

1995 AIR FORCE BASE QUESTIONNAIRE

Otis ANGB - NGB

Section I

1. Force Structure

1.1.A List of all on base NAF and non-Air Force activities:

Unit or Activity:		Personnel Authorizations for FY93/4			
		Officer	Enlisted	Civilian	Total
I.1.A.1	1st Battalion, 25th Marines	23	305	-	328
I.1.A.2	Air Traffic Limited	-	-	12	12
I.1.A.3	Army National Guard	58	324	77	459
I.1.A.4	Falmouth Waste Transfer Station	-	-	17	17
I.1.A.5	Installation Restoration Program	-	-	28	28
I.1.A.6	Lockheed Contract Field Team	-	-	35	35
I.1.A.7	US Coast Guard Air Station	63	231	48	342
I.1.A.8	US Dept. of Agriculture	-	-	25	25
I.1.A.9	US Geo-Physics Laboratory	-	-	15	15
I.1.A.10	US Navy Storage-Permit/SP Boat Theft Uni	3	6	3	12
I.1.A.11	Veterans Administration Cemetery	-	-	35	35
TOTAL:					1308

1.1.B No Remote/Geographically Separated Units receive more then 50% of Base Operational Support from the base.

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2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

I.2.A.1 None of the base ATCALs are officially part of the NAS.

I.2.A.2 Details for specific ATC facilities:

(A.2) ATC Summary:		(A.3) Detailed traffic counts:				
Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	ILS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
Tower	2	75962	0	0	N/A	N/A

I.2.A.4 The primary instrument runway is designated 23
 25827 operations were conducted this runway during calander year 1993

I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:
 THERE ARE NO KNOWN OR PROJECTED AIRSPACE PROBLEMS.

I.2.A.6 The base does Not experience ATC delays.

B. Geographic Location

I.2.B.1 Nearest major primary airlift customer: FORT DIX distance 220 NM
 Nearest major primary airdrop customer: FORT DEVINS distance 73 NM

I.2.B.2 Distance to foward deployment Air Bases:
 Lajes AB: 1997 NM
 Rota AB: 2998 NM

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Hickam AFB: 4568 NM
 RAF Mildenhall: 2944 NM

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway >= 3,000ft	SOUTH WEYMOUTH NAS	35
I.2.B.4	Military airfield, runway >= 8,000ft	QUONSET STATE	40
I.2.B.5	Military airfield, runway >= 10,000ft	PEASE INTL TRADE PORT	86
I.2.B.6	Military or civilian airfield, runway >= 3,000ft	New Bedford Regional	22
I.2.B.7	Military or civilian airfield, runway >= 8,000ft	Quonset State	40
I.2.B.8	Military or civilian airfield, runway >= 10,000ft	Logan Int'l	48
I.2.B.9	Civilian airfield, runway >= 8,000ft for capable of conducting short term operations	Pease Int'l Trade Port	86
I.2.B.10	Civilian airfield, runway >= 10,000ft for capable of conducting short term operations	Pease Int'l Trade Port	86
I.2.B.11	Other runways on base can be used for emergency landings.		

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 Supersonic Air Combat Training (ACBT) MOAs and warning/restricted areas, with a minimum size of 4,200 sq NM, within 300 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-105 A,B,D,E,G	75 NM	W-155 A,B,D,E,G	75 NM	W-105A	98 NM
W-107 A,D,E,F	196 NM	W-107 A,D,E,F,	196 NM	W-108 A,B	268 NM
W-108 A,B	268 NM				

I.2.C.2 MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft, within 200 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-105E	60 NM	W-105 A,B,D,E,G	75 NM	W-155 A,B,D,E,G	75 NM
W-105A	98 NM	W-102 HIGH	157 NM	W-107 A,D,E,F	196 NM
W-107 A,D,E,F,	196 NM				

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-105E	60 NM	W-105 A,B,D,E,G	75 NM	W-155 A,B,D,E,G	75 NM

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W-105A	98 NM	W-102 LOW	157 NM	W-107 A,D,E,F	196 NM
W-107 A,D,E,F	196 NM	W-107A	203 NM	W-108 A,B	268 NM
W-108 A,B	268 NM	W-386B	281 NM	W-386 A,B,C,D,E	301 NM
W-387 A,B	314 NM	W-387A	314 NM	W-72 A,B	380 NM
W-72A	385 NM	W-72B	385 NM	W-122 A,B,C,F,G,H,I,J	464 NM
W-122C	487 NM	W-122 D	512 NM	W-122 E	512 NM
W-122F	527 NM	W-122 A,B,C,D,E,F,G,H,I	536 NM	W-122G	547 NM
W-122I	573 NM				

1.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
WARREN GROVE	210 NM	FT DRUM	268 NM	INDIANTOWN GAP	288 NM
NAVY DARE COUNTY	434 NM	USAF DARE COUNTY	437 NM	CHERRY POINT BT-11	488 NM
GRAYLING	643 NM	POINSETT	666 NM	JEFFERSON PROVING G	700 NM
ATTARBURY	723 NM				

1.2.C.5 Nearest electronic combat (EC) range and distance from base:

WARREN GROVE 210 NM

1.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

OCEANA TACTS 403 NM

1.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

WARREN GROVE 210 NM

1.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	0	0	6	14	33	47
SR	4	5	5	24	52	56
VR	0	3	6	20	49	79
Total Routes:	4	8	17	58	134	182

Identify Routes:

SR-904 28 NM	SR-905 71 NM	SR-901 84 NM	SR-902 95 NM		
SR-900 116 NM	VR-840 143 NM	VR-842 143 NM	VR-841 143 NM		
VR-1801 163 NM	IR-843 165 NM	IR-843A 165 NM	IR-801 175 NM	VR-724 181 NM	VR-725 181 NM
IR-800 200 NM	IR-800A 200 NM	IR-804 200 NM			
VR-1800 202 NM	IR-850 207 NM	IR-851 207 NM	IR-852 207 NM	SR-847 211 NM	SR-844 259 NM

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SR-846	259 NM	SR-845	259 NM	VR-707	260 NM	IR-716	266 NM	SR-800	271 NM	SR-801	271 NM
SR-805	271 NM	IR-800B	295 NM	VR-1709	315 NM	VR-704	321 NM	VR-705	321 NM	VR-1711	322 NM
VR-1712	322 NM	VR-1713	322 NM	VR-708	334 NM	VR-1757	336 NM	IR-805	339 NM	SR-820	354 NM
SR-835	354 NM	SR-821	354 NM	SR-825	356 NM	VR-1753	357 NM	VR-1755	357 NM	IR-714	362 NM
VR-1754	362 NM	IR-760	362 NM	SR-802	369 NM	SR-803	369 NM	SR-806	369 NM	SR-808	369 NM
SR-807	369 NM	SR-804	369 NM	SR-823	382 NM	VR-1759	390 NM	SR-867	393 NM		
IR-720	401 NM	IR-802	401 NM	IR-803	401 NM	IR-719	407 NM	IR-715	421 NM	IR-718	421 NM
VR-1758	426 NM	VR-1752	432 NM	SR-818	434 NM	SR-817	440 NM	VR-1057	440 NM	VR-1061	452 NM
IR-761	458 NM	VR-1751	458 NM	IR-762	463 NM	VR-1756	463 NM	VR-1058	463 NM	VR-1722	467 NM
SR-815	469 NM	SR-822	469 NM	SR-816	469 NM	VR-073	469 NM	IR-062	470 NM	VR-096	470 NM
IR-610	476 NM	VR-1043	511 NM	IR-721	512 NM	VR-085	516 NM	VR-086	516 NM	VR-1046	518 NM
VR-1721	521 NM	SR-871	540 NM	SR-874	540 NM	SR-872	540 NM	SR-873	540 NM	IR-723	542 NM
IR-608	546 NM	VR-1624	548 NM	VR-1625	548 NM	SR-707	556 NM	SR-708	556 NM	SR-713	556 NM
SR-714	556 NM	SR-711	556 NM	SR-710	556 NM	SR-737	562 NM	SR-738	562 NM	SR-701	565 NM
SR-703	565 NM	SR-702	567 NM	SR-709	567 NM	SR-715	567 NM	SR-712	567 NM	IR-726	568 NM
VR-1726	568 NM	IR-012	571 NM	VR-093	574 NM	IR-022	575 NM	IR-743	576 NM	VR-1633	576 NM
VR-1743	576 NM	VR-1632	576 NM	VR-1631	576 NM	SR-733	576 NM	VR-1627	577 NM	VR-1628	577 NM
SR-732	580 NM	SR-735	580 NM	SR-734	581 NM	VR-1074	586 NM	VR-1060	590 NM	SR-782	591 NM
IR-035	593 NM	VR-1069	593 NM	VR-1040	595 NM	IR-082	599 NM				
VR-1617	608 NM	VR-1638	608 NM	SR-781	613 NM	VR-087	617 NM	VR-664	625 NM	VR-1626	633 NM
IR-081	637 NM	VR-1644	643 NM	VR-1647	643 NM	VR-1645	643 NM	VR-1013	651 NM	VR-088	658 NM
IR-074	667 NM	VR-1639	678 NM	IR-079	684 NM	IR-080	684 NM	VR-634	690 NM	VR-095	693 NM
VR-1640	694 NM	IR-036	695 NM	VR-097	696 NM	VR-1059	699 NM	VR-1668	700 NM	VR-1636	705 NM
IR-090	706 NM	SR-166	707 NM	VR-058	713 NM	IR-075	714 NM	SR-105	718 NM	VR-1641	724 NM
VR-1642	724 NM	VR-1667	724 NM	VR-1041	729 NM	IR-083	734 NM	VR-1055	736 NM	IR-002	740 NM
IR-042	748 NM	VR-1068	748 NM	SR-102	756 NM	IR-018	759 NM	VR-1049	760 NM	IR-618	772 NM
VR-619	772 NM	IR-609	775 NM	VR-1003	776 NM	IR-023	777 NM	VR-1011	788 NM	VR-1679	796 NM

I.2.C.9 IR-430 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 1266 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
7	13	19

I.2.C.10.a Routes and distance to route's control point:

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Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance
AR-631	105 NM	AR-608	126 NM	AR-777	143 NM	AR-616B	144 NM
AR-616A	178 NM	AR-204 NORTHEAST	189 NM	AR-212 NORTHEAST	189 NM		
AR-609	208 NM	AR-020 NORTHEAST	235 NM	AR-612	249 NM	AR-204 SOUTHWEST	263 NM
AR-205	263 NM	AR-212 SOUTHEAST	263 NM				
AR-636	317 NM	AR-206H	326 NM	AR-206L	326 NM	AR-218H	413 NM
AR-218L	429 NM	AR-217	478 NM				

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
1147	3571

Track	Distance	Events	Track	Distance	Events	Track	Distance	Events	Track	Distance	Events
AR 204	189 NM	319	AR 212	189 NM	356	AR-205	263 NM	43	AR-206H	326 NM	50
AR 206L	326 NM	20	AR 218	413 NM	359			0			0

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 685NM from the base."

I.2.C.10d Percentage of tanker demand in region: 17.0
 Percentage of tankers based in region: 25.0

Tanker saturation within the region has been classified as tanker Rich

I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
AEGIS	289 NM	✓	✓	✓	0	1
ANDREWS	337 NM		✓		0	1
CHUTE (CIR)	271 NM	✓	✓	✓	0	1
JERSEY DEVIL	200 NM	✓	✓	✓	0	5
MCLEAN	287 NM	✓		✓	0	0
MEACHAM LAKE	240 NM		✓		0	0
MOUNTAIN	265 NM	✓		✓	1	0
PANTHER	270 NM	✓	✓	✓	1	0
PUDGY	200 NM	✓	✓	✓	0	5
SWAN CREEK	289 NM	✓	✓	✓	0	0
TURNER	72 NM	✓	✓	✓	0	2
ZIMMER	271 NM	✓	✓	✓	1	0

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I.2.C.11.a	Drop Zone	Servicing Instruement and Slow Routes (IRs and SRs)							
	AEGIS	SR-800							
	ANDREWS	SR-820							
	CHUTE (CIR)	SR-801							
	JERSEY DEVIL	SR-801	SR-805	SR-844	SR-845	SR-846			
	MOUNTAIN	IR-801							
	PANTHER	IR-801							
	PUDGY	SR-801	SR-805	SR-844	SR-845	SR-846			
	TURNER	SR-904	SR-905						
	ZIMMER	IR-801							

I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:
 MARTINSBURG 366 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
JERSEY DEVIL	200 NM	✓	✓	✓	0	0

I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM):
 CAMP LEJEUNE 528 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 The base Does not control or manage any ranges, questions I.2.D.2 to I.2.D.17 skipped.

Ranges (Used by the base)

I.2.D.18 The base uses ranges on a regular basis

I.2.D.19 The mission and training is Not adversely impacted by training area airspace encroachment or other conflicts.

I.2.D.20 MOAs/bombing ranges/other training areas have No scheduling restrictions/limitations.

I.2.D.21 MOAs/bombing ranges/other training areas have No projected scheduling restrictions/limitations.

I.2.D.22 No significant changes/restrictions/limitations effecting the scheduling of low level routes in progress.

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E. Airspace Used by Base

I.2.E.1 Base schedules or manages no airspace, questions I.2.E.2 to I.2.D.12 skipped.

I.2.E.1.a The base does Not use airspace.

Commercial Aviation Impact

I.2.E.12 The base is Not joint-use (military/civilian).

I.2.E.13 List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
BARNSTABLE MUNICIPAL	Commercial
CAPE COD AIRPORT	Uncontrolled
CHATHAM MUNICIPAL	Uncontrolled
CRANLAND	Uncontrolled
FALL RIVER	General Aviation
FALMOUTH AIRPARK	Uncontrolled
GREEN STATE AIRPORT	Commercial
LOGAN INTL AIRPORT	Commercial
MANSFIELD	General Aviation
MARSHFIELD	Uncontrolled
MARTHA'S VINEYARD	Commercial
NANTUCKET MEMORIAL	Commercial
NEW BEDFORD	General Aviation
NEWPORT STATE	General Aviation
NORFOLK	General Aviation
NORTH CENTRAL	General Aviation
NORWOOD MEMORIAL	General Aviation
PLYMOUTH MUNICIPAL	Uncontrolled
PROVINCETOWN	General Aviation
QUONSET STATE	Military
SOUTH WEYMOUTH NAS	Military

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General Aviation

I.2.E.14 Civilian/commercial operators or other airspace users do Not pose scheduling, operational, or environmental constrains or limits.

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F. Potential for Growth in Training Airspace (Area)

- I.2.F.1 Expansion of training airspace is Not possible.
- I.2.F.2 Current access will remain the same.
- I.2.F.3 No reductions in training airspace are expected.
- I.2.F.4 Current special use airspace and training areas meet all training requirements.
- I.2.F.4.a Deployed, off-station training is not required to meet training requirements.

G. Composite / Integrated Force Training

- I.2.G.1 Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:
CAMP EDWARDS
9 NM from the base.
- I.2.G.2 DELETED
- I.2.G.3 Nearest Naval unit where joint training can be accomplished:
OCEANA NAS, NORFOLK, VA
403 mi from the base.
- I.2.G.4 Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:
POPE AFB
560 mi from the base.
- I.2.G.5 DELETED

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

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I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / ½ mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
96.3	93.4	77.6	72.0	69.3

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 93.0 percent of the time

I.2.J.2.b Is at or below 25 knots 98.9 percent of the time

I.2.J.3 29 Days have freezing participation (mean per year).

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Section II

1. Installation Capacity & Condition

A. Land

	Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
II.1.A.1	OTIS ANG BASE	MAIN BASE	3,535	3,193	257
II.1.A.2	WELLESLEY ANG STATIO		8	8	
TOTALS:			3,543	3,201	257

B. Facilities

II.1.B.1 From real property records:

	Facility Category Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	(C) Excess Capacity
II.1.B.1.a.i	121-122	Hydrant Fueling System Pits	EA	1	1	90.0	0.0	10.0	0
II.1.B.1.a.ii	121-122a	Consolidated Aircraft Support System	EA	0	0		0.0	0.0	0
II.1.B.1.b	131	Communications-Buildings	SF	N/A	11,545	100.0	0.0	0.0	N/A
II.1.B.1.c	141	Operations-Buildings	SF	N/A	45,531	100.0	0.0	0.0	N/A
II.1.B.1.c.i	141-232	Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	141-753	Squadron Operations	SF	17,100	14,617	100.0	0.0	0.0	0
II.1.B.1.c.iii	141-782	Air Freight Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.iv	141-784	Air Passenger Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.v	141-785	Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	171	Training Buildings	SF	N/A	58,343	100.0	0.0	0.0	N/A
II.1.B.1.d.i	171-211	Flight Training	SF	0	0		0.0	0.0	0
II.1.B.1.d.ii	171-211a	Combat Crew Trng Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	171-212	Flight Simulator Training (High Bay)	SF	5,806	5,806	100.0	0.0	0.0	0
II.1.B.1.d.iv	171-212a	Companion Trng Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	171-618	Field Training Facility	SF	0	0		0.0	0.0	0
II.1.B.1.e	211	Maintenance Aircraft	SF	N/A	133,446	100.0	0.0	0.0	N/A
II.1.B.1.e.i	211-111	Maintenance Hanger	SF	40,000	48,180	100.0	0.0	0.0	8,180
II.1.B.1.e.ii	211-152	General Purpose Aircraft Maintenance	SF	18,600	26,527	100.0	0.0	0.0	7,927
II.1.B.1.e.iii	211-152a	DASH 21	SF	0	0		0.0	0.0	0
II.1.B.1.e.iv	211-153	Non-Destructive Inspection (NDI) Lab	SF	3,500	2,053	100.0	0.0	0.0	0

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II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	6,000	14,623	100.0	0.0	0.0	8,623
II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	12,000	20,090	100.0	0.0	0.0	8,090
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	6,000	0		0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	1,500	0		0.0	0.0	0
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	0	26,875	0.0	0.0	100.0	26,875
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	8,500	21,433	100.0	0.0	0.0	12,933
II.1.B.1.e.xiii	211-183	Test Cell	SF	0	0		0.0	0.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	0		0.0	0.0	0
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g	214	Maintenance-Automotive	SF	N/A	46,054	100.0	0.0	0.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	1,500	5,955	100.0	0.0	0.0	4,455
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	11,200	11,200	100.0	0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	12,100	7,658	100.0	0.0	0.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	12,910	100.0	0.0	0.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	12,700	12,910	100.0	0.0	0.0	210
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	0	0		0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	7,200	27,980	31.0	0.0	69.0	20,780
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	0	0		0.0	0.0	0
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	0	13,098	100.0	0.0	0.0	13,098
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	116,028	62.0	0.0	38.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	22,500	25,194	100.0	0.0	0.0	2,694
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	34,276	100.0	0.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	0	0		0.0	0.0	0

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II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	0	0		0.0	0.0	0
II.1.B.1.t.iii	422-264	Igloo Magazine	SF	3,800	7,106	100.0	0.0	0.0	3,306
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	0	0		0.0	0.0	0
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	0	0		0.0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	150	0.0	0.0	100.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	77,983	94.0	0.0	6.0	N/A
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	0	0		0.0	0.0	0
II.1.B.1.v.ii	442-258	LOX Storage	GA	1,800	2,800	100.0	0.0	0.0	1,000
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	24,000	55,211	91.0	0.0	9.0	31,211
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	5,000	21,970	100.0	0.0	0.0	16,970
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	0	0		0.0	0.0	0
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.x	530	Medical Laboratories	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.y	540	Dental Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	100,737	52.0	18.0	30.0	N/A
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	0	0		0.0	0.0	0
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0		0.0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	481	0.0	0.0	100.0	N/A
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	0	351	0.0	0.0	100.0	351
II.1.B.1.cc	722	Dining Hall	SF	N/A	12,649	100.0	0.0	0.0	N/A
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	12,649	12,649	100.0	0.0	0.0	0
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	70	0.0	0.0	100.0	N/A
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	47,809	100.0	0.0	0.0	N/A
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	17,905	88.0	0.0	12.0	N/A
II.1.B.1.gg	852-273	Acft Support Equipment Storage	SY	2,095	2,095	100.0	0.0	0.0	0

Notes for specific Cat Codes:

II.1.B.1.a.i	121-122	CONDITION CODE 3 IS UNDER DEMOLITION
II.1.B.1.a.ii	121-122a	WE DO NOT HAVE ANY FACILITIES CODED AS SUCH
II.1.B.1.b	131	TWO FACILITIES WERE OUT-GRANTED TO THE FAA.
II.1.B.1.c	141	CONSISTS OF EOD, PHOTO LAB, ALERT CELLS
II.1.B.1.c.i	141-232	OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.c.ii	141-753	PRESENT FACILITY IS UNDERSCOPED 2,483 SF.
II.1.B.1.c.iii	141-782	OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.c.iv	141-784	OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.

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II.1.B.1.c.v	141-785 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.d	171 THIS INCLUDES WELLESLEY ANG STATION.
II.1.B.1.d.i	171-211 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.d.ii	171-211a OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.d.iii	171-212 THIS FACILITY SHARES SAME FACILITY AS BASE OPERATIONS.
II.1.B.1.d.iv	171-212a OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.d.v	171-618 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY
II.1.B.1.e	211 TWO FACILITIES ARE UP FOR DEMOLITION UNDER CONDITION CODE 5, AND TWO UNDER CONDITION CODE 3.
II.1.B.1.e.i	211-111 ONE FACILITY USED AS CONSOLIDATED ADMINISTRATIVE WING HEADQUARTERS.
II.1.B.1.e.ii	211-152a OTIS ANG BASE DOES NOT POSSESS THIS FACILITY,
II.1.B.1.e.iv	211-153 ONE FACILITY DEDICATED FOR NDI.
II.1.B.1.e.v	211-154 TWO FACILITIES DEDICATED TO AMU.
II.1.B.1.e.vi	211-157 ONE FACILITY.
II.1.B.1.e.vii	211-157a OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.e.viii	211-159 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.e.ix	211-173 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.e.x	211-175 THIS FACILITY IS USED ONLY FOR COLD WEATHER SHELTER, NOT FOR MAINTENANCE.
II.1.B.1.e.xi	211-177 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.e.xii	211-179 ONE FACILITY IN USE.
II.1.B.1.e.xiii	211-183 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.f	212 ANG DOES NOT AUTHORIZE FOR OTIS ANG BASE.
II.1.B.1.f.i	212-212 ANG DOES NOT AUTHORIZE FOR OTIS ANG BASE.
II.1.B.1.f.ii	212-212a ANG DOES NOT AUTHORIZE FOR OTIS ANG BASE
II.1.B.1.f.iii	212-213 ANG DOES NOT AUTHORIZE FOR OTIS ANG BASE.
II.1.B.1.f.iv	212-220 ANG DOES NOT AUTHORIZE FOR OTIS ANG BASE.
II.1.B.1.g.	214 WELLESLEY ANG STATION IS INCLUDED IN THIS CALCULATION.
II.1.B.1.g.i	214-425 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.g.ii	214-467 FACILITY IS LOCATED WITHIN THE AICUZ AND MAY BE MOVED TO ANOTHER FACILITY.
II.1.B.1.h	215-552 ONE FACILITY IS BEING UTILIZED.
II.1.B.1.i	216-642 TWO FACILITIES ARE BEING UTILIZED FOR THIS FUNCTION.
II.1.B.1.j	217 ALL SQUARE FOOTAGE IS UNDER A VIONICS SHOP.
II.1.B.1.j.i	217-712 THIS IS A CO-USE BUILDING WITH A PMEL FUNCTION.
II.1.B.1.j.ii	217-712a OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.

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II.1.B.1.j.iii	217-713 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.k.i	218-712 ONE FACILITY IS UP FOR DEMOLITION AS PART OF MCP.
II.1.B.1.k.ii	218-852 INCLUDED AS PART OF SQUADRON OPS.
II.1.B.1.k.iii	218-868 THIS FACILITY SERVES NOT ONLY THIS BASE BUT SEVERAL OTHER INSTALLATIONS AS WELL.
II.1.B.1.l	219 13 FACILITIES ON OTIS ANG BASE UNDER CONDITION CODE 219-XXX.
II.1.B.1.m	310 NOT AUTHORIZED BY ANGR.
II.1.B.1.n	311 NOT AUTHORIZED BY ANGR.
II.1.B.1.o	312 NOT AUTHORIZED BY ANGR.
II.1.B.1.p	315 NOT AUTHORIZED BY ANGR.
II.1.B.1.q	317 NOT AUTHORIZED BY ANGR.
II.1.B.1.r	318 NOT AUTHORIZED BY ANGR.
II.1.B.1.s.i	411-135 FIGURES FOR CAPACITY PROVIDED BY FMO.
II.1.B.1.t	422 UTILIZING 7 FACILITIES UNDER THIS CODE.
II.1.B.1.t.i	422-253 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.t.ii	422-258 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.t.iii	422-264 TWO NEW FACILITIES IN USE.
II.1.B.1.t.iv	422-265 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.t.v	422-275 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.u	441 SMALL STORAGE SHED TO BE REPLACED.
II.1.B.1.v	442 TWO FACILITIES UP FOR DEMOLITION. ONE UNDER CONDITION CODE 3, ONE UNDER CONDITION CODE 5.
II.1.B.1.v.i	442-257a OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.v.iii	442-758 ONE FACILITY OF 4,913 SF IS CONDITION CODE 3 USED AS COLD STORAGE.
II.1.B.1.v.iv	442-758a USING ONE FACILITY FOR WRSK STORAGE.
II.1.B.1.v.v	442-758b OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.w	510 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.x	530 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.y	540 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.z	550 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.aa	610 24 FACILITIES TOTALING 99,553. 80,466 ARE PERMITTED OUT TO NON-ANG AGENCIES
II.1.B.1.aa.i	610-144 OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.aa.ii	610-144a OTIS ANG BASE DOES NOT POSSESS THIS FACILITY.
II.1.B.1.bb	721 FEDERAL FUNDING IS NO LONGER AUTHORIZED AFTER FY 94.
II.1.B.1.bb.i	721-312 FEDERAL FUNDING IS NO LONGER AUTHORIZED AFTER FY 94.

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II.1.B.1.cc 722 TWO FACILITIES. ONE DINING HALL, ONE STORAGE FACILITY IN USE.
 II.1.B.1.cc.i 722-351 TWO FACILITIES. ONE DINING HALL, ONE STORAGE FACILITY IN USE.
 II.1.B.1.dd 724 FACILITY PRESENTLY VACANT.
 II.1.B.1.ee 730 14 FACILITIES. DOD POLICE AND OTHER PERSONNEL SUPPORT FACILITIES IN USE.
 II.1.B.1.# 7406 FACILITIES AT 17,905 SF. ONE FACILITY OF 2,102 SF IS SCHEDULED FOR DEMOLITION AND ONE AT 6,832 SF IS PERMITTED TO THE US COAST GUARD.
 II.1.B.1.gg 852-273 PRESENT FACILITY WILL BE RE-PAVED IN FY 95.

II.1.B.2 From in-house survey:

Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	111 Aircraft Pavement-Runway(s)	SY	395,689	100.0	0.0	0.0
II.1.B.1.b	112 Airfield Pavements Taxiways	SY	4,548,214	100.0	0.0	0.0
II.1.B.1.c	113 Airfield Pavement Apron(s)	SY	595,419	100.0	0.0	0.0
II.1.B.1.d	116-662 Dangerous Cargo Pad	SY	0			
II.1.B.1.e	812 Elec Power Trans & Distr Lines	LF	323,333	33.0	67.0	0.0
II.1.B.1.f	822 Heat Trans & Distr Lines	LF	36,268	0.0	100.0	0.0
II.1.B.1.g	832 Sewage and Indust Waste Collection (Mains)	LF	187,068	0.0	100.0	0.0
II.1.B.1.h	842 Water-Distr Sys-Potable	LF	476,001	0.0	100.0	0.0
II.1.B.1.i	843 Water-Fire Protection (Mains)	LF	2,797	100.0	100.0	0.0
II.1.B.1.j	851 Roads	SY	481,533	0.0	100.0	0.0
II.1.B.1.k	852 Veh/Equip Parking	SY	301,747	100.0	0.0	0.0

Notes for specific Cat Codes:

II.1.B.1.a 111 2 FACILITIES. WILL BE UPGRADED TO CONDITION CODE 1 AFTER BEING REPAINTED.
 II.1.B.1.b 112 13 FACILITIES. WILL BE UPGRADED TO CONDITION CODE 1 WHEN AIRFIELD STRIPPING PROJECT IS COMPLETE.
 II.1.B.1.c 113 7 FACILITIES. WILL BE UPGRADED TO CONDITION CODE 1 WHEN AIRFIELD PAINTING PROJECT IS COMPLETE.
 II.1.B.1.d 116-662 THERE ARE NO FACILITIES CLASSIFIED UNDER THIS CATEGORY ON OTIS ANG BASE.
 II.1.B.1.e 812 UTILITIES SERVE ENTIRE RESERVATION BUT MONITORED AND MAINTAINED BY OTIS ANG BASE. SYSTEM PROGRAMMED FOR UPGRADE, WHEN COMPLETED FACILITY, TOTALLING 216,633 LF, CLASSIFIED AS CONDITION CODE 2 WILL BE CHANGED TO 1.
 II.1.B.1.f 822 FACILITY IS CURRENTLY VACANT SINCE DEMOLITION OF CENTRAL HEAT PLANT IN 1993.
 II.1.B.1.g 832 MAJOR UPGRADE PROGRAMMED FOR ENTIRE SYSTEM FY94-FY96. WHEN COMPLETE WILL BE UPGRADED TO CONDITION CODE 1.
 II.1.B.1.h 842 CLASSIFIED AS CONDITION CODE 2 DUE TO AGE OF SYSTEM. WILL BE UPGRADED TO CONDITION CODE 1.

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- II.1.B.1.i 843 CLASSIFIED AS CONDITION CODE 2 DUE TO AGE OF SYSTEM. WILL BE UPGRADED TO CONDITION CODE 1.
- II.1.B.1.j 851 WILL BE RESURFACED AS PART OF FY 95 PROJECT. CONDITION CODE WILL BE CHANGED TO 1 UPON COMPLETION.
- II.1.B.1.k 852 7 FACILITIES AT OTIS (588,478), 2 AT WELLESLEY ANG STATION (11,377). A RESURFACING PROJECT IS SCHEDULED FOR SPRING 94. WHEN COMPLETE WILL BE UPGRADED TO CONDITION CODE 1.

2. Airfield Characteristics

II.2 Runway Table:

Primary Designation	Dimensions:		Cross Runway	Aircraft Arresting Systems (II.2.I)	
	Length	Width		Number	Types
32 Secondary	9500 ft	200 ft	Yes	1	BAK-12
23 Primary	8000 ft	200 ft	No	2	BAK-12

II.2.A There are 2 active runways.

II.2.A.1 There are 1 cross (30 degrees from primary) runways.

II.2.B There are NO parallel runways.

II.2.C Dimensions of the primary runway (23).

II.2.C.1 Length: 8,000 ft

II.2.C.2 Width: 200 ft

II.2.D Dimensions of all secondary runways are in the runway table.

II.2.E The primary taxiway is 75 ft wide.

II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency (AFCESA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

An AFCESA Pavement Evaluation Report was used to complete this section.

Aircraft Group	Criteria	Primary Pavements					
		Runways	Taxiways	Aprons	Runways	Taxiways	Aprons
II.2.F.1 Fighter	F-15	61 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now	Supports Now
II.2.F.2 Fighter	F-16C/D	37 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now	Supports Now
II.2.F.3 Bomber	B-52	450 Kips	15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.4 Bomber	B-1B	450 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed	Supports Now	Supports Now
II.2.F.5 Tanker	KC-135R	320 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.6 Tanker	KC-10	550 Kips	15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.7 Airlift	C-5B	800 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed	Upgrade Needed

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II.2.F.8 | Airlift | C-141 | 325 Kips | 50,000 Passes | Upgrade Needed | Upgrade Needed | Supports Now

II.2.F.9 Work required to upgrade pavement to the required strength:

		(9.a) Unit of Measure	(9.b) Quantity	(9.c) Description of Work
Pavement:	Aircraft:			
Taxiway	B-1B	SY	193,350	163350 - 3" PCC OVERLAY...30000 NEW 17" PCC CONSTRUCTION (NOTE: REGARDLESS OF STRENGTHENING...TAXIWAYS CAN NOT BE WIDENED OR LENGTHENED TO SUPPORT B-1B. SEE INSTALLATION WORK SHEETS)
Runway	B-1B	SY	337,960	320300 - 4" ASPHALT OVERLAY, 35600 3" PCC OVERLAY. (NOTE: REGARDLESS OF STRENGTHENING- RUNWAYS CAN NOT BE LENGTHENED OR WIDENED TO SUPPORT B-1B. SEE INSTALLATION WORK SHEETS)
Runway	B-52	SY	337,900	302300 - 7" ASPHALT OVERLAY. 35600 8" PCC OVERLAY (NOTE: REGARDLESS OF STRENGTHENING - RUNWAYS CAN NOT BE LENGTHENED OR WIDENED TO SUPPORT B-52. SEE INSTALLATION WORK SHEETS)
Taxiway	B-52	SY	163,350	8 " PCC OVERLAY. 30000 NEW 22" PCC CONSTRUCTION (NOTE: REGARDLESS OF STRENGTHENING - TAXIWAYS CAN NOT BE WIDENED OR LENGTHENED. SEE INSTALLATION WORK SHEETS)
Aprons	B-52	SY	262,455	6" PCC OVERLAY (NOTE : REGARDLESS OF STRENGTHENING - APRON CAN NOT BE LENGTHENED OR WIDENED. SEE INSTALLATION WORK SHEETS)
Taxiway	C-141	SY	163,350	1" PCC OVERLAY (NOTE: REGARDLESS OF STRENGTHENING - TAXIWAYS CANNOT BE LENGTHENED OR WIDENED. SEE INSTALLATION WORK SHEETS)
Runway	C-141	SY	337,900	302300 - 2" ASPHALT OVERLAY. 35600 1" PCC OVERLAY (NOTE: REGARDLESS OF STRENGTHENING - RUNWAYS CAN NOT BE LENGTHENED OR WIDENED TO SUPPORT C-141. SEE INSTALLATION WORK SHEETS)
Taxiway	C-5B	SY	193,350	163350 7" PCC OVERLAY. 30000 NEW 21" PCC CONSTRUCTION (NOTE REGARDLESS OF STRENGTHENING - TAXIWAYS CANNOT BE WIDENED OR LENGTHENED. SEE INSTALLATION WORK SHEETS)
Aprons	C-5B	SY	262,455	5" PCC OVERLAY (NOTE: REGARDLESS OF STRENGTHENING - APRON CAN NOT BE WIDENED OR LENGTHENED SEE INSTALLATION WORK SHEETS)

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Runway	C-5B	SY	337,900	302300 7" ASPHALT OVERLAY. 35600 7" PCC OVERLAY (NOTE: REGARDLESS OF STRENGTHENING - RUNWAYS CAN NOT BE LENGTHENED OR WIDENED TO SUPPORT C-5B. SEE INSTALLATION WORK SHEETS)
Taxiway	KC-10	SY	193,350	163350 8" PCC OVERLAY. 30000 NEW 22" PCC CONSTRUCTION. (NOTE: REGARDLESS OF STRENGTHENING - TAXIWAY CAN NOT BE LENGTHENED OR WIDENED. SEE INSTALLATION WORKSHEETS)
Runway	KC-10	SY	337,900	302300 7" ASPHALT OVERLAY. 35600 8" PCC OVERLAY. (NOTE: REGARDLESS OF STRENGTHENING - RUNWAYS CANNOT BE WIDENED OR LENGTHENED. SEE INSTALLATION WORK SHEETS)
Aprons	KC-10	SY	262,455	6" PCC OVERLAY(NOTE: REGARDLESS OF STRENGTHENING - APRON CAN NOT BE WIDENED OR LENGTHENED. SEE INSTALLATION WORK SHEETS)
Taxiway	KC-135R	SY	193,350	163350 7" PCC OVERLAY. 30000 NEW 21" PCC CONSTRUCTION. (NOTE: REGARDLESS OF STRENGTHENING - TAXIWAYS CANNOT BE LENGTHENED OR WIDENED. SEE INSTALLATION WORK SHEETS)
Aprons	KC-135R	SY	262,455	5" PCC OVERLAY (NOTE: REGARDLESS OF STRENGTHENING - APRON CAN NOT BE LENGTHENED OR WIDENED. SEE INSTALLATION WORK SHEETS)
Runway	KC-135R	SY	337,900	302300 7" ASPHALT OVERLAY. 35600 7" PCC OVERLAY (NOTE: REGARDLESS OF STRENGTHENING - RUNWAYS CAN NOT BE LENGTHENED OR WIDENED. SEE INSTALLATION WORK SHEETS)

II.2.G Excess aircraft parking capacity for operational use.

II.2.G.1 The total usable apron space for aircraft parking is 612,022 Sq Yds.

II.2.G.1.a Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions (Equivalent Rectangle)		CURRENT USE DATA. (Type of Aircraft and which of the permanently assigned aircraft use the area.)	
	6130	124 ft	400 ft	Neither
6139	500 ft	2,440 ft	Neither	MBLTY LOAD/UNLOAD
6140	1,120 ft	1,986 ft	Primary Aircraft	MAINT HANGAR PRKING
6142	1,390 ft	718 ft	Neither	ARNG HELO PRKING
6144	860 ft	496 ft	Neither	BASE AERO CLUB RAMP
6146	773 ft	406 ft	Neither	VACANT
6148	349 ft	300 ft	Neither	COAST GUARD AIR STN

II.2.G.2 Permanently assigned aircraft currently require 32,300 Sq Yds of parking space.

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II.2.G.3 135,555 Sq Yds of parking space is available for parking additional non-transient aircraft.

II.2.G.4 The following factors limit aircraft parking capability:

SIZE OF AIRCRAFT AND THE PHYSICAL CONDITIONS OF THE APRON AREAS. THE BASE IS ALSO UNDER NOISE ABATEMENT RESTRICTIONS FOR NIGHT AND DAY TIME FLYING.

II.2.H The dimensions of the (largest) transient parking area: N/A

II.2.I Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)

II.2.J Critical features relative to the airfield pavement system that limit its capacity:

OTHER THAN FOD AND THE AGE OF THE PAVEMENT THIS BASE'S AIRFIELD IS IN BETTER THAN AVERAGE CONDITION FOR A FIGHTER WING OPERATION. HEAVIER AIRCRAFT COULD NOT UTILIZE THIS AIRFIELD ON A FULL-TIME BASIS BECAUSE OF THE RESTRICTION ON LENGTH AND WIDTH.

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	0.54 MG/D	MG/D - million gallons per day	75 %
II.3.A.2 Sewage:	0.33 MG/D		73 %
II.3.A.3 Electrical distribution:	11.729 MW	MW - million watts	32 %
II.3.A.4 Natural Gas:	0.648 MCF/D	MCF/D - million cubic feet per day	53 %
II.3.A.5 High temperature water/steam generation/distribution:		- MBTUH - million British thermal units per hour	

II.3.B Characteristics regarding the utility system that should be considered:

ELECTRICAL FIGURES OF 13 MWH ARE REPRESENTATIVE OF SUBSTATION CAPABILITY ONLY; ACTUAL DISTRIBUTION LINK SYSTEMS CAPABILITY SOMEWHAT LESS. NAT'L GAS SYSTEM IS NOT AN AIR FORCE ASSET BUT OWNED/OPERATED BY LOCAL GAS CO. HIGH TEMP WATER MAINS ARE VACANT

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1 Facility number: 124 Hanger
Current Use: CE ROADS AND GROUNDS FACILITY

II.4.A.2 Size (SF): 34,849 SF

II.4.A.3-4 Largest aircraft the hangar/ nose dock can COMPLETELY enclose: F-15

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	160 ft	25 ft	
II.4.A.6 Largest unobstructed space inside the facility:	150 ft	25 ft	120 ft

II.4.A.1 Facility number: 126 Hanger
Current Use: CE ROADS AND GROUNDS STORAGE

II.4.A.2 Size (SF): 35,701 SF

II.4.A.3-4 Largest aircraft the hangar/ nose dock can COMPLETELY enclose: F-15

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	160 ft	25 ft	
II.4.A.6 Largest unobstructed space inside the facility:	150 ft	25 ft	125 ft

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II.4.A.1 Facility number: 128 Hanger
 Current Use: MUNITIONS LOAD CREW TRAINING/EOD/CONTRACT FLD TEAM

II.4.A.2 Size (SF): 34,530 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-15

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	160 ft	25 ft	
II.4.A.6 Largest unobstructed space inside the facility:	120 ft	25 ft	115 ft

II.4.A.1 Facility number: 158 Hanger

Current Use: A C MAINT, CONSOLIDATED BASE ADMIN & WING HQ

II.4.A.2 Size (SF): 48,180 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: KC-135

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	370 ft	64 ft	
II.4.A.6 Largest unobstructed space inside the facility:	93 ft	64 ft	276 ft

II.4.A.1 Facility number: 163 Nose Dock

Current Use: MAINTENANCE COLD STORAGE

II.4.A.2 Size (SF): 26,875 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-15

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	293 ft	30 ft	
II.4.A.6 Largest unobstructed space inside the facility:	50 ft	30 ft	25 ft

II.4.A.1 Facility number: 192 Nose Dock

Current Use: AGE COLD STORAGE

II.4.A.2 Size (SF): 18,271 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-15

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	100 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	35 ft	22 ft	140 ft

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II.4.A.1 Facility number: 194 Nose Dock

Current Use: AGE COLD STORAGE

II.4.A.2 Size (SF): 19,120 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-15

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	100 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	145 ft	22 ft	60 ft

II.4.A.1 Facility number: 196 Nose Dock

Current Use: CORROSION CONTROL NOSE DOCK

II.4.A.2 Size (SF): 17,533 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-15

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	100 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	40 ft	22 ft	36 ft

II.4.A.1 Facility number: 3122 Hanger

Current Use: OUTGRANTED TO US NAVY FOR STORAGE

II.4.A.2 Size (SF): 26,298 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: B-1B

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	122 ft	25 ft	
II.4.A.6 Largest unobstructed space inside the facility:	122 ft	25 ft	162 ft

5. Unique Facilities

II.5.A There are No unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed.

6. Air Installation Compatible Use Zone (AICUZ) and Terminal Area Procedures

Local/Regional Land Encroachment

II.6.A Percent current off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES					
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.A.1 14	CZ	30	138	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
23	CZ	0	138	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

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	DNL Noise Contour	CZ	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES					
							RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.A.2	32	CZ	0	138	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	5	CZ	0	138	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	14	APZ 1	30	345	0.0	Gen Compat	10.0	0.0	0.0	0.0	0.0	90.0
	23	APZ 1	50	345	16.0	Sig Incompat	16.0	0.0	0.0	40.0	3.0	41.0
II.6.A.3	32	APZ 1	0	345	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	5	APZ 1	30	345	20.0	Sig Incompat	20.0	1.0	0.0	0.0	0.0	79.0
	14	APZ 2	0	482	0.0	Gen Compat	10.0	0.0	10.0	5.0	0.0	75.0
	23	APZ 2	30	482	0.0	Gen Compat	5.0	0.0	0.0	0.0	25.0	70.0
	32	APZ 2	0	482	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	5	APZ 2	50	482	7.0	Incompat	15.0	0.0	2.0	0.0	5.0	78.0

	DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.A.4	65-70		500	2,590	15	Sig Incompat	46.0	0.0	1.0	1.0	6.0	46.0
II.6.A.5	70-75		100	1,350	30	Sig Incompat	39.0	0.0	0.0	0.0	0.0	61.0
II.6.A.6	75-80		10	576	2	Gen Compat	2.0	0.0	0.0	0.0	0.0	98.0
II.6.A.7	80+		0	680	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

II.6.B Percent future off base incompatible land use:

	Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
							RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.B.1	14	CZ		30	138	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	23	CZ		0	138	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	32	CZ		0	138	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	5	CZ		0	138	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.B.2	14	APZ 1		30	345	0	Gen Compat	10.0	0.0	0.0	0.0	0.0	90.0
	23	APZ 1		50	345	16	Sig Incompat	16.0	0.0	0.0	40.0	3.0	41.0
	32	APZ 1		0	345	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	5	APZ 1		30	345	20	Sig Incompat	20.0	1.0	0.0	0.0	0.0	79.0
II.6.B.3	14	APZ 2		0	482	0	Gen Compat	10.0	0.0	10.0	5.0	0.0	75.0
	23	APZ 2		30	482	0	Gen Compat	5.0	0.0	0.0	0.0	25.0	70.0
	32	APZ 2		0	482	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	5	APZ 2		50	482	7	Incompat	15.0	0.0	2.0	0.0	5.0	78.0

DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES					
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN

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II.6.B.4	65-70	500	2,590	15	Sig Incompat	46.0	0.0	1.0	1.0	6.0	46.0
II.6.B.5	70-75	100	1,350	30	Sig Incompat	39.0	0.0	0.0	0.0	0.0	61.0
II.6.B.6	75-80	10	576	2	Gen Compat	2.0	0.0	0.0	0.0	0.0	98.0
II.6.B.7	80+	0	680	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

II.6.C The most recent, publicly released AICUZ study is dated Sep 80

II.6.D Current AICUZ study's flying activities subsection does not reflect all currently assigned aircraft
 Subsection does Not reflect the number of daily flying operations conducted by all assigned aircraft
 Current AICUZ study's flight track figure/map does Not reflect current flight tracks.
 Explanation of areas where the current AICUZ study does not reflect the current situation:

ALTHOUGH THE FLIGHT TRACKS IN THE CURRENT AICUZ MAY BE SIMILAR TO THOSE USED TODAY. THEY DO NOT REFLECT CURRENT OPS. SINCE 1980 AICUZ, ALL SVCS UTILIZING THE AIRFIELD (ANG, ARNG, USCG) HAVE CHANGED A/C ONCE. ERGO., NOISE ISOPLETHS ARE NOT CURRENT.

II.6.E The study has not been updated

The study is no longer valid. Milestones for updateing the study:

II.6.E.1 AICUZ completed but not released to public

II.6.F Local governments have incorporated AICUZ recommendations into land use controls

II.6.F.1 AICUZ recommended height restrictions.

Government name:	Types of controls in place	Types of encroachment limited:
BOURNE		
FALMOUTH		
MASHPEE		
SANDWICH		

II.6.F.2 AICUZ recommended development limits for Accident Potential Zone 1.

Government name:	Types of controls in place	Types of encroachment limited:
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	FALMOUTH SANDWICH		
II.6.F.3	AICUZ recommended development limits for Accident Potential Zone 2.		
	Government name: FALMOUTH SANDWICH	Types of controls in place	Types of encroachment limited:
II.6.F.4	AICUZ recommended development limits between the 65 Ldn and 70 Ldn Noise Contours.		
	Government name: FALMOUTH SANDWICH	Types of controls in place	Types of encroachment limited:
II.6.F.5	AICUZ recommended development limits between the 70 Ldn and 75 Ldn Noise Contours.		
	Government name: FALMOUTH SANDWICH	Types of controls in place	Types of encroachment limited:
II.6.F.6	AICUZ recommended development limits between the 75 Ldn and 80 Ldn Noise Contours.		
	Government name: FALMOUTH	Types of controls in place	Types of encroachment limited:

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SANDWICH

II.6.G Assessment of significant development (i.e., residential subdivision, shopping mall, or center, industrial park, etc.) existing or anticipated within any of the 7 AICUZ zones.

No significant development currently exists in any AICUZ zone.

No significant development is projected for any AICUZ zone.

No long range (20 year) development trends in the 7 AICUZ zones are evident.

II.6.H Population figures and projections:

II.6.H.1 Communities in the vicinity of the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
SANDWICH	2082	5239	7500	10300	11250
MASHPEE	867	1288	3300	5200	8500
FALMOUTH	13037	15942	23600	28800	29500
BOURNE	14011	12636	12000	14000	13800

II.6.H.3 County (ies) encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
BARNSTABLE COUNTY	43460	54314	76400	94400	103050

II.6.I Clear zone acquisition has Not been completed.

Runway approach	Extent of acquisition	Expected acquisition date	Expected acquisition cost
32	26 acres	TBD	\$ 2 M

II.6.J All existing on base facilities are sited in accordance with AICUZ recommendations.

Planned on base facilities not sited in accordance with AICUZ recommendations:

Air Space Encroachment

II.6.K Noise complaints are received from off base residents.

II.6.K.1 1.0 noise complaints per month (average) are received from off base residents.

II.6.L The base has implemented noise abatement procedures as follows:

II.6.L.1 USE OF NOISE-ABATEMENT RUNWAY, REDUCED THROTTLE SETTINGS, AND A ROUTE THAT AVOIDS POPULATED AREAS. THE BASE HAS INVESTED OVER \$380,000 IN NOISE SUPPRESSION EQUIPMENT AND AIRCRAFT RUNUP AREA

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 2 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is MHE

III.1.A.1.b Current MHE: TWO 10K FORKLIFTS

III.1.A.2 3 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:				Remarks:
	Can land	Can taxi	Can park	Can refuel	
747					ONLY ON AN EMERGENCY OR MINIMUM OPERATIONAL BASIS
C-5					ONLY ON AN EMERGENCY OR MINIMUM OPERATIONAL BASIS
KC-10					ONLY ON AN EMERGENCY OR MINIMUM OPERATIONAL BASIS

III.1.C The base has an operational fuel hydrant system:

III.1.C.1 The fuel hydrant system is available to transient aircraft.

III.1.C.2 11 hydrant pits are operational.

Description of base fuel hydrant system:

System Type:	Total Pumping Rate (GPM):	Number of Laterals:	Number of Usable Refueling Positions:	Number of SIMULTANEOUS aircraft refuelings of	
				Narrow	Widebody
PRITCHARD	600	2	11	1	1

III.1.C.3 4 fuel storage tanks support the operational fuel hydrant system:

Storage tank Capacity:	Tanks with this capacity
50000	4

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- III.1.C.4 The hydrant system is 0.1 miles from the bulk storage area.
- III.1.C.5 No pits are certified for hot_pit operations.
- III.1.D The base bulk storage facility is Not serviced by a pipeline.

III.1.D.3

Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP).
Storage for others is excluded.

- III.1.D.4 Other receipt modes available: NONE
- There are No offload headers.
- 2 tank trucks can be simultaneously offloaded
- Tank cars can Not be offloaded.

III.1.D.5 1 refueling unit fillstands are available.

III.1.D.5.a 1 refuelers can be filled simultaneously.

III.1.D.6 Current dispensing capabilities as defined in AFR 144-1

sustained:	588
maximum:	588

III.1.D.7 The base is directly supported by an intermediate Defense Fuels Supply Point (DFSP).

III.1.D.7.a Supporting DFSP: DFSP (UY7105) MELVILLE FUEL FARM, PORTSMOUTH, RI

III.1.E Cat 1.1 and 1.2 munitions storage requirements and capacity.

III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:

Square footage available (including physical capacity limit):

III.1.E.2 Normal installation mission storage requirement:

	Cat 1.1	Cat 1.2
Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:	12998	32000
Square footage available (including physical capacity limit):	7480	18640
Normal installation mission storage requirement:	6020	400

Physical Limits for Cat 1.1 Munitions:

SIZE OF STRUCTURE AND EXPLOSIVE ITEM COMPATABILITY.

Physical Limits for Cat 1.2 Munitions:

SIZE OF STRUCTURE AND EXPLOSIVE ITEM COMPATABILITY.

III.1.F The base has a dedicated hot cargo pad.

III.1.F.1 Hot cargo pad access limitations:

ANY AIRCRAFT USING THIS LOCATION MUST BE ABLE TO PERFORM A 180 DEGREE TURN ON A 75' WIDE TAXIWAY.

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- III.1.F.2** The size of the hot cargo pad is 22,000 sq feet.
- III.1.F.3** The sited explosive capacity of the hot cargo pad is 30,000
- III.1.F.4** The hot pad access is taxi-on/taxi-off.
- III.1.F.5** The taxiway servicing the hot pad is 110 ft wide and has a pavement classification number (PCN) of 93.
- III.1.F.6** Aircraft using pad over the last 5 years:
- C-130 AND C-141
- III.1.G** Proximity (within 150 NM) to mobilization elements.
- III.1.G.1** The base is over 150 NM from a ground force installation.
- III.1.G.2** The base is proximate to a railhead.
- | Railheads within 150 NM: | |
|---------------------------|--------|
| Brunswick - NAS | 137 NM |
| E. Greenwich - Davisville | 43 NM |
| Falmouth - North Falmouth | 4 NM |
| Groton - New London | 73 NM |
| Kittery | 86 NM |
- III.1.G.3** The base is over 150 NM from a port.
- III.1.H** The base has a dedicated passenger terminal.
- III.1.I** The base has a dedicated deployment facility capable of handling DoD standardized cargo pallets.
- III.1.J** The base medical treatment facility does Not routinely receive referral patients.
- III.1.K** No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

III.1.L The base medical facility performs No unique missions.

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Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

III.1.M Base medical facilities have No facilities projects planned to begin before to 1999.

Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.

III.1.N Base facilities have No excess storage capacity.

III.1.N.1 Base facilities have No covered storage capacity.

III.1.N.2 Breakout of the total covered storage capacity:

Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store):	0 sq ft
Mobility storage:	0 sq ft
War Readiness Support Kits (WRSK) storage:	0 sq ft

III.1.O 111 light military vehicles are on base.

III.1.P 114 heavy military and special vehicles are on base.

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Section IV

1. Base Budget

IV.1 Non-payroll portion of the base budget for prior years:

IV.1.A		xxx56 Environmental Compliance			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
FY-91	Appropriation	Direct	Reimbursable					
3840		89.50 \$sK	0.00 \$sK	89.50 \$sK				
FY-92	Appropriation	Direct	Reimbursable					
3840		177.00 \$sK	0.00 \$sK		177.00 \$sK			
FY-93	Appropriation	Direct	Reimbursable					
3840		394.90 \$sK	0.00 \$sK			394.90 \$sK		
FY-94	Appropriation	Direct	Reimbursable					
3840		507.00 \$sK	0.00 \$sK				507.00 \$sK	
xxx56 TOTALS:				89.50 \$sK	177.00 \$sK	394.90 \$sK	507.00 \$sK	
IV.1.B		xxx76 Real Property Maintenance A			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
FY-91	Appropriation	Direct	Reimbursable					
3840		2,963.10 \$sK	0.00 \$sK	2,963.10 \$sK				
FY-92	Appropriation	Direct	Reimbursable					
3840		257.10 \$sK	0.00 \$sK		257.10 \$sK			
FY-93	Appropriation	Direct	Reimbursable					
3840		0.00 \$sK	0.00 \$sK			0.00 \$sK		
FY-94	Appropriation	Direct	Reimbursable					
3840		0.00 \$sK	0.00 \$sK				0.00 \$sK	
xxx76 TOTALS:				2,963.10 \$sK	257.10 \$sK	0.00 \$sK	0.00 \$sK	
IV.1.C		xxx78 Real Property Maintenance S			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
FY-91	Appropriation	Direct	Reimbursable					
3840		583.20 \$sK	0.00 \$sK	583.20 \$sK				
FY-92	Appropriation	Direct	Reimbursable					
3840		66.80 \$sK	0.00 \$sK		66.80 \$sK			
FY-93	Appropriation	Direct	Reimbursable					
3840		1,209.90 \$sK	0.00 \$sK			1,209.90 \$sK		
FY-94	Appropriation	Direct	Reimbursable					
3840		16.00 \$sK	0.00 \$sK				16.00 \$sK	
xxx78 TOTALS:				583.20 \$sK	66.80 \$sK	1,209.90 \$sK	16.00 \$sK	
IV.1.D		xxx90 Audio Visual			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
FY-91	Appropriation	Direct	Reimbursable					

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		3840	0.00 \$sK	0.00 \$sK	0.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK		0.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK			0.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK				0.00 \$sK
		xxx90 TOTALS:						0.00 \$sK
IV.1.E	xxx95	Communications			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
		Appropriation	Direct	Reimbursable				
	FY-91	3840	618.30 \$sK	0.00 \$sK	618.30 \$sK			
	FY-92	3840	368.20 \$sK	0.00 \$sK		368.20 \$sK		
	FY-93	3840	367.00 \$sK	10.20 \$sK			377.20 \$sK	
	FY-94	3840	199.00 \$sK	0.00 \$sK				199.00 \$sK
		xxx95 TOTALS:			618.30 \$sK	368.20 \$sK	377.20 \$sK	199.00 \$sK
IV.1.F	xxx96	Base Operating Support			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
		Appropriation	Direct	Reimbursable				
	FY-91	3840	4,912.70 \$sK	1,582.50 \$sK	6,495.20 \$sK			
	FY-92	3840	4,280.20 \$sK	1,610.80 \$sK		5,891.00 \$sK		
	FY-93	3840	3,392.80 \$sK	1,528.10 \$sK			4,920.90 \$sK	
	FY-94	3840	2,534.00 \$sK	456.80 \$sK				2,990.80 \$sK
		xxx96 TOTALS:			6,495.20 \$sK	5,891.00 \$sK	4,920.90 \$sK	2,990.80 \$sK

2. Relocation Costs

IV.2 -Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:

Total relocation costs: \$ 0.00 K

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Section IV/V Level Playingfield COBRA Data

One time closure costs: 57\$sM

Twenty year Net Present Value (154)\$sM

Steady state savings 15\$sM per year

Manpower savings associated with closure 298

Return on Investment (years): 4

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Section VI Economic Impact

Economic Area Statistics:

Barnstable-Yarmouth, MA NECMA

Total population: 189,000 (FY 92)

Total employment: 97,525 (FY 93)

Unemployment Rates (FY93/3 Year Average/10 Year Average)

8.9% / 10.1% / 6.5%

Average annual job growth: 1,469

Average annual per capita income: \$23,592

Average annual increase in per capita income: \$4.4%

Projected economic impact:

Direct Job Loss: 1,876

Indirect Job Loss: 727

Closure Impact: 2,603 (2.7% of employment total)

Other BRAC Losses: 0

Cumulative Impact: 2,603 (2.7% of employment total)

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Section VII

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Section VIII

1. Air Quality - Clean Air Act

VIII.1.A Air Quality Management District for the base: SOUTHEASTERN MASSACHUSETTS AIR POLLUTION CONTROL REGULATION

VIII.1.B The base is located within a maintenance or non-attainment area for specific pollutants.

VIII.1.B.1 No pollutants in maintenance

VIII.1.B.2 Non-attainment area regulated pollutant(s) and severity:

Ozone	Serious
-------	---------

VIII.1.C There are critical air quality regions within 100 kilometers of the base

(Critical air quality regions are non-attainment areas, national parks, etc.)

VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.

(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)

VIII.1.D.1 The base has NOT been required to implement emissions reduction through special actions

(i.e. carpooling or emissions credit transfer)

VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:

VIII.E.1 Aerospace Ground Equipment (AGE):

E.1.a No state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.

E.1.b The state or local air quality regulatory agency Requires permits for such units.

E.1.c No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.

E.1.d No state or local air quality regulatory agency Requires retrofit controls for AGE.

VIII.E.2 Infrastructure Maintenance / Public Works

E.2.a No state or local air quality regulatory agency Regulates or conditionally exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).

E.2.b No state or local air quality regulatory agency Limits the hours of these activities.

E.2.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.

E.2.d No state or local air quality regulatory agency Requires emission offsets for these activities.

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VIII.E.3 Open Burn/Open Detonation

- E.3.a The state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b The state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b The state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a No state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b No state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergency generators.
- E.6.d No state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

VIII.2.A The base potable water supply is On-base and the source is:

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AQUIFER

VIII.2.B There are constraints to the base water supply. Type constraints include:

Quantity constraints

VIII.2.C The base potable water supply does not constrain operations

(Contaminants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is contaminated.

VIII.3.A.1 Nature of contamination. FORMER SPILLS OF FUEL AND CLEANING SOLVENTS. ALSO LANDFILL DEBRIS.

VIII.3.A.2 The contaminated groundwater is a potable water source

VIII.3.B The base is actively involved in groundwater remediation activities.

VIII.3.C 3 water wells exist at the base.

VIII.3.D 2 wells have been abandoned for the following reasons:

CONTAMINATION

4. Water - Surface Water

VIII.4.A The following perennial bodies of water are located on base.

VIII.4.A.1	Location	Surface area size
	46 11 25 X 03 73	0.59 Acres
	46 12 66 X 03 74 14	4.44 Acres

VIII.4.A.2 These bodies receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is Not located within a specified drainage basin.

VIII.4.B Special permits are Not required

(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

VIII.4.C There is known contamination to the base or local community surface water

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VIII.4.C.1 Nature of the contamination:

SOLVENTS FROM FIRE-TRAINING . NUTRIENTS FROM WASTEWATER
TREATMENT PLANT. SOLVENTS FROM STORM DRAIN 5

VIII.4.C.2 The contaminated surface water is Not a potable water source.

5. Wastewater

VIII.5.A Base wastewater is treated by On-Base facilities.

VIII.5.B The following 2 wastewater treatment facilities (industrial/domestic) are located on-base:

INDUSTRIAL
ONE DOMESTIC

VIII.5.C There are discharge (treatment) violations or outstanding discharge (treatment) open enforcement actions pending.

VIII.5.C.1

Violation date
Oct 87Nature of violation
ADMINISTRATIVE ORDER, MA DEPT OF
ENVIRONMENTAL PROTECTION,
VIOLATIONS OF EFFLUENTS AND UPGRADE
PLANT.Current status of violation
CONSTRUCTION OF NEW PLANT
COMMENCED DEC 93.Compliance
attainment date
Dec 95

6. Discharge Points / Impoundments

VIII.6.A There any No National Pollutant Elimination System permits in effect.

VIII.6.B The base currently discharges treated wastewater ON-Base. Description of treated wastewater discharge location:

THE EFFLUENT IS DISCHARGED TO ON-BASE SAND FILTER BEDS AND FILTERS DOWN TO THE GROUNDWATER WHICH
FLOWS TO THE TOWN OF FALMOUTH. THIS AQUIFER IS A SOURCE OF DRINKING WATER TO THE TOWN.

VIII.6.C The base has discharge impoundments.

VIII.6.C.1 There are No water/wastewater treatment impoundments.

VIII.6.C.2 There are 2 industrial wastewater treatment impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 100.0 percent of facilities have been surveyed for asbestos.

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VIII.7.A.1 100.0 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 0 facilities are considered regulated areas or have restricted use due to friable asbestos.

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8. Biological - Habitat

- VIII.8.A** There are No ecological or wildlife management areas ON the base. Ecological or wildlife management areas ADJACENT TO the base:
CRANE WILDLIFE MANAGEMENT AREA AND PRESERVE
- VIII.8.A.1** Natural areas on or adjacent to the base are generally recognized as important ecological sites.
THE MMR HAS SIGNIFICANT HABITATS IN THE DEVELOPMENT OF THE UPLAND SANDPIPER, A STATE ENDANGERED SPECIES.
- VIII.8.B** No critical/sensitive habitats have been identified on base .
- VIII.8.C** The base does not have a cooperative agreement for conducting a hunting and fishing program.
Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.
- VIII.8.D** The presence of these resources constrains CURRENT construction activities/operations:
The presence of these resources does not constrain FUTURE construction activities/operations.
RECOMMENDATIONS TO LIMIT ACTIVITY IN THE AREAS IDENTIFIED AS HABITAT FOR THE UPLAND SANDPIPER FROM 1 MARCH TO 31 JULY APPEAR IN THE SOURCE DOCUMENT.

9. Biological - Threatened and Endangered Species

- VIII.9.A** Threatened and/or endangered species identified on the base:

Species	Kingdom			Remarks
BIRD - UPLAND SANDPIPER, NORTHERN HARRIER, GRASSHOPPER SPARROW	Animal	State	Listed	Endangered

- VIII.9.B** Special Concern species identified on the base:

Species	Kingdom			Remarks
GRASSHOPPER SPARROW	Animal	State		Special Concern
NORTHERN HARRIER	Animal	State		Special Concern
UPLAND SANDPIPER,	Animal	State		Special Concern

- VIII.9.C** The presence of these species constrains current or future construction activities or operations as follows:
RECOMMENDATIONS TO LIMIT ACTIVITY IN THE AREAS IDENTIFIED AS HABITAT FOR THE UPLAND SANDPIPER FROM 1 MARCH TO 31 JULY APPEAR IN THE SOURCE DOCUMENT.

10. Biological - Wetlands

- VIII.10.A** Wetlands, estuaries, or other special aquatic features present on the base:

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VIII.10.A.1 Identification and type of wetland:	Approximate acreage:
1 DEFINED WETLAND (A)	1
1 DEFINED WETLAND (B)	3

VIII.10.A.2 The base is Not involved in jointly-managed programs for protection of these resources.

VIII.10.B The base has Not been surveyed for wetlands in accordance with established federally approved guidelines.

VIII.10.C No part of the base is located in a 100-year floodplain.

VIII.10.D The presence of these resources does Not constrain current or future construction activities or operations.

11. Biological - Floodplains

VIII.11.A There are No floodplains on the base.

12. Cultural

VIII.12.A No historic, prehistoric, archaeological sites or other cultural resources are located on the base.

VIII.12.B 4 percent of the buildings on base are over 50 years old.

VIII.12.C No Historic Landmark/Districts, or NRHP properties are located on base.

VIII.12.C.1 No properties have been determined to be or may be eligible for the NRHP.

VIII.12.C.2 Buildings and structures have not been surveyed for Cold War or other historical significance.

VIII.12.D The base has Not been archeologically surveyed.

VIII.12.D.1 Not Applicable.

VIII.12.D.2 No archeological sites have been found.

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VIII.12.D.3 No archeological collections are housed on base.

VIII.12.D.4 No Native Americans or others use/identified sacred areas or burial sites on or near base.

VIII.12.E The base has no agreements with historic preservation agencies.

Agreements include Programmatic Agreements and Memorandum of Agreements.

Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 78 IRP sites have been identified

VIII.13.A.2 No IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 2000

VIII.13.B The installation is a National Priority List (NPL) site or has been proposed as an NPL site.

VIII.13.C Federal Facility Agreements to clean up the base are in place.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There are no known uncontrolled or unregulated occurrences of specific contaminate types or sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E No sites or SWMUs are currently being investigated and remediated pursuant to the RCRA.

SWMU - Solid Waste Management Units
RCRA - Resource Conservation and Recovery Act

VIII.13.F The IRP currently restricts construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
CAA/CWA INITIATIVES	\$596.000 K	\$3,968.000 K	\$0.000 K	\$60.000 K	\$28.000 K
Hazardous Waste Disposal/Remediation	\$682.000 K	\$315.000 K	\$270.000 K	\$270.000 K	\$275.000 K
IRP	\$12,597.000 K	\$5,254.000 K	\$14,000.000 K	\$14,815.000 K	\$10,500.000 K
Natural Resources	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
Permits	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K

15. Other Issues

VIII.15.A Description of other activities which may constrain or enhance base operations:

STATE: MASSACHUSETTS IS NON-ATTAINMENT FOR OZONE.

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16. Air Quality - Clean Air Act

VIII.16.A Air Quality Control Area (AQCA) geographic region in which the base is located:
SOUTHEASTERN MASSACHUSETTS AIR POLLUTION CONTROL DISTRICT

VIII.16.B Air quality regulatory agency responsible for the AQCA: MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION

VIII.16.B Name and phone number of the AQCA program manager for issues pertaining to the base:

MR JOHN WINKLER

508-946-2779

The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:

VIII.16.C.1 In Non-Attainment for Ozone

VIII.16.C.2 In Attainment for Carbon Monoxide

VIII.16.C.3 In Non-Classifiable for Particulate matter (PM-10)

VIII.16.C.4 In Attainment for Sulfur Dioxide

VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NO_x)

VIII.16.C.6 In Attainment for Lead

VIII.16.C.7 The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT

VIII.16.D.1 Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located: 0.17 ppm

VIII.16.D.2 Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located: 9.5 ppm

VIII.16.D.3 Ozone Design value is 139.2% of NAAQS

VIII.16.D.4 Carbon monoxide Design value is 105.6% of NAAQS

VIII.16.E.1 The EPA-designated severity of nonattainment for OZONE is Serious

VIII.16.E.2 SOUTHEASTERN MASSACHUSETTS AIR POLLUTION CONTROL DISTRICT

VIII.16.E.3 Multi-state ozone transport region for the base: OZONE NORTHEAST TRANSPORT REGION

VIII.16.E.4 The base is Not in a rural transport area

VIII.16.E.5 The EPA has Not proposed that the AQCA severity of nonattainment for OZONE be redesignated

VIII.16.G. Specific ozone precursor (Volatile organic compounds(VOCs) and nitrogen oxides (NO_x) emissions for the base:
based on the AQCA 1990 baseline AND in the required attainment year
inventory.

	VOCs		NO _x		VOCs		NO _x
Mobile Source Including Aircraft	G.1.a	35	G.1.d	61	G.2.a	35	G.2.d
							61

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Military Aircraft Associated with the Base	G.1.b	35	G.1.e	61	G.2.b	35	G.2.e	61
Stationary Source	G.1.c	25	G.1.f	38	G.2.c	25	G.2.f	38

Amount of reduced annual emissions of VOCs and NOx resulting from permanent reductions in base activity levels, process changes, or any other measures implemented at the base since 1 Jan 1990

	VOCs	NOx
Mobile Source Including Aircraft	G.3.a	G.3.c
Stationary Source	G.3.b	G.3.d
	0	1
	1	54

Amount of increased annual emissions of VOCs and NOx resulting from increased activity levels, facility expansion, process changes, or other means implemented at the base since 1 Jan 1990

Mobile Source Including Aircraft	G.4.a	G.4.c
Stationary Source	G.4.b	G.4.d
	0	0
	0	0

Computed allowable growth	VOCs	NOx
Mobile Source Including Aircraft	G.5.a	G.5.c
Stationary Source	G.5.b	G.5.d
TOTAL	G.5.e	G.5.f
	0	1.64%
	4.00%	142.11%
	1.67%	55.56%

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Section IX

ARC Installations and Bases with ARC Units

- IX.1 All regularly used ground training facilities are on base.
- IX.2 Flying units supporting Aeromed/Arial ports accomplish training locally.
- IX.3 Available dormitory space will house 100.0 percent of the population requiring billets
- IX.3.A 27.0 percent of the reservists/guardsmen require billeting during drill weekends.
- IX.3.B 0.0 percent drill billeting requirements are met with commercial billeting establishments.
- IX.4 Adequate dining facilities are available.
- IX.5 A physical fitness center is available.
The fitness center is adequate
- IX.6 A consolidated club is available.
The consolidated club is adequate, remarks follow:
- IX.7 Ninety percent of the unit's population
Is within 60 min travel time from the base.
Lives within 50 miles of the base.
- IX.8 25.6 Percent of the recruiting areas's population is in the recruitable range.
- IX.9 2,469,522 is the total population of the recruiting area.
- IX.10 72.0 percent of the recruitable population has completed high school.
- IX.11 Authorization data over the last 5 years is not available.
- IX.12 There are a total of 5 other reserve components in the local recruiting area:
NAS SOUTH WEYMOUTH. 20 ARMY RESERVE/GUARD, TWO MARINE CORPS UNITS AND COAST GUARD RESERVE
- IX.13 The current total reserve component population is 0.00 percent of the recruitable age range.
- IX.14 93.7 percent is the average AFRES/ANG personnel retention rate.

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Retention rate uses data from the last 2 fiscal years. One time events which may have caused abnormalities include unit moves and/or weapons system conversions.

IX.15 Unit reservist/guardsman participated in 15.2 (ave) title 10 and/or title 32 active duty days beyond Annual Tours and Drill periods for FY92-3, and FY94 (est)

IX.16 Other government aviation units are collocated on the airfield. Base operating support is provided as follows:

IX.16.A	POL:	Host Unit	<i>Definitions:</i>	
IX.16.B	Security:	Joint Facilities	<i>Host Unit</i>	<i>At least 75% provided by the installation host</i>
IX.16.C	Base Supply:	Separate	<i>Tenant Unit</i>	<i>At least 75% provided by collocated tenant unit</i>
IX.16.D	Tower/ATC:	Host Unit	<i>Separate</i>	<i>At least 75% provided internally by each collocated unit</i>
IX.16.E	Base CF:	Host Unit	<i>Joint facilities</i>	<i>More than 25% provided in a shared arrangement between collocated DOD units</i>
			<i>Civil</i>	<i>All support provided through contract or civilian airport authority</i>

Document Separator

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Patrick AFB - AFSPC

Section I

1. Force Structure

I.1.A List of all on base NAF and non-Air Force activities:

	Unit or Activity:	Personnel Authorizations for FY93/4			
		Officer	Enlisted	Civilian	Total
I.1.A.1	Army	38	61	60	159
I.1.A.2	NAF	-	-	785	785
I.1.A.3	NASA	-	-	59	59
I.1.A.4	Navy	53	254	164	471
I.1.A.5	Non Govt	-	-	37	37
I.1.A.6	Other Govt	75	171	240	486
I.1.A.7	US Coast Guard	28	180	-	208
TOTAL:					2205

I.1.B Remote/Geographically Separated Units receiving more than 50% of Base Operational Support from the base:

I.1.B.1	Supported Unit: AFELM, JTF 4 Location: KEY WEST, FL Support provided: LOG/ADMIN HTSA	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.2	Supported Unit: 23 IS Location: KEY WEST, FL Support provided: LOG/ADMIN HTSA	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.3	Supported Unit: 333 USAF RECRUITING Location: ALL OF FLORIDA Support provided: LOG/ADMIN HTSA	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.4	Supported Unit: AIR FORCE ROTC Location: ALL OF FLORIDA Support provided: LOG/ADMIN HTSA	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.5	Supported Unit: JTF/ESC Location: MELBOURNE, FL Support provided: LOG/ADM/SUPL/PMEL/WX H	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.6	Supported Unit: OL-AG PHILLIPS LAB Location: MALABAR, FL Support provided: LOG/ADMIN HTSA	GSU	GSU - Geographically Separated Unit REM - Remote Unit

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Patrick AFB - AFSPC

2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

I.2.A.1 Some of the base ATCALs are officially part of the NAS.

I.2.A.2 Details for specific ATC facilities:

	(A.2) ATC Summary:		(A.3) Detailed traffic counts:				
	Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	ILS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
RAPCON	3	172323	158327	13996	29471	N/A	763
Tower	2	70311	31237	39074	N/A	N/A	N/A

I.2.A.4 The primary instrument runway is designated 02

13025 operations were conducted this runway during calander year 1993

I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:

None are known.

I.2.A.6 The base does Not experience ATC delays.

B. Geographic Location

I.2.B.1 Nearest major primary airlift customer: FORT STEWART distance 224 NM

Nearest major primary airdrop customer: MACDILL AFB distance 104 NM

I.2.B.2 Distance to foward deployment Air Bases:

Lajes AB: 2740 NM

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Rota AB: 3784 NM
 Hickam AFB: 4224 NM
 RAF Mildenhall: 3887 NM

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway >= 3,000ft	MACDILL AUX	53
I.2.B.4	Military airfield, runway >= 8,000ft	MACDILL AUX	53
I.2.B.5	Military airfield, runway >= 10,000ft	MACDILL AFB	104
I.2.B.6	Military or civilian airfield, runway >= 3,000ft	Orlando Int'l	43
I.2.B.7	Military or civilian airfield, runway >= 8,000ft	Orlando Int'l	43
I.2.B.8	Military or civilian airfield, runway >= 10,000ft	Orlando Int'l	43
I.2.B.9	Civilian airfield, runway >= 8,000ft for capable of conducting short term operations	Melbourne Int'l	7
I.2.B.10	Civilian airfield, runway >= 10,000ft for capable of conducting short term operations	Orlando Int'l	43

I.2.B.11 Other runways on base can be used for emergency landings.

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 Supersonic Air Combat Training (ACBT) MOAs and warning/restricted areas, with a minimum size of 4,200 sq NM, within 300 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-158A	97 NM	W-497 A,B	100 NM	W-497B	115 NM
W-168 A,B,C	180 NM	W-168A	188 NM	W-157A	189 NM
W-470 A,B,C,D,E	208 NM	W-132A,B/W-134/W-157A	213 NM	W-174 A,B,C,D,F,G	250 NM
W-132 A,B	252 NM	W-174B	265 NM	W-151 A,B,C,D	291 NM

I.2.C.2 MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft, within 200 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-497A	38 NM	W-158A	97 NM	W-497 A,B	100 NM
W-497B	115 NM	W-158B	119 NM	W-168 A,B,C	180 NM
W-168A	188 NM	W-157A	189 NM		

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

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Area Name	Distance	Area Name	Distance	Area Name	Distance
W-497A	38 NM	W-158A	97 NM	W-497 A,B	100 NM
W-497B	115 NM	W-158B	119 NM	W-168 A,B,C	180 NM
W-168A	188 NM	W-157A	189 NM	W-470 A,B,C,D,E	208 NM
W-157B	212 NM	W-132A,B/W-134/W-157A	213 NM	W-157C	216 NM
W-174A	224 NM	W-465 A,B,C,	242 NM	W-174 A,B,C,D,F,G	250 NM
W-132 A,B	252 NM	W-151D	262 NM	W-174B	265 NM
W-151B	271 NM	W-174D	280 NM	W-151 A,B,C,D	291 NM
W-161A,B/W-177A,B	306 NM	W-177A	316 NM	W-151A	321 NM
W-122J	334 NM	W-155B	364 NM	W-155 A,B	366 NM
W-122I	371 NM	W-122G	406 NM	W-122 A,B,C,D,E,F,G,H,I,	411 NM
W-122F	419 NM	W-122 D	432 NM	W-122 E	432 NM
W-122C	469 NM	W-122 A,B,C,F,G,H,I,J	481 NM	W-92	531 NM
W-72A	559 NM	W-72 A,B	571 NM	W-72B	572 NM

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
AVON PARK BRAVO/FO	49 NM	AVON PARK CHARLIE/E	49 NM	PINECASTLE	79 NM
TOWNSEND	202 NM	GRAND BAY	210 NM	EGLIN C62	327 NM
EGLIN C52	330 NM	POINSETT	335 NM	CHERRY POINT BT-11	457 NM
SHELBY EAST	469 NM	SHELBY WEST	473 NM	USAF DARE COUNTY	507 NM
NAVY DARE COUNTY	511 NM	CLAIBORNE	669 NM	JEFFERSON PROVING G	689 NM
ATTERBURY	715 NM	WARREN GROVE	753 NM	INDIANTOWN GAP	757 NM

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

BEAUFORT TACTS	186 NM
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I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

HOMESTEAD ACMI	171 NM
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I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

AVON PARK BRAVO/	49 NM
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I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	3	9	14	30	65	77
SR	0	0	0	11	26	84
VR	2	11	13	38	82	109

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Total Routes:	5	20	27	79	173	270
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Identify Routes:

IR-048 55 NM	IR-055 59 NM	VR-1039 88 NM	IR-047 90 NM	VR-1089 92 NM		
IR-049 103 NM	IR-050 103 NM	VR-1098 103 NM	IR-051 103 NM	VR-1009 108 NM	IR-033 112 NM	
IR-020 117 NM	VR-1097 119 NM	VR-1010 122 NM	VR-1087 134 NM	VR-1088 134 NM	VR-1006 136 NM	
VR-1007 136 NM	IR-046 146 NM	VR-1008 149 NM				
IR-019 152 NM	VR-1004 174 NM	VR-1002 177 NM	IR-053 182 NM	IR-034 189 NM	IR-056 189 NM	
IR-032 194 NM						
VR-1066 203 NM	VR-1011 205 NM	VR-1001 208 NM	VR-1003 219 NM	IR-015 223 NM	VR-1065 223 NM	
IR-018 223 NM	VR-094 233 NM	IR-016 248 NM	VR-1041 249 NM	IR-023 261 NM	VR-1049 292 NM	
VR-1005 307 NM	VR-1013 307 NM	SR-166 310 NM	IR-036 322 NM	IR-030 323 NM	IR-031 323 NM	
SR-038 347 NM	IR-017 349 NM	VR-1017 349 NM	SR-039 350 NM	IR-057 353 NM	SR-106 353 NM	
SR-104 353 NM	IR-059 353 NM	SR-103 353 NM	SR-101 353 NM	VR-1059 354 NM	VR-1082 355 NM	
VR-1084 355 NM	VR-1085 355 NM	VR-1040 359 NM	IR-035 361 NM	VR-1069 361 NM	VR-1074 363 NM	
IR-021 367 NM	IR-090 369 NM	VR-1070 370 NM	VR-1060 377 NM	VR-1056 379 NM	IR-012 385 NM	
SR-069 387 NM	SR-070 387 NM	SR-072 387 NM	SR-071 387 NM	VR-095 390 NM	VR-088 392 NM	
IR-041 393 NM	VR-087 393 NM	VR-1067 393 NM	IR-063 393 NM			
SR-035 401 NM	SR-040 401 NM	SR-037 401 NM	SR-036 401 NM	VR-060 406 NM	IR-083 411 NM	
IR-074 413 NM	IR-082 414 NM	VR-097 417 NM	VR-058 418 NM	SR-102 419 NM	IR-038 420 NM	
VR-1020 420 NM	IR-022 422 NM	IR-040 423 NM	VR-1024 423 NM	VR-1023 423 NM	VR-1021 423 NM	
IR-042 427 NM	VR-1068 427 NM	IR-037 429 NM	VR-1054 429 NM	VR-1046 429 NM	VR-1043 437 NM	
VR-1022 440 NM	SR-029 443 NM	VR-1052 445 NM	IR-077 448 NM	IR-089 450 NM	VR-085 451 NM	
VR-086 451 NM	IR-079 452 NM	IR-080 452 NM	VR-1030 452 NM	VR-1083 454 NM	IR-081 455 NM	
SR-105 455 NM	IR-069 457 NM	SR-031 468 NM	IR-066 469 NM	IR-067 469 NM	VR-1051 469 NM	
VR-1050 469 NM	VR-179 476 NM	IR-062 477 NM	VR-092 477 NM	SR-030 481 NM	VR-1058 481 NM	
VR-1055 487 NM	IR-075 489 NM	VR-093 491 NM	VR-1031 491 NM	VR-1033 496 NM	VR-1014 498 NM	
VR-1057 505 NM	VR-096 506 NM	IR-002 512 NM	IR-044 514 NM	VR-073 515 NM	VR-1752 522 NM	
IR-743 525 NM	VR-1743 525 NM	IR-726 526 NM	VR-1726 526 NM	VR-1061 529 NM	VR-1721 530 NM	
SR-137 533 NM	IR-091 537 NM	IR-715 540 NM	IR-718 540 NM	VR-1072 544 NM	IR-721 547 NM	
IR-762 562 NM	VR-1756 562 NM	VR-1016 564 NM	IR-719 569 NM	IR-761 573 NM	VR-1751 573 NM	
SR-867 579 NM	IR-720 580 NM	IR-070 585 NM	VR-1032 585 NM	VR-1722 586 NM	IR-714 594 NM	
VR-1754 594 NM	IR-760 594 NM	IR-078 595 NM	VR-1755 595 NM	VR-1753 595 NM	IR-068 596 NM	
SR-871 600 NM	SR-872 600 NM	SR-873 600 NM	SR-874 600 NM			
VR-1759 605 NM	SR-075 611 NM	VR-1196 627 NM	SR-059 629 NM	SR-062 629 NM	SR-060 629 NM	
SR-061 629 NM	SR-225 631 NM	SR-073 637 NM	SR-074 637 NM	SR-820 641 NM	SR-835 641 NM	

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SR-821 641 NM	SR-238 642 NM	IR-723 643 NM	IR-160 649 NM	IR-161 649 NM	VR-1758 661 NM
VR-1709 662 NM	VR-1711 666 NM	VR-1713 666 NM	VR-1712 666 NM	IR-157 669 NM	IR-174 669 NM
IR-608 670 NM	VR-1631 687 NM	VR-1668 688 NM	SR-802 690 NM	SR-803 690 NM	SR-804 690 NM
SR-806 690 NM	SR-808 690 NM	SR-807 690 NM	VR-1632 692 NM	VR-1633 692 NM	IR-716 693 NM
SR-732 700 NM	SR-734 700 NM	SR-735 700 NM	SR-733 703 NM	SR-738 707 NM	SR-737 709 NM
VR-708 712 NM	VR-1667 714 NM	IR-121 719 NM	VR-1103 719 NM	SR-844 721 NM	SR-846 721 NM
SR-845 721 NM	VR-704 728 NM	VR-705 728 NM	VR-1757 729 NM	SR-800 732 NM	SR-801 732 NM
SR-805 732 NM	SR-816 732 NM	SR-822 732 NM	SR-815 732 NM	SR-218 733 NM	SR-220 733 NM
SR-222 733 NM	SR-227 733 NM	SR-226 733 NM	SR-237 733 NM	SR-232 733 NM	SR-231 733 NM
SR-230 733 NM	SR-229 733 NM	SR-221 733 NM	SR-219 733 NM	VR-106 735 NM	IR-618 737 NM
VR-619 737 NM	SR-707 741 NM	SR-708 741 NM	SR-713 741 NM	SR-714 741 NM	SR-711 741 NM
SR-710 741 NM	IR-592 745 NM	VR-1679 746 NM	SR-709 756 NM	SR-715 756 NM	SR-817 756 NM
SR-712 756 NM	SR-847 759 NM	SR-818 764 NM	IR-120 769 NM	VR-1102 769 NM	VR-1641 777 NM
VR-1642 777 NM	SR-239 783 NM	VR-615 791 NM	IR-127 797 NM	VR-187 797 NM	VR-1617 797 NM
VR-1638 797 NM					

I.2.C.9 IR-430 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 1363 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
7	12	20

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance
AR-620	79 NM	AR-202N NORTH	170 NM	AR-638	178 NM	AR-716	187 NM
AR-618	192 NM	AR-655	194 NM	AR-617	198 NM		
AR-627	213 NM	AR-202AN ALTERNA	241 NM	Racoon MOA	276 NM	AR-601	287 NM
AR-200	296 NM						
AR-202S SOUTH	302 NM	AR-207NE NORTHEA	304 NM	AR-600	356 NM	AR-207SW SOUTHW	404 NM
AR-216 NORTHEAST	424 NM	AR-646	466 NM	AR-216 SOUTHWEST	476 NM	AR-633A	499 NM

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
1893	3593

Track	Distance	Events	Track	Distance	Events	Track	Distance	Events	Track	Distance	Events
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Racoon	276 NM	1829	AR-216	424 NM	64	0	0
AR-108	513 NM	140	AR-302	530 NM	445	AR-101	544 NM 217
			AR-203	571 NM	223		

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 276NM from the base."

I.2.C.10d Percentage of tanker demand in region: 27.0

Percentage of tankers based in region: 9.0

Tanker saturation within the region has been classified as tanker Poor

I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
APPOLLO (WATER)	208 NM	✓	✓		0	0
BIFF	293 NM	✓	✓		0	0
BILL BAG	286 NM	✓	✓		0	0
BRAVO	48 NM	✓	✓	✓	6	0
CANE	111 NM	✓	✓		0	0
CLERKIN	297 NM	✓	✓		0	0
ECHO CHARLIE	52 NM	✓	✓	✓	10	0
ELIZABETH WEST	348 NM	✓	✓	✓	3	4
FRYAR	331 NM	✓	✓	✓	4	6
GALLAHAD #1	232 NM				0	1
HARD LUCK	52 NM	✓	✓		8	0
HUNTER	228 NM		✓		0	0
JONES	96 NM	✓	✓	✓	6	0
KAREN	52 NM	✓	✓	✓	8	0
LOWRY LAKE	121 NM	✓	✓		2	0
MACE	109 NM	✓	✓		1	0
MALLON	284 NM	✓	✓		0	0
MCKENNA	330 NM	✓	✓	✓	4	6
NORTHFIELD E-W	323 NM	✓	✓	✓	2	1
NORTHFIELD S-N	323 NM	✓	✓	✓	0	0
OSCAR NOVEMBER	57 NM	✓	✓	✓	8	0
OSCAR QUEBEC	53 NM	✓	✓	✓	8	0
OSCAR QUEBEC REV	53 NM	✓	✓	✓	6	0
PRESTON	317 NM		✓	✓	0	0
QUICK	205 NM	✓			0	0

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REMAGEN	239 NM	✓	✓	✓	1	1
REMAGEN REVERSE	239 NM	✓	✓		1	1
RIM	52 NM	✓	✓	✓	8	0
TAYLORS CREEK	229 NM	✓	✓	✓	1	1
THUNDERBOLT	228 NM	✓	✓		0	0

I.2.C.11.a

Drop Zone

Servicing Instrument and Slow Routes (IRs and SRs)

BRAVO	IR-034	IR-046	IR-047	IR-048	IR-049	IR-055			
ECHO CHARLIE	IR-034	IR-036	IR-037	IR-038	IR-046	IR-047	IR-049	IR-050	IR-055
	IR-056								
ELIZABETH WEST	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
FRYAR	IR-077	IR-078	IR-089	IR-090	SR-038	SR-039	SR-069	SR-070	SR-071
	SR-072								
GALLAHAD #1	SR-038								
HARD LUCK	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
JONES	IR-034	IR-046	IR-047	IR-048	IR-049	IR-055			
KAREN	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
LOWRY LAKE	IR-032	IR-033							
MACE	IR-034								
MCKENNA	IR-077	IR-078	IR-089	IR-090	SR-038	SR-039	SR-069	SR-070	SR-071
	SR-072								
NORTHFIELD E-W	IR-035	IR-036	SR-166						
OSCAR NOVEMBER	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
OSCAR QUEBEC	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
OSCAR QUEBEC REV	IR-034	IR-046	IR-047	IR-048	IR-049	IR-055			
REMAGEN	IR-023	SR-038							
REMAGEN REVERSE	IR-023	SR-038							
RIM	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
TAYLORS CREEK	IR-023	SR-038							

I.2.C.12

Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

ANDERSON-BARTLETT

131 NM

I.2.C.13

Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
BRAVO	48 NM	✓	✓	✓	0	0

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I.2.C.14 **Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM>**

FORT STEWART

224 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 Ranges controlled or managed by the base:

EASTERN RANGE

Information relative to each range:

RANGE: EASTERN RANGE

I.2.D.2 Type of any associated airspace: RESTRICTED AND WARNING AREAS

I.2.D.3 Distance from the base to the range: (in NM)

I.2.D.4 Overall size of the range: 45,000 Acres

I.2.D.4.a Size of the impact area(s): (in Acres)

I.2.D.4.b Size of the restricted area in which the range lies: 475 Sq Mi

I.2.D.4.c Altitude ceiling of this restricted area: 100,000 ft

I.2.D.5 The range shape or location DOES NOT prohibit efficient training

I.2.D.6 Other types of restrictions that exist (i.e. limited hours, exercise only, etc):

NO RESTRICTIONS

I.2.D.7 Regular users (20 or more times /year) of the range:

45 SW
ALL SVCS
COMML USER
NASA

I.2.D.8 Published availability of the range:

BY SCHEDULED OPERATION

Range scheduling statistics (yearly average from 1990 to 93.

I.2.D.8.a Hours scheduled: 12,522 hrs

I.2.D.8.b Hours used: 12,256 hrs

I.2.D.8.c Percent utilized: 97.9

I.2.D.8.d Reasons for non-use:

AIRSPACE IS SCHEDULED FOR SPACE LAUNCH USE, WHICH CAN CHANGE DUE TO INCLEMENT WEATHER AND OTHER MISSION REQUIREMENTS.

I.2.D.9 The range does Not have a full-scale weapons delivery capability.

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- I.2.D.10** **The range does Not have a special weapons delivery capability.**
- I.2.D.11** **The range does Not have a electronic warfare capability.**
- I.2.D.12** **There are No Noise Sensitive Areas associated with the range.**
- I.2.D.13** **There are no commercial / civilian encroachment problems associated with the range**
- I.2.D.14** **The range has No problems with hazardous material / waste/ ordinance disposal**
- I.2.D.15** **There are No MOUs, MOAs or LOAs associated with the range**
- I.2.D.16** **It is possible to expand hours to increase the range utilization, volume can Not be expanded.**
- I.2.D.17** **There are No planned range real property expansions.**

Ranges (Used by the base)

- I.2.D.18** **The base uses other ranges on a regular basis**
- I.2.D.19** **The mission and training is Not adversely impacted by training area airspace encroachment or other conflicts.**

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- I.2.D.20** **MOAs/bombing ranges/other training areas have No scheduling restrictions/limitations.**
- I.2.D.21** **MOAs/bombing ranges/other training areas have No projected scheduling restrictions/limitations.**
- I.2.D.22** **No significant changes/restrictions/limitations effecting the scheduling of low level routes in progress.**

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E. Airspace Used by Base

I.2.E.1 Base schedules or manages no airspace, questions I.2.E.2 to I.2.D.12 skipped.

I.2.E.1.a The base does Not use airspace.

Commercial Aviation Impact

I.2.E.12 The base is Not joint-use (military/civilian).

I.2.E.13 List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
01FL	General Aviation
0FD7	General Aviation
0X9	General Aviation
2FD6	General Aviation
2RR	General Aviation
31FL	General Aviation
3FD6	General Aviation
40X	General Aviation
4FL3	General Aviation
57X	General Aviation
6FD2	General Aviation
77X	General Aviation
CAVALIER GROVES	General Aviation
COI	General Aviation
FD09	General Aviation
FD25	General Aviation
FD37	General Aviation
FD52	General Aviation
FD83	General Aviation
FD92	General Aviation
GIF	General Aviation

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ISM	Commercial
MCO	Commercial
MLB	Commercial
ORL	Commercial
SFB	Commercial
TIX	Commercial
VRB	Commercial
X26	General Aviation
X45	General Aviation
X52	General Aviation
X59	Uncontrolled
X65	General Aviation
X68	Civilian
XMR	Military

I.2.E.14 **Civilian/commercial operators or other airspace users do Not pose scheduling, operational, or environmental constrains or limits.**

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F. Potential for Growth in Training Airspace (Area)

- I.2.F.1** **Expansion of training airspace is possible.**
- I.2.F.1.a** **Estimated expansion potential is 25.0 percent. Rationale for estimate:**
 AIRSPACE IS OVER THE ATLANTIC OCEAN. EXPANSION IS POSSIBLE
- I.2.F.2** **Current access is expected to change.**
- I.2.F.3** **No reductions in training airspace are expected.**
-
- I.2.F.4** **Current special use airspace and training areas meet all training requirements.**
- I.2.F.4.a** **Deployed, off-station training is not required to meet training requirements.**

G. Composite / Integrated Force Training

- I.2.G.1** **Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:**
 AVON PARK AFS
 63 NM from the base.
- I.2.G.2** **DELETED**
- I.2.G.3** **Nearest Naval unit where joint training can be accomplished:**
 NAVY JACKSONVILLE AND MAYPORT
 137 mi from the base.
- I.2.G.4** **Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:**
 MACDILL AFB
 107 mi from the base.
- I.2.G.5** **DELETED**

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

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I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / ½ mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
99.4	99.2	96.9	94.6	93.2

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 97.6 percent of the time

I.2.J.2.b Is at or below 25 knots 99.8 percent of the time

I.2.J.3 0 Days have freezing participation (mean per year).

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Section II

1. Installation Capacity & Condition

A. Land

	Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
II.1.A.1	PATRICK AFB, FL	MAIN BASE	1,791	1,746	45
II.1.A.2	SOUTH HOUSING	HOUSING AREA	317	312	5
		TOTALS:	2,108	2,058	50

B. Facilities

II.1.B.1 From real property records:

	Facility Category Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	(C) Excess Capacity
II.1.B.1.a.i	121-122	Hydrant Fueling System Pits	EA	0	0		0.0	0.0	0
II.1.B.1.a.ii	121-122a	Consolidated Aircraft Support System	EA	0	0		0.0	0.0	0
II.1.B.1.b	131	Communications-Buildings	SF	N/A	59,092	90.0	0.0	10.0	N/A
II.1.B.1.c	141	Operations-Buildings	SF	N/A	206,216	77.0	9.0	14.0	N/A
II.1.B.1.c.i	141-232	Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	141-753	Squadron Operations	SF	53,933	53,993	57.0	31.0	12.0	0
II.1.B.1.c.iii	141-782	Air Freight Terminal	SF	24,993	24,993	0.0	0.0	100.0	0
II.1.B.1.c.iv	141-784	Air Passenger Terminal	SF	4,800	4,800	0.0	0.0	100.0	0
II.1.B.1.c.v	141-785	Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	171	Training Buildings	SF	N/A	10,959	100.0	0.0	0.0	N/A
II.1.B.1.d.i	171-211	Flight Training	SF	0	0		0.0	0.0	0
II.1.B.1.d.ii	171-211a	Combat Crew Trng Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	171-212	Flight Simulator Training (High Bay)	SF	0	0		0.0	0.0	0
II.1.B.1.d.iv	171-212a	Companion Trng Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	171-618	Field Training Facility	SF	6,615	6,615	100.0	0.0	0.0	0
II.1.B.1.e	211	Maintenance Aircraft	SF	N/A	212,077	27.0	40.0	33.0	N/A
II.1.B.1.e.i	211-111	Maintenance Hanger	SF	136,141	136,141	0.0	51.0	49.0	0
II.1.B.1.e.ii	211-152	General Purpose Aircraft Maintenance	SF	15,033	15,033	25.0	69.0	6.0	0
II.1.B.1.e.iii	211-152a	DASH 21	SF	0	0		0.0	0.0	0
II.1.B.1.e.iv	211-153	Non-Destructive Inspection (NDI) Lab	SF	0	0		0.0	0.0	0

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II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	27,961	27,961	72.0	28.0	0.0	0
II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	17,041	17,041	100.0	0.0	0.0	0
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	0	0		0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	16,814	16,814	100.0	0.0	0.0	0
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	16,002	16,002	100.0	0.0	0.0	0
II.1.B.1.e.xiii	211-183	Test Cell	SF	0	0		0.0	0.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.	214	Maintenance-Automotive	SF	N/A	83,980	30.0	0.0	70.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	3,000	3,000	100.0	0.0	0.0	0
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	0	0		0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	1,040	1,040	100.0	0.0	0.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	27,127	18.0	11.0	71.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	3,500	3,500	100.0	0.0	0.0	0
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	0	0		0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	6,935	6,935	100.0	0.0	0.0	0
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	7,820	7,820	60.0	33.0	7.0	0
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	13,430	13,430	0.0	100.0	0.0	0
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	101,448	51.0	31.0	18.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	85,065	22.0	78.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	15,778	15,778	98.0	2.0	0.0	0
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	9,483	100.0	0.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	0	0		0.0	0.0	0

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II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	2,979	2,979	100.0	0.0	0.0	0
II.1.B.1.t.iii	422-264	Igloo Magazine	SF	5,127	5,127	100.0	0.0	0.0	0
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	1,377	1,377	100.0	0.0	0.0	0
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	0	0		0.0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	333,965	47.0	7.0	46.0	N/A
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	0	0		0.0	0.0	0
II.1.B.1.v.ii	442-258	LOX Storage	GA	800	800	100.0	0.0	0.0	0
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	133,350	263,117	39.0	9.0	52.0	129,767
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	8,710	8,710	0.0	0.0	100.0	0
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	1,500	1,500	100.0	0.0	0.0	0
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	98,904	27.0	73.0	0.0	N/A
II.1.B.1.x	530	Medical Laboratories	SF	N/A	2,019	69.0	31.0	0.0	N/A
II.1.B.1.y	540	Dental Clinics	SF	N/A	12,510	100.0	0.0	0.0	N/A
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	957,539	48.0	36.0	16.0	N/A
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	0	0		0.0	0.0	0
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0		0.0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	436	0.0	100.0	0.0	N/A
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	284	284	0.0	100.0	0.0	0
II.1.B.1.cc	722	Dining Hall	SF	N/A	21,283	100.0	0.0	0.0	N/A
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	0	18,000	100.0	0.0	0.0	18,000
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	123	2.0	88.0	10.0	N/A
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	107,825	96.0	4.0	0.0	N/A
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	537,957	68.0	29.0	3.0	N/A
II.1.B.1.gg	852-273	Acft Support Equipment Storage	SY	29,800	29,800	100.0	0.0	0.0	0

II.1.B.2 From in-house survey:

Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	111 Aircraft Pavement-Runway(s)	SY	266,280	73.0	5.0	22.0
II.1.B.1.b	112 Airfield Pavements-Taxiways	SY	213,385	56.0	3.0	41.0
II.1.B.1.c	113 Airfield Pavement-Apron(s)	SY	265,500	86.0	14.0	0.0
II.1.B.1.d	116-662 Dangerous Cargo Pad	SY		0.0	0.0	100.0
II.1.B.1.e	812 Elec Power-Trans & Distr Lines	LF	533,698	85.0	15.0	0.0

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II.1.B.1.f	822	Heat-Trans & Distr Lines	LF	33,415	90.0	0.0	10.0
II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	230,377	60.0	0.0	40.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	365,861	95.0	0.0	5.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	1,700	100.0	0.0	0.0
II.1.B.1.j	851	Roads	SY	701,269	91.0	9.0	0.0
II.1.B.1.k	852	Veh/Equip Parking	SY	470,960	85.0	10.0	5.0

C. Family Housing (Facility Category Code 711)

II.1.C.1 Capacity (housing Inventory)

II.1.C.1.a Number of adequate units from current DD Form 1410, line 18d:

1556

II.1.C.1.b Number of substandard units from current DD Form 1410, line 18e:

0

II.1.C.1.c Current deficit (-) or surplus units in validated Market Analysis:

7

(includes E-1 - E3 requirements)

II.1.C.1.c.i A Market Analysis was used to answer the questions in Section II.1.C.

II.1.C.1.d FY95/4 projected net housing deficit (-) or surplus of units:

8

(includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)

II.1.C.2 Condition

II.1.C.2.a Number of adequate units meeting current whole-house standards of accommodation and state of repair:

1366

(includes projects programmed through FY95/4. Units meeting whole-house standards are those that were programmed after FY88)

II.1.C.2.a Number of adequate units requiring whole-house renovation or replacement:

190

(Units meeting whole-house standards are those that were programmed/ renovated after FY88).

II.1.C.2.a Number of new housing units projected to meet current deficit.

0

II.1.C.3 Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base

II.1.C.3.a 34.0 percent of officer families live on base.

II.1.C.3.b 78.0 percent of enlisted families live on base.

II.1.C.3.a 69.0 percent of all military families live on base.

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2. Airfield Characteristics

II.2 Runway Table:

Primary Designation		Dimensions: Length Width		Cross Runway	Aircraft Arresting Systems (II.2.I) Number Types	
11	Secondary	3600 ft	200 ft	Yes		
02	Primary	9022 ft	200 ft	No	4	MA-1A, BAK-9

II.2.A There are 2 active runways.

II.2.A.1 There are 1 cross (30 degrees from primary) runways.

II.2.B There are NO parallel runways.

II.2.C Dimensions of the primary runway (02).

II.2.C.1 Length: 9,022 ft

II.2.C.2 Width: 200 ft

II.2.D Dimensions of all secondary runways are in the runway table.

II.2.E The primary taxiway is 75 ft wide.

II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency(AFCESA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

An AFCESA Pavement Evaluation Report was used to complete this section.

				Primary Pavements		
Aircraft Group		Criteria		Runways	Taxiways	Aprons
II.2.F.1	Fighter	F-15	61 Kips 300,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.2	Fighter	F-16C/D	37 Kips 300,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.3	Bomber	B-52	450 Kips 15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.4	Bomber	B-1B	450 Kips 50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.5	Tanker	KC-135R	320 Kips 50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.6	Tanker	KC-10	550 Kips 15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.7	Airlift	C-5B	800 Kips 50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.8	Airlift	C-141	325 Kips 50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed

II.2.F.9 Work required to upgrade pavement to the required strength:

Pavement:	Aircraft:	(9.a) Unit of Measure	(9.b) Quantity	(9.c) Description of Work
Taxiway	B-1B	SY	223,000	MILL 1.5" AND OVERLAY 2.5"
Runway	B-1B	SY	28,200	MILL 2" AND OVERLAY 2.5"

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Aprons	B-1B	SY	38,700	NEW 6" PCC
Taxiway	B-52	SY	223,000	MILL 1.5" AND OVERLAY 2.5"
Runway	B-52	SY	28,200	MILL 2" AND OVERLAY 2.5"
Aprons	B-52	SY	38,700	NEW 6" PCC
Runway	C-141	SY	28,200	MILL 2" AND OVERLAY 2.5"
Taxiway	C-141	SY	223,000	MILL 1.5" AND OVERLAY 2.5"
Aprons	C-141	SY	38,700	NEW 6" PCC
Aprons	C-5B	SY	38,700	NEW 6" PCC
Runway	C-5B	SY	28,200	MILL 2" AND OVERLAY 2.5"
Taxiway	C-5B	SY	223,000	MILL 1.5" AND OVERLAY 2.5"
Taxiway	F-15	SY	223,000	MILL 1.5" AND OVERLAY 2.5"
Aprons	F-15	SY	38,700	NEW 6" PCC
Runway	F-15	SY	28,200	MILL 2" AND OVERLAY 2.5"
Runway	F-16C/D	SY	28,200	MILL 2" AND OVERLAY 1.5"
Taxiway	F-16C/D	SY	223,000	MILL AND OVERLAY
Aprons	F-16C/D	SY	38,700	NEW 6" PCC
Aprons	KC-10	SY	38,700	NEW 6" PCC
Runway	KC-10	SY	28,200	MILL 2" AND OVERLAY 2.5"
Taxiway	KC-10	SY	223,000	MILL 1.5" AND OVERLAY 2.5"
Taxiway	KC-135R	SY	223,000	MILL 1.5" AND OVERLAY 2.5"
Aprons	KC-135R	SY	38,700	NEW 6" PCC
Runway	KC-135R	SY	28,200	MILL 2" AND OVERLAY 2.5"

II.2.G Excess aircraft parking capacity for operational use.

II.2.G.1 The total usable apron space for aircraft parking is 151,250 Sq Yds.

II.2.G.1.a Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions (Equivalent Rectangle)		CURRENT USE DATA. (Type of Aircraft and which of the permanently assigned aircraft use the area.)	
	APRON C	150 ft	225 ft	Transient Aircraft
APRON A	1,650 ft	200 ft	Primary Aircraft	C-130
APRON B	1,650 ft	625 ft	Primary Aircraft	C-130
APRON C	250 ft	225 ft	Transient Aircraft	TRANSIENT
APRON D	450 ft	200 ft	Transient Aircraft	TRANSIENT
APRON E	475 ft	275 ft	Transient Aircraft	TRANSIENT

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- II.2.G.2** Permanently assigned aircraft currently require 151,000 Sq Yds of parking space.
- II.2.G.3** 0 Sq Yds of parking space is available for parking additional non-transient aircraft.
- II.2.G.4** The following factors limit aircraft parking capability:
security, towing capability
- II.2.H** The dimensions of the (largest) transient parking area:
- II.2.I** Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)
- II.2.J** There are No critical features relative to the airfield pavement system that limit its capacity:

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	10.0 MG/D	MG/D - million gallons per day	5 %
II.3.A.2 Sewage:	2.0 MG/D		2 %
II.3.A.3 Electrical distribution:	44.0 MW	MW - million watts	70 %
II.3.A.4 Natural Gas:	4.00 MCF/D	MCF/D - million cubic feet per day	0 %
II.3.A.5 High temperature water/steam generation/distribution:	35.0 MBTUH	MBTUH - million British thermal units per hour	70 %

II.3.B Characteristics regarding the utility system that should be considered:

Figures based on new guidelines for electricity and natural gas (based on monthly rate for electricity and hourly rate for gas) are: 31680 million watts per month...33% of current usage, and .01369 million cubic feet per hour...12% of usage.

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1 Facility number: 313 Hanger

Current Use: AFRES

II.4.A.2 Size (SF): 51,200 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	128 ft	32 ft	
II.4.A.6 Largest unobstructed space inside the facility:	128 ft	32 ft	400 ft

II.4.A.1 Facility number: 630 Nose Dock

Current Use: CORROSION CONTROL, INSPECTIONS, JOINT USE

II.4.A.2 Size (SF): 16,814 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	150 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	150 ft	22 ft	63 ft

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II.4.A.1 Facility number: 647 Nose Dock
Current Use: FUEL CELL, JOINT USE

II.4.A.2 Size (SF): 16,002 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	150 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	150 ft	22 ft	107 ft

II.4.A.1 Facility number: 750 Hanger
Current Use: ACC

II.4.A.2 Size (SF): 69,985 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	160 ft	32 ft	
II.4.A.6 Largest unobstructed space inside the facility:	160 ft	32 ft	237 ft

II.4.A.1 Facility number: 751 Hanger
Current Use: NASA/ACC

II.4.A.2 Size (SF): 46,394 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: GULFSTR

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	120 ft	30 ft	
II.4.A.6 Largest unobstructed space inside the facility:	120 ft	30 ft	200 ft

II.4.A.1 Facility number: 800 Hanger
Current Use: AERO CLUB

II.4.A.2 Size (SF): 18,089 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	158 ft	35 ft	
II.4.A.6 Largest unobstructed space inside the facility:	158 ft	35 ft	115 ft

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II.4.A.1 Facility number: 985 Hanger
 Current Use: DEPARTMENT OF STATE

II.4.A.2 Size (SF): 40,182 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-131

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	127 ft	32 ft	
II.4.A.6 Largest unobstructed space inside the facility:	127 ft	32 ft	160 ft

5. Unique Facilities

II.5.A Unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed:

A.1 Name or type of facility	A.2 Total square footage	A.3 Category code	A.4 Present use
HQ CTR FAC 989	380,406 SF	610-281	AIR FORCE TECHNICAL APPLICATIONS CENTER
RADAR STA FAC 970	3,576 SF	371-475	MISSILE TRACKING

6. Air Installation Compatible Use Zone (AICUZ) and Terminal Area Procedures

Local/Regional Land Encroachment

II.6.A Percent current off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/I FOLLOWING CATEGORIES					
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.A.1	02 CZ	0	207	100.0	Sig Incompat	0.0	0.0	0.0	64.0	0.0	36.0
	11 CZ	0	69	0.0	Gen Compat	0.0	0.0	0.0	19.0	0.0	81.0
	20 CZ	0	207	0.0	Gen Compat	0.0	0.0	0.0	67.0	0.0	33.0
	29 CZ	0	69	0.0	Gen Compat	0.0	0.0	0.0	32.0	0.0	68.0
II.6.A.2	02 APZ 1	35	344	3.0	Gen Compat	3.0	0.0	0.0	2.0	0.0	95.0
	11 APZ 1	0	57	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	20 APZ 1	0	344	0.0	Gen Compat	0.0	0.0	0.0	8.0	0.0	92.0
	29 APZ 1	0	57	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.A.3	02 APZ 2	56	482	0.0	Gen Compat	13.0	0.0	0.0	0.0	0.0	87.0
	11 APZ 2	0	57	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	20 APZ 2	0	482	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	29 APZ 2	0	57	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/I FOLLOWING CATEGORIES						
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	

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Contour	Pop	Acres	Land Use	Land Use	RES	COM	IND	PUB/SEMI	REC	LOW DEN
II.6.A.4	65-70	10	608	0 Gen Compat	1.0	0.0	0.0	0.0	0.0	99.0
II.6.A.5	70-75	0	188	0 Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.A.6	75-80		27	0 Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.A.7	80+			0 Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

II.6.B Percent future off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/I FOLLOWING CATEGORIES					
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.B.1	02	CZ	0	207	0 Gen Compat	0.0	0.0	0.0	64.0	0.0	36.0
	11	CZ	0	69	0 Gen Compat	0.0	0.0	0.0	19.0	0.0	81.0
	20	CZ	0	207	0 Gen Compat	0.0	0.0	0.0	67.0	0.0	33.0
	29	CZ	0	69	0 Gen Compat	0.0	0.0	0.0	32.0	0.0	68.0
II.6.B.2	02	APZ 1	35	344	3 Gen Compat	3.0	0.0	0.0	2.0	0.0	95.0
	11	APZ 1	0	57	0 Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	20	APZ 1	0	344	0 Gen Compat	0.0	0.0	0.0	8.0	0.0	92.0
	29	APZ 1	0	57	0 Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.B.3	02	APZ 2	56	462	0 Gen Compat	13.0	0.0	0.0	0.0	0.0	87.0
	11	APZ 2	0	57	0 Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	20	APZ 2	0	482	0 Gen Compat	13.0	0.0	0.0	0.0	0.0	87.0
	29	APZ 2	0	57	0 Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/I FOLLOWING CATEGORIES					
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.B.4	65-70	10	608	0 Gen Compat	1.0	0.0	0.0	0.0	0.0	99.0
II.6.B.5	70-75	0	188	0 Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.B.6	75-80	0	27	0 Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.B.7	80+	0	0	0 Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

II.6.C The most recent, publicly released AICUZ study is dated Jun 94

II.6.D Current AICUZ study's flying activities subsection reflects all currently assigned aircraft

Subsection reflects the number of daily flying operations conducted by all assigned aircraft

Current AICUZ study's flight track figure/map reflects current flight tracks.

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II.6.E The AICUZ study was last updated on Jun 94
The study is still valid.

II.6.F Local governments have incorporated AICUZ recommendations into land use controls

II.6.F.3 AICUZ recommended development limits for Accident Potential Zone 2.

Government name:	Types of controls in place	Types of encroachment limited:
BREVARD COUNTY	Zoned for low density island areas of 1/2 to 1 acre 1-fam res areas.	

II.6.G Assessment of significant development (i.e., residential subdivision, shopping mall, or center, industrial park, etc.) existing or anticipated within any of the 7 AICUZ zones.

Significant development currently exists in one or more AICUZ zone.

No significant development is projected for any AICUZ zone.

Summary of existing, started, announced, or anticipated development:

Areas Impacted	Type of Development	Status	Projected Completion	Jurisdiction	Other details and size of the development
APZ 1	Residential	Existing	TBD	BREVARD COUNTY	5 acres

No long range (20 year) development trends in the 7 AICUZ zones are evident.

II.6.H Population figures and projections:

II.6.H.3 County (ies) encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
BREVARD COUNTY	111400	224300	338000	403500	531000

II.6.I All clear zone acquisition has been completed.

II.6.J Existing on base facilities not sited in accordance with AICUZ recommendations:

Type of facility:	Appoximate number of occupants	Zone with violation	Reason the incompatibility is necessary
ADMINISTRATION (10)	942	CZ	Predates AICUZ

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ADMINISTRATION (8)	345	CZ	Predates AICUZ
COMMUNITY COMMERCIAL GAS STATION	15	CZ	Predates AICUZ
COMMUNITY COMMERCIAL BOWLING CENTER	50	CZ	Predates AICUZ
COMMUNITY SERVICE CLUB	115	CZ	Predates AICUZ
COMMUNITY SERVICE GYM	110	CZ	Predates AICUZ
DORMITORIES (2)	169	CZ	Predates AICUZ

All planned on base facilities will be sited in accordance with AICUZ recommendations.

Air Space Encroachment

II.6.K Noise complaints are received from off base residents.

II.6.K.1 8.0 noise complaints per month (average) are received from off base residents.

II.6.L The base has implemented noise abatement procedures as follows:

II.6.L.1 RUNUPS AT BEST LOCATION AND TIME. T/O PATTERNS AVOID POP AREAS., USAF CRITERIA FOR SPEED, CLIMB, TURNING RADIUS USED, CONTROLLED # OPS AT NIGHT, COORD WITH FAA TO MIN. CONFLICT CIV OPS

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 2 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is MHE

III.1.A.1.b Current MHE: THE CURRENT MHE IS ONE 40K AIRCRAFT LOADER AND AND TWO 10K FORKLIFTS.

III.1.A.2 3 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:				Remarks:
747	Can land	Can taxi	Can park	Can refuel	
C-5	Can land	Can taxi	Can park	Can refuel	
KC-10	Can land	Can taxi	Can park	Can refuel	

III.1.C The base does Not have an operational fuel hydrant system.

III.1.D The base bulk storage facility is Not serviced by a pipeline.

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III.1.D.3 EXCESS STORAGE CAPACITY IS 69,000 GAL. DIESEL FUEL. JP-4 AND MUR HAS NO EXCESS STORAGE CAPACITY.

Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP). Storage for others is excluded.

III.1.D.4 Other receipt modes available: FOUR OFFLOAD HEADERS FOR JP-4 AND WE CAN OFFLOAD FOUR TANK TRUCKS SIMULTANEOUSLY

Number of offload headers: 4

4 tank trucks can be simultaneously offloaded

Tank cars can Not be offloaded.

III.1.D.5 4 refueling unit fillstands are available.

III.1.D.5.a 4 refuelers can be filled simultaneously.

III.1.D.6 Current dispensing capabilities as defined in AFR 144-1 sustained: 600
 maximum: 600

III.1.D.7 The base is directly supported by an intermediate Defense Fuels Supply Point (DFSP).

III.1.D.7.a Supporting DFSP: MACDILL AFB

III.1.E Cat 1.1 and 1.2 munitions storage requirements and capacity.

III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:

Square footage available (including physical capacity limit):

III.1.E.2 Normal installation mission storage requirement:

	Cat 1.1	Cat 1.2
Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:	0	50
Square footage available (including physical capacity limit):	0	100
Normal installation mission storage requirement:	0	0

III.1.F The base has a dedicated hot cargo pad.

III.1.F.1 Access to the hot cargo pad is not limited.

III.1.F.2 The size of the hot cargo pad is 60,000 sq feet.

III.1.F.3 The sited explosive capacity of the hot cargo pad is 30,000

III.1.F.4 The hot pad access is taxi-on/taxi-off.

III.1.F.5 The taxiway servicing the hot pad is 200 ft wide and has a pavement classification number (PCN) of 28.

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III.1.F.6 Aircraft using pad over the last 5 years:

C-130, C-141, C-5

III.1.G Proximity (within 150 NM) to mobilization elements.

III.1.G.1 The base is proximate to a ground force installation.

Active ground force installations within 150 NM:

CAMP BLANDING	129 NM
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III.1.G.2 The base is proximate to a railhead.

Railheads within 150 NM:

Jacksonville	130 NM
Jay Jay - Wiley	14 NM
Patrick AFB - Cocoa-Rockledge	7 NM

III.1.G.3 The base is proximate to a port.

Deep water ports within 150 NM:

Cape Canaveral	13 NM
Jacksonville	130 NM

III.1.H The base has a dedicated passenger terminal.

III.1.I The base has a dedicated deployment facility capable of handling DoD standardized cargo pallets.

III.1.J The base medical treatment facility does Not routinely receive referral patients.

III.1.K Military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

III.1.K.1 Anticipated impact of the closure or realignment on

Workload: WILL DOUBLE FROM 295 FY 93 RETIREES AND THEIR FAMILY MEMBERS

Facility: STRAIN ON ALREADY OVER TAXED EMERGENCY ROOM AND PHARMACY

Manpower:

Operations &

Maintenance Funding: INCREASE FUNDING REQUIREMENT FROM \$160,000 TO APROX \$281,000

III.1.K.2 No facility modifications are needed to absorb the additional workload.

III.1.L Unique missions performed by the base medical facility:

HAVE MANPOWER PACKAGE FOR 2E FACILITY. MOBILITY TASKING INCLUDES 4 DOCTORS, 76 OTHERS. CHIEF TASK

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Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

III.1.M Base medical facilities project planned to begin before to 1999:

65,000 SQ FT AMBULATORY HEALTH CARE CLINIC, ETIMATED COST \$17MILLION. PROGRAMED FOR FY 97

Facilities projects include military consruction program (MCP) or Operations and Maintence (O&M) alterations.

III.1.M.1 The project has Not been approved.

III.1.M.2 Major MCP completed since 1989:

12,648 SQ FT DENTAL CLINIC COMPLETED IN 1992

III.1.N Base facilities have No excess storage capacity.

III.1.N.1 Base facilities have a total covered storage capacity of 263,117 sq ft.

III.1.N.2 Breakout of the total covered storage capacity:

Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store):	252,907 sq ft
Mobility storage:	1,500 sq ft
War Readiness Support Kits (WRSK) storage:	8,710 sq ft

III.1.O 313 light military vehicles are on base.

III.1.P 173 heavy military and special vehicles are on base.

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Section IV

1. Base Budget

IV.1 Non-payroll portion of the base budget for prior years:

IV.1.A	xxx56	Environmental Compliance			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	6,094.30 \$sK	75.00 \$sK	6,169.30 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	884.50 \$sK	0.00 \$sK		884.50 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	2,109.60 \$sK	12.70 \$sK			2,122.30 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	2,297.60 \$sK	0.00 \$sK				2,297.60 \$sK
		xxx56 TOTALS:			6,169.30 \$sK	884.50 \$sK	2,122.30 \$sK	2,297.60 \$sK
IV.1.B	xxx76	Real Property Maintenance A			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-93	Appropriation	Direct	Reimbursable				
		3400	968.10 \$sK	355.30 \$sK			1,323.40 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	692.00 \$sK	51.30 \$sK				743.30 \$sK
		xxx76 TOTALS:					1,323.40 \$sK	743.30 \$sK
IV.1.C	xxx78	Real Property Maintenance S			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-93	Appropriation	Direct	Reimbursable				
		3400	17,483.40 \$sK	569.30 \$sK			18,052.70 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	5,196.90 \$sK	0.00 \$sK				5,196.90 \$sK
		xxx78 TOTALS:					18,052.70 \$sK	5,196.90 \$sK
IV.1.D	xxx90	Audio Visual			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	340.40 \$sK	11.60 \$sK	352.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	355.40 \$sK	9.70 \$sK		365.10 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	493.70 \$sK	11.60 \$sK			505.30 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	5,348.40 \$sK	4,201.50 \$sK				9,549.90 \$sK
		xxx90 TOTALS:			352.00 \$sK	365.10 \$sK	505.30 \$sK	9,549.90 \$sK

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IV.1.E	xxx95	Communications			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
		Appropriation	Direct	Reimbursable				
	FY-91	3400	3,462.70 \$sK	1,153.80 \$sK	4,616.50 \$sK			
	FY-92	3400	2,632.50 \$sK	112.70 \$sK		2,745.20 \$sK		
	FY-93	3400	2,359.00 \$sK	164.80 \$sK			2,523.80 \$sK	
	FY-94	3400	5,208.10 \$sK	16,407.80 \$sK				21,615.90 \$sK
		xxx95 TOTALS:			4,616.50 \$sK	2,745.20 \$sK	2,523.80 \$sK	21,615.90 \$sK
IV.1.F	xxx96	Base Operating Support			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
		Appropriation	Direct	Reimbursable				
	FY-91	3400	14,865.40 \$sK	164.20 \$sK	15,029.60 \$sK			
	FY-92	3400	19,146.60 \$sK	3,969.80 \$sK		23,116.40 \$sK		
	FY-93	3400	36,879.30 \$sK	31,748.50 \$sK			68,627.80 \$sK	
	FY-94	3400	33,462.60 \$sK	20,133.10 \$sK				53,595.70 \$sK
		xxx96 TOTALS:			15,029.60 \$sK	23,116.40 \$sK	68,627.80 \$sK	53,595.70 \$sK
IV.1.G	MFH	Military Family Housing			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
		Appropriation	Direct	Reimbursable				
	FY-91	3400	7,435.70 \$sK	460.60 \$sK	7,896.30 \$sK			
	FY-92	3400	9,671.50 \$sK	423.90 \$sK		10,095.40 \$sK		
	FY-93	3400	9,242.40 \$sK	402.40 \$sK			9,644.80 \$sK	
	FY-94	3400	7,485.20 \$sK	450.00 \$sK				7,935.20 \$sK
		MFH TOTALS:			7,896.30 \$sK	10,095.40 \$sK	9,644.80 \$sK	7,935.20 \$sK

2. Relocation Costs

- IV.2 -Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:
- IV.2.A Estimate to TEARDOWN the equipment and prepare it for movement, MOVE this equipment 1000 miles, and SETUP this equipment at a new location.

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	Piece of equipment.	Teardown Costs	Move Costs	Setup Costs	Total Costs
IV.2.A.1	MICROWAVE REPEATER	\$ 50.00 K	\$ 3.60 K	\$ 150.00 K	\$ 203.60 K
IV.2.A.2	PAFB OPTICS	\$ 30.00 K	\$ 3.60 K	\$ 150.00 K	\$ 183.60 K
IV.2.A.3	PAFB RADAR	\$ 313.50 K	\$ 10.80 K	\$ 717.50 K	\$ 1,041.80 K
IV.2.A.4	SPECIALIZED SHOPS	\$ 450.00 K	\$ 22.50 K	\$ 1,350.00 K	\$ 1,822.50 K
IV.2.A.5	TELEMETRY & RADAR SHOPS	\$ 285.00 K	\$ 9.50 K	\$ 755.00 K	\$ 1,049.50 K
IV.2.A.6	TEST BEDS (RADAR, TLM,OPT)	\$ 250.00 K	\$ 16.80 K	\$ 950.00 K	\$ 1,216.80 K
IV.2.A.7	WEATHER RADAR	\$ 62.50 K	\$ 3.60 K	\$ 237.50 K	\$ 303.60 K
				Total relocation costs:	\$ 5,821.40 K

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Section IV/V Level Playingfield COBRA Data

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Section VI Economic Impact

Economic Area Statistics:

Unemployment Rates (FY93/3 Year Average/10 Year Average)

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Projected economic impact:

Direct Job Loss:

Indirect Job Loss: _____

Closure Impact:

Other BRAC Losses: _____

Cumulative Impact:

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Section VII

1. Community Infrastructure

Describe the off-base housing situation.

- VII.1.A.1 Off-base housing is affordable
- VII.1.A.2 Units are available for families
- VII.1.A.2 Units are available for single members.
- VII.1.A.3 6.3 Percent of off-base housing was rated as unsuitable in the latest VHA survey
- VII.1.A.4 Median monthly cost of off-base housing based on latest VHA survey: \$765

Describe the transportation systems.

- VII.1.B.1 The base is NOT served by REGULARLY SCHEDULED, public transportation.
- VII.1.B.2 Distance to the nearest municipal airport with scheduled, commercial air traffic: 18 miles
- VII.1.B.2 Airport name: MELBOURNE INTERNATIONAL AIRPORT
- VII.1.B.3 Number of commercial air carriers available at the airport: 7
- VII.1.B.4 Average round trip commuting time to work: 45 minutes

Off-base public recreation facilities:

List ONLY THE NEAREST facility for each subcategory.

Facility Subcategory Type	Name of Nearest Facility	Distance to:	Drive Time		
			Hrs.	Min.	Min.
VII.1.C.1 Swimming pool	COCOA BEACH MUNI	8	Hrs.	15	Min.
VII.1.C.2 Movie theater	MERRITT ISLAND MALL	25	Hrs.	30	Min.
VII.1.C.3 Public golf course	COCOA BEACH MUNICIPAL	8	Hrs.	10	Min.
VII.1.C.4 Bowling lane	SATLLITE LANES	4	Hrs.	10	Min.
VII.1.C.5 Boating	ANCHORAGE MARINA	10	Hrs.	10	Min.
VII.1.C.6 Fishing	COCOA PIER	8	Hrs.	10	Min.
VII.1.C.7 Zoo	BREVARD ZOO	13	Hrs.	25	Min.
VII.1.C.8 Aquarium	SEA WORLD	65	1 Hrs.	30	Min.
VII.1.C.9 Family theme park	DISNEY WORLD	65	1 Hrs.	30	Min.
VII.1.C.10 Professional sports	NBA ORLANDO MAGIC	65	1 Hrs.	30	Min.
VII.1.C.11 Collegiate sports	BREVARD COMMUNITY COLLEGE	12	Hrs.	20	Min.

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VII.1.C.12	Camping facilities	JETTY PARK	20		Hrs.	45	Min.
VII.1.C.13	Beaches (lake or ocean)	Paradise Beach Park	15		Hrs.	15	Min.
VII.1.C.14	Outdoor winter sports	Blueridge Mountains, NC	800	15	Hrs.	00	Min.

VII.1.D Nearest Shopping facility (two major anchor stores plus smaller retail outlets):
MERRITT ISLAND MALL 30 min (25 Miles)

VII.1.E Nearest Metropolitan center (population in excess of 100,000):
ORLANDO 1 hrs 30 min (60 Miles)

Local area crime rate:

VII.1.F.1 Violent crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Violent crime is defined as the sum of homicide, rape, robbery, felony assault, and simple assault.) 1184

VII.1.F.2 Property crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Property crime is defined as the sum of auto theft, burglary, theft, and arson.) 8348

2. Education

VII.2.A The highest maximum allowed pupil to teacher classroom ratio, based on grades K - 12 and using local area ratios: 30 to 1

VII.2.B Local high schools offer a four-year English program.

VII.2.B Local high schools offer a four-year Math program.

VII.2.B Local high schools offer four-year Foreign Language programs.

VII.2.C Local high schools offer an Honors program.

VII.2.D 66.0 percent of high school students go on to either a two- or four-year college

VII.2.E There are opportunities for off-base education within 25 miles of the base.

VII.2.E.1 Opportunities for off-base VOCATIONAL/TECHNICAL TRAINING provided by the following institutions:

BREVARD COMMUNITY, PHILLIPS JR. , KEISER

VII.2.E.2 Opportunities for off-base UNDERGRADUATE COLLEGE provided by the following institutions:

BCC, UCF, FIT, EMBRY RIDDLE, ROLLINS, NOVA, BARRY,

VII.2.E.3 Opportunities for off-base GRADUATE COLLEGE provided by the following institutions:

UCF, FIT, EMBRY RIDDLE, NOVA, ROLLINS, WEBSTER

3. Spousal Employment

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- VII.3.A 88.0 percent of spouses are able to find employment (within 3 months) in the local community.
- VII.3.B 88.0 percent of spouses find employment commensurate with job skills, work experience, and education.
- VII.3.C 7.4 percent unemployment in the local area (Department of Labor Statistics)
- VII.3.D -0.8 percentage rate of job growth in the local area (Department of Labor Stastics)

4. Local Medical Care

- VII.4.A Current ratio of active, non-federal physicians in the community: 2.0 physicians/1000 people
- VII.4.B Current ratio of hospital beds in the community: 3.0 beds/1000 people

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Section VIII

1. Air Quality - Clean Air Act

- VIII.1.A Air Quality Management District for the base: CENTRAL FLORIDA NO 48
- VIII.1.B The base is NOT located within a maintenance or non-attainment area for pollutants.
- VIII.1.C There are NO critical air quality regions within 100 kilometers of the base
(Critical air quality regions are non-attainment areas, national parks, etc.)
- VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.
(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)
- VIII.1.D.1 The base has NOT been required to impliment emissions reduction through special actions
(i.e. carpooling or emissions credit transfer)
- VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:
- VIII.E.1 Aerospace Ground Equipment (AGE):
- E.1.a No state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.
- E.1.b No state or local air quality regulatory agency Requires permits for such units.
- E.1.c No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.
- E.1.d No state or local air quality regulatory agency Requires retrofit controls for AGE.
- VIII.E.2 Infrastructure Maintenance / Public Works
- E.2.a No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).
- E.2.b No state or local air quality regulatory agency Limits the hours of these activities.
- E.2.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.
- E.2.d No state or local air quality regulatory agency Requires emission offsets for these activities.

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VIII.E.3 Open Burn/Open Detonation

- E.3.a No state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b No state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a The state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b The state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergency generators.
- E.6.d The state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

VIII.2.A The base potable water supply is Local Community and the source is:

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COCOA , FL SUPPLY FROM WELLS

VIII.2.B There are no constraints to the base water supply.

VIII.2.C The base potable water supply does not constrain operations

(Contaminants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is contaminated.

VIII.3.A.1 Nature of contamination. PAST SPILLS AND OPERATIONS

VIII.3.A.2 The contaminated groundwater is Not a potable water source.

VIII.3.B The base is actively involved in groundwater remediation activities.

VIII.3.C 99 water wells exist at the base.

VIII.3.D 17 wells have been abandoned for the following reasons:

NO LONGER NEEDED OR UNUSABLE

4. Water - Surface Water

VIII.4.A The following perennial bodies of water are located on base.

Location	Surface area size
BASIN D; SOUTH RUNWAY AREA	19.00 Acres
BASIN E; CENTRAL MIXED USE AREA	31.00 Acres
BASIN F; SOUTH MAIN BASE AREA	30.00 Acres

VIII.4.A.2 These bodies receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is Not located within a specified drainage basin.

VIII.4.B Special permits are required as follows:

WATER, SEWAGE, DREDGE, DEWATER, AIR, WETLANDS, IND, NPDES,

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(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

VIII.4.C There is No known contamination to the base or local community surface water

5. Wastewater

VIII.5.A Base wastewater is treated by On-Base facilities.

VIII.5.B The following 1 wastewater treatment facilities (industrial/domestic) are located on-base:

NORTH STP
SOUTH STP...TO BE DEMOLISHED

VIII.5.C There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

VIII.6.A Describe the National Pollutant Elimination System permits in effect:

ONE FOR WASTEWATER TRTMT PLANT DISCH ARGE

VIII.6.B The base currently discharges treated wastewater OFF-Base. Description of treated wastewater discharge location:

TO BANANA RIVER WEST SIDE OF BASE

VIII.6.C The base has discharge impoundments.

VIII.6.C.1 There are 1 water/wastewater treatment impoundments.

VIII.6.C.2 There are No industrial wastewater treatment impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 100.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 95.0 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 5 facilities are considered regulated areas or have restricted use due to friable asbestos.

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8. Biological - Habitat

- VIII.8.A** There are No ecological or wildlife management areas ON the base. Ecological or wildlife management areas ADJACENT TO the base:
BANANA RIVER
- VIII.8.A.1** Natural areas on or adjacent to the base are generally recognized as important ecological sites.
4.1 MILES OF BEACH
- VIII.8.B** No critical/sensitive habitats have been identified on base .
- VIII.8.C** The base does not have a cooperative agreement for conducting a hunting and fishing program.
Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.
- VIII.8.D** The presence of these resources does not constrain CURRENT construction activities/operations.
The presence of these resources does not constrain FUTURE construction activities/operations.

9. Biological - Threatened and Endangered Species

VIII.9.A Threatened and/or endangered species identified on the base:

Species	Kingdom				Remarks
	Animal	Federa	Listed	Threatened	
ALLIGATOR MISSISSIPPIENSIS	Animal	Federa	Listed	Threatened	
FLORIDA MANATEE	Animal	Federa	Listed	Endangered	
GREEN SEA TURTLE	Animal	Federa	Listed	Endangered	
LEAST TERN	Animal	State	Listed	Threatened	
LOGGERHEAD SEA TURTLE	Animal	Federa	Listed	Threatened	
WOOD STORK	Animal	Federa	Listed	Threatened	

VIII.9.B Special Concern species identified on the base:

Species	Kingdom				Remarks
	Animal	State		Special Concern	
COMMON SNOOK	Animal	State		Special Concern	
LITTLE BLUE HERON	Animal	State		Special Concern	
OSPREY	Animal	State		Special Concern	
ROSEATE SPOONBILL	Animal	State		Special Concern	
SNOWY EGRET	Animal	State		Special Concern	
TRICOLORED HERON	Animal	State		Special Concern	

- VIII.9.C** The presence of these species constrains current or future construction activities or operations as follows:
NESTING OF LEAST TERNS ON FLAT ROOFS HAS DELAYED ROOFING PROJECTS AT THE BX AND COMMISSARY

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10. Biological - Wetlands

VIII.10.A Wetlands, estuaries, or other special aquatic features present on the base:

VIII.10.A.1 Identification and type of wetland:	Approximate acreage:
5.5 MILES OF BEACH	5

VIII.10.A.2 The base is involved in jointly-managed programs for protection of these resources.

VIII.10.B The base has Not been surveyed for wetlands in accordance with established federally approved guidelines.

VIII.10.C Part of the base is located in a 100-year floodplain.

VIII.10.D The presence of these resources does Not constrain current or future construction activities or operations.

11. Biological - Floodplains

VIII.11.A Floodplains are present on the base.

VIII.11.A.1 Floodplains do Not constrain construction (siting) activities or operations.

VIII.11.A.2 Periodic flooding does Not constrain base operations.

12. Cultural

VIII.12.A Historic, prehistoric, archaeological sites or other cultural resources located on the base:

VIII.12.A.1 Sites:	Significant status:
TBD	DRAFT REPORT, INCOMPLETE...DATA NOT FIRM

VIII.12.B 90 percent of the buildings on base are over 50 years old.

VIII.12.C No Historic Landmark/Districts, or NRHP properties are located on base.

VIII.12.C.1 No properties have been determined to be or may be eligible for the NRHP.

VIII.12.C.2 Buildings and structures have not been surveyed for Cold War or other historical significance.

VIII.12.D The base has been archeologically surveyed.

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VIII.12.D.1 100 percent of the base has been surveyed.

VIII.12.D.2 No archeological sites have been found.

VIII.12.D.3 No archeological collections are housed on base.

VIII.12.D.4 No Native Americans or others use/identified sacred areas or burial sites on or near base.

VIII.12.E The base has no agreements with historic preservation agencies.

Agreements include Programmatic Agreements and Memorandum of Agreements.

Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 22 IRP sites have been identified

VIII.13.A.2 No IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 2000

VIII.13.B The installation is Not a National Priority List (NPL) site nor proposed as an NPL site.

VIII.13.C There are no existing Federal Agency Agreements to clean up the base.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There are no known uncontrolled or unregulated occurrences of specific contaminate types or sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E No sites or SWMUs are currently being investigated and remediated pursuant to the RCRA.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.F The IRP does Not currently restrict construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
Hazardous Waste Disposal/Remediation					
IRP	\$2,186.000 K	\$3,294.500 K	\$2,204.000 K	\$1,850.000 K	\$900.000 K
Natural Resources	\$1,401.000 K	\$1,816.000 K	\$750.000 K	\$750.000 K	\$750.000 K
Permits	\$22.000 K	\$25.000 K	\$25.000 K	\$30.000 K	\$35.000 K

15. Other Issues

VIII.15.A There are no additional activities which may constrain or enhance base operations.

16. Air Quality - Clean Air Act

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- VIII.16.A** Air Quality Control Area (AQCA) geographic region in which the base is located:
CENTRAL FLORIDA AQCR NO. 48
- VIII.16.B** Air quality regulatory agency responsible for the AQCA.: FL DEPT OF ENVIRON MENTAL PROTECTION
- VIII.16.B** Name and phone number of the AQCA program manager for issues pertaining to the base:
CHARLES M. COLLINS, ADMINISTRATOR (407) 894-7555

The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:

- | | |
|--|--|
| VIII.16.C.1 In Attainment for Ozone | VIII.16.C.2 In Attainment for Carbon Monoxide |
| VIII.16.C.3 In Attainment for Particulate matter (PM-10) | VIII.16.C.4 In Attainment for Sulfur Dioxide |
| VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx) | VIII.16.C.6 In Attainment for Lead |
| VIII.16.C.7 The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT | |

- VIII.16.D.1** Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located: 0.00 ppm
- VIII.16.D.2** Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located: 9.0 ppm
- VIII.16.D.3** Ozone Design value is 0.0% of NAAQS
- VIII.16.D.4** Carbon monoxide Design value is 100.0% of NAAQS

Air Quality Survey complete, No additional data required.

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Section IX

Document Separator

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Section I

1. Force Structure

I.1.A List of all on base NAF and non-Air Force activities:

	Unit or Activity:	Personnel Authorizations for FY93/4			
		Officer	Enlisted	Civilian	Total
I.1.A.1	AAFES	-	-	250	250
I.1.A.2	AFA Bank	-	-	6	6
I.1.A.3	AT&T	-	-	11	11
I.1.A.4	Aerospace Data Facility	-	-	49	49
I.1.A.5	Air National Guard	2	11	-	13
I.1.A.6	Army	125	67	-	192
I.1.A.7	Canadian Forces	80	29	1	110
I.1.A.8	Commissary	-	-	91	91
I.1.A.9	DFAS	-	-	2588	2588
I.1.A.10	Dept of Military Affairs	19	109	-	128
I.1.A.11	Det 7, Civil Air Patrol	4	3	1	8
I.1.A.12	Det 7, Naval Reserve Recruiting Comm	3	23	-	26
I.1.A.13	DoD, IG, Auditing	-	-	28	28
I.1.A.14	Ent Credit Union	-	-	20	20
I.1.A.15	FAA	-	-	46	46
I.1.A.16	FEMA	-	-	11	11
I.1.A.17	JPPSO	-	1	-	1
I.1.A.18	Labor Affairs Office	-	-	2	2
I.1.A.19	Marines	23	11	-	34
I.1.A.20	NAF	-	-	333	333
I.1.A.21	NAF (Seasonal Workers)	-	-	40	40
I.1.A.22	National Security Agency (NSA)	-	-	10	10
I.1.A.23	Navy	94	43	-	137
I.1.A.24	Professional Travel Corp	-	-	15	15
I.1.A.25	Red Cross	-	-	5	5
I.1.A.26	US Army Recruiting Battalion	8	140	18	166
TOTAL:					4320

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I.1.B Remote/Geographically Separated Units receiving more then 50% of Base Operational Support from the base:

I.1.B.1	Supported Unit: 10SWS Location: Cavalier AFS ND Support provided: Msn Spt Supply	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.2	Supported Unit: 12SWS Location: Thule AB Greenland Support provided: Msn & Common Supply	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.3	Supported Unit: 13SWS Location: Clear AFS AK Support provided: Msn & Common Supply	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.4	Supported Unit: 21OPG/OL-FY Location: RAF Fylingdales Support provided: Msn Spt Supply	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.5	Supported Unit: 2SPCS Location: Kapaun AS GE Support provided: Msn Spt Supply	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.6	Supported Unit: 2SWS Location: Buckley ANGB CO Support provided: Msn Spt Supply	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.7	Supported Unit: 3423 Tech Trng Sq Location: Colo Spgs CO Support provided: Base Support	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.8	Supported Unit: 376 USAFRS Location: Denver CO Support provided: Base Support	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.9	Supported Unit: 4SWS Location: Holloman AFB NM Support provided: Msn Spt Supply	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.10	Supported Unit: 50SW Location: Falcon AFB CO Support provided: Base Support	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.11	Supported Unit: 5SWS Location: Woomera AS AS Support provided: Msn & Common Supply	GSU	GSU - Geographically Separated Unit REM - Remote Unit

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I.1.B.12	Supported Unit: 6SWS Location: Cape Cod AFS MA Support provided: Msn Spt Supply	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.13	Supported Unit: 721 Space Group Location: Cheyenne Mtn AFB CO Support provided: Base Support	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.14	Supported Unit: 73SPTG Location: Colo Spgs CO Support provided: Base Support	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.15	Supported Unit: 7SWS Location: Beale AFB CA Support provided: Msn Spt Supply	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.16	Supported Unit: 8SWS Location: Eldorado AFS TX Support provided: Msn Spt Supply	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.17	Supported Unit: 9SWS Location: Robins AFB GA Support provided: Msn Spt Supply	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.18	Supported Unit: AF Sp Forecast Ctr Location: Falcon AFB CO Support provided: Base Support	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.19	Supported Unit: AFBDA, OL-N Location: Lowry AFB CO Support provided: Admin, A&F, Supply, Trans	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.20	Supported Unit: AFELM, Det 6, ACC Location: Buckley ANGB, CO Support provided: Base Support	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.21	Supported Unit: AFIC OL-SD Location: Denver CO Support provided: Base Support	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.22	Supported Unit: Aerospace Data Facility Location: Denver CO Support provided: A&F, Legal, Personnel	GSU	GSU - Geographically Separated Unit REM - Remote Unit

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I.1.B.23	Supported Unit: DFAS Location: Denver CO Support provided: Pers, Facility Mgt	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.24	Supported Unit: Def Cont Mgt Off Location: Colo Spgs CO Support provided: A&F, Supply	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.25	Supported Unit: Def Info Tech Serv Org Location: Denver CO Support provided: A&F, Personnel, Legal	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.26	Supported Unit: Defense Courier Services Location: Fort Carson CO Support provided: PMEL, A&F, Sup, Legal, Pers	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.27	Supported Unit: Denver MEPS Location: Denver CO Support provided: Supply, Personnel	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.28	Supported Unit: Det 1, 99th Elec Cmd Rnge G Location: La Junta CO Support provided: PMEL, Facility, Legal	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.29	Supported Unit: Det 3, SMC/MTD Location: Denver CO Support provided: Base Support	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.30	Supported Unit: Det 3, Spec Comm Gp Location: Falcon AFB CO Support provided: PMEL, A&F, Supply, Trans	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.31	Supported Unit: Det 4, 3d Air Spt Gp Location: Fort Carson CO Support provided: Base Support	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.32	Supported Unit: Det 4, AFOTEC Location: Colo Spgs CO Support provided: Base Support	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.33	Supported Unit: Det 402, AFOSI Location: Lowry AFB CO Support provided: Sup, Legal, Pers	GSU	GSU - Geographically Separated Unit REM - Remote Unit

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I.1.B.34	Supported Unit: Det 45, AFTAC Location: Buckley ANGB, CO Support provided: PMEL, Supply, A&F, Legal, Pers	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.35	Supported Unit: Det 58, 1s Weath Gp Location: Fort Carson CO Support provided: Base Support	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.36	Supported Unit: Det 7, Civil Air Patrol Location: Denver CO Support provided: A&F, Legal, Personnel	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.37	Supported Unit: FEMA Natl Warning Ctr Location: Cheyenne Mtn AFB CO Support provided: Supply	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.38	Supported Unit: HQ ARPC Location: Denver CO Support provided: Base Support	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.39	Supported Unit: HQ DITSO Location: Denver CO Support provided: A&F, Legal, Personnel	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.40	Supported Unit: JPPSO Location: Colo Spgs CO Support provided: Base Support	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.41	Supported Unit: JTOTC Location: Denver CO Support provided: A&F, Supply	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.42	Supported Unit: National Test Facility Location: Falcon AFB CO Support provided: Base Support	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.43	Supported Unit: Sp & Ms Sys Ctr Det 5 Location: Falcon AFB CO Support provided: PMEL, Pers, A&F, Supply, Trans	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.44	Supported Unit: Space & Missile Sys Ctr Location: Denver CO Support provided: Comm Services	GSU	GSU - Geographically Separated Unit REM - Remote Unit

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I.1.B.45	Supported Unit: US Army Garrison Location: Fort Carson CO Support provided: Dep Airfield Control, Group Sup	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.46	Supported Unit: US Army Recruiting Btl Location: Denver CO Support provided: A&F	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.47	Supported Unit: US Army Space Cmd Location: Colo Spgs CO Support provided: Base Support	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.48	Supported Unit: USAF Academy Location: USAFA CO Support provided: PMEL	GSU	GSU - Geographically Separated Unit REM - Remote Unit

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2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

I.2.A.1 Some of the base ATCALs are officially part of the NAS.

I.2.A.2 Details for specific ATC facilities:

	(A.2) ATC Summary:		(A.3) Detailed traffic counts:				
	Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	ILS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
GCA	3	0	0	0	0	0	0
RAPCON	3	179245	130097	49148	0	0	0
Tower	3	248036	103812	35333	N/A	N/A	N/A

I.2.A.4 The primary instrument runway is designated 17R

122577 operations were conducted this runway during calendar year 1993

I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:

None

I.2.A.6 The base experiences ATC delays.

I.2.A.6.a Details regarding ATC delays:

Average number of delays per month (over the last 2 years): 0

The total number of sorties per month: 2235

The average length of the delays: 0:00

I.2.A.6.b There is a common rationale for the delays:

FAA National Metering Program causes them. Denver is only 60 miles north and may cause a delay for metering or sequencing.

B. Geographic Location

I.2.B.1 Nearest major primary airlift customer: FORT CARSON distance 8 NM

Nearest major primary airdrop customer: FORT CARSON distance 8 NM

I.2.B.2 Distance to forward deployment Air Bases:

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Lajes AB: 3630 NM
 Rota AB: 4669 NM
 Hickam AFB: 2926 NM
 RAF Mildenhall: 4441 NM

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway \geq 3,000ft	BUTTS AAF	8
I.2.B.4	Military airfield, runway \geq 8,000ft	BUCKLEY ANGB	54
I.2.B.5	Military airfield, runway \geq 10,000ft	BUCKLEY ANGB	54
I.2.B.6	Military or civilian airfield, runway \geq 3,000ft	Butts AAF	8
I.2.B.7	Military or civilian airfield, runway \geq 8,000ft	Buckley ANG	40
I.2.B.8	Military or civilian airfield, runway \geq 10,000ft	Buckley ANG	40
I.2.B.9	Civilian airfield, runway \geq 8,000ft for capable of conducting short term operations	Pueblo Memorial	35
I.2.B.10	Civilian airfield, runway \geq 10,000ft for capable of conducting short term operations	Pueblo Memorial	35
I.2.B.11	Other runways on base can be used for emergency landings.		

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

- I.2.C.1 There are No supersonic Air Combat Training (ACBT) MOAs or warning/restricted areas (minimum size of 4,200 sq NM) within 300 NM.
- I.2.C.2 There are No MOAs or warning/restricted areas (minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft) within 200 NM.
- I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
O'NEILL	346 NM	R-5107B	349 NM	POWDER RIVER A	403 NM
UTTR	415 NM	DESERT	483 NM	HAYS	571 NM
OWYHEE/ PARADISE	572 NM	AUSTIN/GABBS CN	574 NM	AUSTIN/GABBS N/C	574 NM

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Austin1/GABBS N&C	574 NM	AUSTIN 1	576 NM	WILLISTON	595 NM
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I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
AIRBURST	23 NM	MELROSE	274 NM	SMOKEY HILL	321 NM
OSCURA	342 NM	FALCON	381 NM	HAG/UTTR	385 NM
EAGLE/UTTR	408 NM	KITTYCAT/UTTR	410 NM	NELLIS R63	530 NM
GOLDWATER RANGE 3	533 NM	NELLIS R65	535 NM	GOLDWATER RANGE 2	543 NM
GOLDWATER RANGE 4	545 NM	SAYLOR CREEK	548 NM	GOLDWATER RANGE 1	551 NM
RAZORBACK	551 NM	CANNON	593 NM	EL CENTRO	610 NM
FALLON B-17	632 NM	CHINA LAKE	646 NM	FALLON B-19	653 NM
McMULLEN	702 NM	CLAIBORNE	729 NM	HARDWOOD	732 NM

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

MELROSE	274 NM
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I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

UTTR/ACMI	428 NM
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I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

AIRBURST	23 NM
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I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	2	5	7	57	119	155
SR	0	3	3	15	44	81
VR	2	2	4	34	105	149
Total Routes:	4	10	14	106	268	385

Identify Routes:

VR-412 21 NM	VR-413 21 NM	IR-415 54 NM	IR-414 55 NM		
IR-409 101 NM	IR-416 122 NM	IR-177 141 NM	SR-541 141 NM	SR-542 141 NM	SR-540 141 NM
VR-108 153 NM	IR-110 173 NM	IR-126 173 NM	VR-1174 184 NM		
IR-109 201 NM	IR-320 206 NM	IR-150 208 NM	IR-107 217 NM	SR-212 224 NM	VR-1195 230 NM
IR-503 231 NM	SR-214 232 NM	IR-113 233 NM	VR-1574 233 NM	IR-111 242 NM	IR-112 242 NM
IR-514 248 NM	VR-536 251 NM	VR-125 252 NM	SR-213 253 NM	IR-500 254 NM	IR-501 254 NM
IR-507 259 NM	VR-114 264 NM	VR-1107 266 NM	IR-172 268 NM	IR-173 268 NM	VR-1523 273 NM
VR-176 278 NM	VR-100 282 NM	IR-506 300 NM	VR-1522 300 NM	IR-429 301 NM	IR-473 301 NM

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IR-476	301 NM	IR-476A	301 NM	IR-499	301 NM	SR-216	302 NM	IR-524	305 NM	SR-206	311 NM
VR-552	313 NM	IR-276	319 NM	IR-185	320 NM	VR-544	321 NM	IR-175	322 NM	VR-1141	325 NM
IR-181	328 NM	IR-183	328 NM	IR-518	330 NM	IR-133	332 NM	VR-532	332 NM	VR-545	339 NM
IR-171	342 NM	IR-182	342 NM	SR-205	343 NM	VR-531	346 NM	IR-613	349 NM	IR-145	352 NM
SR-217	352 NM	IR-146	352 NM	SR-208	353 NM	VR-138	355 NM	VR-1140	356 NM	IR-505	357 NM
IR-155	361 NM	IR-400	364 NM	IR-154	365 NM	VR-119	365 NM	IR-517	368 NM	VR-1515	368 NM
VR-1520	368 NM	IR-134	369 NM	VR-1116	370 NM	VR-534	372 NM	VR-535	372 NM	IR-116	374 NM
SR-294	374 NM	SR-295	374 NM	VR-512	376 NM	IR-418	378 NM	IR-420	378 NM	VR-1521	380 NM
VR-533	380 NM	IR-102	381 NM	IR-131	381 NM	IR-141	381 NM	IR-115	382 NM	IR-498	384 NM
VR-540	385 NM	IR-132	386 NM	SR-210	392 NM	SR-211	392 NM	IR-508	398 NM	VR-1422	398 NM
VR-1423	398 NM	IR-509	398 NM								
VR-152	402 NM	VR-511	402 NM	SR-296	404 NM	VR-510	405 NM	VR-1142	406 NM	VR-1144	406 NM
IR-425	409 NM	VR-1445	410 NM	VR-1446	410 NM	IR-128	411 NM	VR-159	412 NM	IR-117	418 NM
VR-1113	418 NM	VR-1128	418 NM	VR-1137	418 NM	VR-541	420 NM	VR-1138	421 NM	SR-280	425 NM
VR-163	430 NM	IR-310	432 NM	SR-233	435 NM	SR-234	435 NM	SR-236	435 NM	SR-240	435 NM
SR-243	435 NM	SR-245	435 NM	SR-244	435 NM	SR-273	435 NM	SR-267	435 NM	SR-258	435 NM
SR-255	435 NM	SR-251	435 NM	SR-250	435 NM	SR-249	435 NM	SR-242	435 NM	VR-1146	436 NM
IR-266	439 NM	VR-1406	439 NM	VR-1143	440 NM	VR-158	440 NM	VR-1139	441 NM	VR-1145	441 NM
VR-162	441 NM	IR-250	443 NM	SR-618	443 NM	SR-619	443 NM	IR-144	454 NM	IR-165	454 NM
IR-178	454 NM	IR-235	456 NM	IR-103	460 NM	IR-105	460 NM	VR-104	465 NM	VR-118	467 NM
VR-239	470 NM	VR-245	470 NM	IR-130	471 NM	IR-180	471 NM	SR-616	474 NM	SR-617	474 NM
VR-260	474 NM	VR-1233	474 NM	IR-430	475 NM	IR-490	475 NM	IR-492	475 NM	VR-242	475 NM
VR-246	475 NM	VR-267	475 NM	VR-259	475 NM	VR-269	475 NM	VR-268	475 NM	VR-244	475 NM
VR-1220	475 NM	VR-1219	475 NM	IR-139	476 NM	VR-263	476 NM	IR-254	481 NM	IR-285	481 NM
IR-290	482 NM	IR-293	482 NM	IR-290A	482 NM	IR-122	484 NM	IR-504	484 NM	IR-502	484 NM
IR-644	489 NM	IR-649	489 NM	VR-1110	491 NM	IR-480	493 NM	VR-1130	493 NM	VR-1525	493 NM
IR-484	493 NM	IR-481	493 NM	IR-281	495 NM	VR-1253	496 NM	VR-231	499 NM	IR-478	502 NM
IR-478A	502 NM	IR-479	502 NM	IR-479A	502 NM	VR-1546	504 NM	VR-196	504 NM	VR-223	511 NM
IR-485	514 NM	IR-431	515 NM	IR-482	515 NM	IR-124	520 NM	IR-129	520 NM	VR-186	520 NM
VR-299	523 NM	IR-280	531 NM	IR-282	531 NM	IR-234	536 NM	IR-238	536 NM	VR-1182	538 NM
SR-270	540 NM	VR-189	542 NM	SR-223	544 NM	SR-224	544 NM	VR-1225	545 NM	IR-286	546 NM
VR-101	549 NM	VR-296	549 NM	VR-289	549 NM	IR-279	550 NM	VR-209	550 NM	VR-1259	550 NM
IR-302	551 NM	VR-1304	551 NM	IR-164	554 NM	VR-1260	554 NM	VR-1104	554 NM	VR-1124	557 NM
VR-1300	557 NM	SR-228	558 NM	VR-1117	558 NM	IR-527	560 NM	SR-261	560 NM	VR-1267	565 NM
IR-170	567 NM	SR-397	568 NM	VR-1108	570 NM	VR-1109	570 NM	IR-169	571 NM	IR-237	573 NM
SR-239	577 NM	VR-143	578 NM	VR-188	579 NM	IR-123	584 NM	IR-252	587 NM	IR-255	587 NM

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IR-120	591 NM	SR-286	591 NM	VR-1102	591 NM	IR-301	591 NM	IR-214	592 NM	VR-1252	595 NM
VR-1266	597 NM	VR-1267	597 NM	VR-1268	597 NM	IR-275	598 NM	IR-216	599 NM	IR-678	599 NM
IR-206	601 NM	VR-1616	603 NM	SR-728	609 NM	SR-729	609 NM	IR-149	611 NM	SR-731	611 NM
SR-730	611 NM	SR-293	613 NM	VR-1122	617 NM	IR-218	621 NM	IR-142	625 NM	VR-1205	626 NM
VR-1301	626 NM	SR-218	627 NM	SR-219	627 NM	SR-220	627 NM	SR-222	627 NM	SR-227	627 NM
SR-226	627 NM	VR-316	627 NM	SR-237	627 NM	SR-232	627 NM	SR-231	627 NM	SR-230	627 NM
SR-229	627 NM	SR-221	627 NM	IR-212	628 NM	IR-213	628 NM	IR-217	628 NM	VR-1264	629 NM
VR-319	629 NM	IR-264	633 NM	IR-925	635 NM	VR-208	637 NM	SR-290	638 NM	SR-292	638 NM
VR-1211	639 NM	IR-121	641 NM	VR-1103	641 NM	IR-307	641 NM	IR-127	642 NM	VR-187	642 NM
VR-1120	645 NM	VR-1214	647 NM	VR-1215	647 NM	VR-288	648 NM	SR-727	649 NM	VR-1255	651 NM
VR-1105	655 NM	VR-156	655 NM	VR-1152	655 NM	IR-304	662 NM	IR-303	663 NM	VR-1217	665 NM
VR-1302	665 NM	VR-1218	665 NM	VR-1353	665 NM	IR-592	675 NM	VR-201	675 NM	IR-148	680 NM
VR-106	681 NM	SR-390	692 NM	VR-168	699 NM	VR-1106	700 NM	IR-605	702 NM	VR-1123	703 NM
SR-776	704 NM	VR-1293	704 NM	VR-1121	705 NM	VR-1650	708 NM	IR-147	711 NM	VR-1206	713 NM
SR-311	717 NM	IR-614	719 NM	VR-1635	719 NM	SR-785	719 NM	SR-238	721 NM	VR-615	721 NM
SR-381	723 NM	SR-773	725 NM	SR-073	727 NM	SR-074	727 NM	IR-160	741 NM	IR-161	741 NM
IR-606	745 NM	VR-607	745 NM	VR-1265	746 NM	SR-774	749 NM	IR-157	750 NM	VR-151	750 NM
IR-174	750 NM	IR-300	752 NM	SR-771	752 NM	IR-203	753 NM	IR-342	757 NM	VR-1352	757 NM
IR-136	758 NM	SR-075	758 NM	IR-068	761 NM	IR-135	761 NM	VR-1196	766 NM	SR-300	767 NM
IR-211	770 NM	IR-340	771 NM	VR-1032	773 NM	IR-070	774 NM	SR-359	774 NM	VR-1254	779 NM
IR-166	782 NM	VR-1354	782 NM	SR-473	784 NM	SR-477	784 NM	SR-478	784 NM	IR-078	794 NM
VR-1679	795 NM	IR-200	797 NM	VR-1355	798 NM						

I.2.C.9 IR-429 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 301 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
5	30	68

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance
AR-643	108 NM	AR-622	137 NM	AR-314 EAST	140 NM	AR-623	150 NM
AR-314 WEST	169 NM						
AR-201 WEST	208 NM	AR-3L	208 NM	AR-312	211 NM	AR-011 WEST	217 NM
AR-014 WEST	217 NM	AR-011 EAST	218 NM	AR-014 EAST	218 NM	AR-309 EAST	221 NM

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AR-116 EAST	229 NM	AR-461	229 NM	AR-017 NORTH	230 NM	AR-201 EAST	233 NM
AR-3H WEST	241 NM	AR-019 NORTH	258 NM	AR-024 NORTH	258 NM	AR-017 SOUTH	268 NM
AR-115	270 NM	AR-013 EAST	278 NM	AR-310 EAST	279 NM	AR-310 WEST	279 NM
AR-602	281 NM	AR-019 SOUTH	293 NM	AR-024 SOUTH	293 NM	AR-330 EAST	296 NM
AR-674	300 NM						
AR-653	302 NM	AR-644 SOUTH	308 NM	AR-3H EAST	331 NM	AR-116 WEST	333 NM
AR-013 WEST	343 NM	AR-002 WEST	345 NM	AR-644 NORTH	348 NM	AR-658	365 NM
AR-309 WEST	397 NM	AR-624	415 NM	AR-012H WEST	422 NM	AR-012L WEST	422 NM
AR-642E EAST	422 NM	AR-330 WEST	428 NM	AR-613	428 NM	AR-105 EAST	438 NM
AR-105 WEST	438 NM	AR-642W WEST	440 NM	AR-012H EAST	442 NM	AR-012L EAST	442 NM
AR-635	447 NM	AR-113 EAST	455 NM	AR-114	455 NM	AR-106H EAST	456 NM
AR-106L EAST	456 NM	AR-106H WEST	460 NM	AR-106L WEST	460 NM	AR-112 EAST	462 NM
AR-104 EAST	466 NM	AR-001 EAST	468 NM	AR-641B	470 NM	AR-641A	478 NM
AR-639	479 NM	AR-639A	479 NM	AR-318 EAST	482 NM	AR-113 WEST	489 NM
AR-104 WEST	492 NM	AR-603	492 NM				

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
4912	6961

Track	Distance	Events	Track	Distance	Events	Track	Distance	Events	Track	Distance	Events
AR-314	140 NM	256	AR-201	208 NM	490	AR-011	217 NM	87	AR-014	217 NM	635
AR-309	221 NM	138	AR-116	229 NM	541	AR-017	230 NM	186	AR-024	258 NM	149
AR-013	278 NM	329	AR-002	345 NM	9	AR-012H	422 NM	141	AR-012L	422 NM	107
AR-105	438 NM	285	AR-113	455 NM	27	AR-114	455 NM	566	AR-106	456 NM	483
AR-112	462 NM	360	AR-104	466 NM	123			0			0
AR-010	508 NM	525	AR-102	508 NM	10	AR-110	556 NM	596	AR-016	588 NM	157

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 217NM from the base."

I.2.C.10d Percentage of tanker demand in region: 19.0
 Percentage of tankers based in region: 19.0

Tanker saturation within the region has been classified as tanker **Balanced**

I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR

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ANTELOPE - PINON	88 NM	✓	✓	✓	0	0
APOLLO (CIR)	82 NM	✓	✓	✓	0	0
ARROYO	84 NM	✓	✓	✓	0	0
BAILEY	322 NM	✓	✓	✓	0	0
BRADFORDS FOLLY	330 NM		✓	✓	0	0
BURRIS (N)	275 NM	✓	✓		0	2
CHOLA	89 NM	✓	✓	✓	0	0
DOUGHBOY 2	23 NM	✓	✓	✓	0	0
GEMINI	82 NM	✓	✓	✓	0	0
GRANDMA	86 NM	✓	✓	✓	0	0
GRANDMA (CIR)	85 NM	✓	✓	✓	0	0
GRANDPA	86 NM	✓	✓	✓	0	0
HOGBACK	89 NM	✓	✓	✓	0	0
HUGE	317 NM		✓		0	0
IRON MOUNTAIN EAST	148 NM	✓	✓	✓	0	0
MELROSE	275 NM		✓		5	0
NIGHTHAWK	329 NM		✓		0	0
PINE	87 NM	✓	✓	✓	0	0
PINON	87 NM	✓	✓	✓	0	0
PINON (CIR)	87 NM	✓	✓	✓	0	0
PREY	83 NM	✓	✓	✓	0	0
PRONGHORN	88 NM	✓	✓	✓	0	0
RAPTOR	83 NM	✓	✓	✓	0	0
RIO PUERCO (A)	265 NM		✓		0	0
RIO PUERCO (CIR)	265 NM	✓	✓		0	0

I.2.C.11.a Drop Zone Servicing Instrument and Slow Routes (IRs and SRs)

BURRIS (N)	SR-211	SR-214						
MELROSE	IR-107	IR-109	IR-111	IR-113	IR-180			

I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

RED DEVIL 19 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
DOUGHBOY 2	23 NM	✓	✓	✓	0	0

UNCLASSIFIED

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I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM>

FORT CARSON

8 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 The base Does not control or manage any ranges, questions I.2.D.2 to I.2.D.17 skipped.

Ranges (Used by the base)

I.2.D.18 The base uses ranges on a regular basis

I.2.D.19 The mission and training is Not adversely impacted by training area airspace encroachment or other conflicts.

I.2.D.20 MOAs/bombing ranges/other training areas have No scheduling restrictions/limitations.

I.2.D.21 MOAs/bombing ranges/other training areas have No projected scheduling restrictions/limitations.

I.2.D.22 No significant changes/restrictions/limitations effecting the scheduling of low level routes in progress.

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E. Airspace Used by Base

I.2.E.1 Base schedules or manages no airspace, questions I.2.E.2 to I.2.D.12 skipped.

I.2.E.1.a The base does Not use airspace.

Commercial Aviation Impact

I.2.E.12 The base is joint-use (military/civilian).

I.2.E.13 List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
Colorado Springs Airport	Commercial

I.2.E.14 Civilian/commercial operators or other airspace users do Not pose scheduling, operational, or environmental constrains or limits.

1995 AIR FORCE BASE QUESTIONNAIRE**Peterson AFB - AFSPC****F. Potential for Growth in Training Airspace (Area)**

- I.2.F.1** **Expansion of training airspace is Not possible.**
- I.2.F.2** **Current access will remain the same.**
- I.2.F.3** **No reductions in training airspace are expected.**
- I.2.F.4** **Current special use airspace and training areas meet all training requirements.**
- I.2.F.4.a** **Deployed, off-station training is not required to meet training requirements.**

G. Composite / Integrated Force Training

- I.2.G.1** **Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:**
 FORT CARSON
 8 NM from the base.
- I.2.G.2** **DELETED**
- I.2.G.3** **Nearest Naval unit where joint training can be accomplished:**
 China Lake NM
 646 mi from the base.
- I.2.G.4** **Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:**
 Peterson AFB CO
 0 mi from the base.
- I.2.G.5** **DELETED**

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

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I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / ½ mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
98.1	97.0	92.1	88.7	88.5

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 92.5 percent of the time

I.2.J.2.b Is at or below 25 knots 98.1 percent of the time

I.2.J.3 57 Days have freezing participation (mean per year).

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Section II

1. Installation Capacity & Condition

A. Land

	Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
II.1.A.1	PAFB CO	Housing Area	138	128	10
II.1.A.2	Peterson AFB CO	Main Base	1,140	917	223
TOTALS:			1,278	1,045	233

B. Facilities

II.1.B.1 From real property records:

	Facility Category Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	(C) Excess Capacity
II.1.B.1.a.i	121-122	Hydrant Fueling System Pits	EA	0	0		0.0	0.0	0
II.1.B.1.a.ii	121-122a	Consolidated Aircraft Support System	EA	0	0		0.0	0.0	0
II.1.B.1.b	131	Communications-Buildings	SF	N/A	41,343	29.0	71.0	0.0	N/A
II.1.B.1.c	141	Operations-Buildings	SF	N/A	202,962	90.0	10.0	0.0	N/A
II.1.B.1.c.i	141-232	Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	141-753	Squadron Operations	SF	19,160	19,160	100.0	0.0	0.0	0
II.1.B.1.c.iii	141-782	Air Freight Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.iv	141-784	Air Passenger Terminal	SF	2,575	2,575	0.0	100.0	0.0	0
II.1.B.1.c.v	141-785	Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	171	Training Buildings	SF	N/A	87,159	82.0	17.0	1.0	N/A
II.1.B.1.d.i	171-211	Flight Training	SF	0	0		0.0	0.0	0
II.1.B.1.d.ii	171-211a	Combat Crew Trng Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	171-212	Flight Simulator Training (High Bay)	SF	0	0		0.0	0.0	0
II.1.B.1.d.iv	171-212a	Companion Trng Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	171-618	Field Training Facility	SF	0	0		0.0	0.0	0
II.1.B.1.e	211	Maintenance Aircraft	SF	N/A	190,125	46.0	54.0	0.0	N/A
II.1.B.1.e.i	211-111	Maintenance Hanger	SF	51,430	51,430	0.0	100.0	0.0	0
II.1.B.1.e.ii	211-152	General Purpose Aircraft Maintenance	SF	32,438	32,438	0.0	100.0	0.0	0
II.1.B.1.e.iii	211-152a	DASH 21	SF	0	0		0.0	0.0	0
II.1.B.1.e.iv	211-153	Non-Destructive Inspection (NDI) Lab	SF	4,095	4,095	100.0	0.0	0.0	0

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II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	14,265	5,915	69.0	31.0	0.0	0
II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	15,640	15,640	100.0	0.0	0.0	0
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	0	0		0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	600	600	0.0	100.0	0.0	0
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	44,295	44,295	100.0	0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	13,940	13,940	0.0	100.0	0.0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	19,984	19,984	100.0	0.0	0.0	0
II.1.B.1.e.xiii	211-183	Test Cell	SF	0	0		0.0	0.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.	214	Maintenance-Automotive	SF	N/A	32,395	0.0	100.0	0.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	31,895	31,895	0.0	100.0	0.0	0
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	0	0		0.0	0.0	0
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	0	0		0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	0	0		0.0	0.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	12,672	47.0	53.0	0.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	0	12,672	47.0	53.0	0.0	0
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	0	0		0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	23,144	23,144	28.0	72.0	0.0	0
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	13,693	13,693	73.0	0.0	27.0	0
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	9,700	5,080	0.0	100.0	0.0	0
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	75,367	96.0	3.0	1.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	87,305	100.0	0.0	0.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	12,400	100.0	0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	15,053	15,053	49.0	51.0	0.0	0
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	787	65.0	35.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	512	512	100.0	0.0	0.0	0

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II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	275	275	0.0	0.0	100.0	0
II.1.B.1.t.iii	422-264	Igloo Magazine	SF	0	0		0.0	0.0	0
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	0	0		0.0	0.0	0
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	0	0		0.0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	105,053	0.0	37.0	63.0	N/A
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	0	0		0.0	0.0	0
II.1.B.1.v.ii	442-258	LOX Storage	GA	0	0		0.0	0.0	0
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	132,495	93,495	0.0	29.0	71.0	0
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	11,558	11,558	0.0	100.0	0.0	0
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	0	0		0.0	0.0	0
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	46,059	10.0	90.0	0.0	N/A
II.1.B.1.x	530	Medical Laboratories	SF	N/A	2,688	100.0	0.0	0.0	N/A
II.1.B.1.y	540	Dental Clinics	SF	N/A	22,146	100.0	0.0	0.0	N/A
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	523,103	60.0	29.0	11.0	N/A
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	0	0		0.0	0.0	0
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0		0.0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	906	100.0	0.0	0.0	N/A
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	817	826	17.0	83.0	0.0	9
II.1.B.1.cc	722	Dining Hall	SF	N/A	15,988	10.0	90.0	0.0	N/A
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	14,388	14,388	0.0	100.0	0.0	0
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	75	100.0	0.0	0.0	N/A
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	80,222	46.0	49.0	5.0	N/A
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	503,476	64.0	30.0	6.0	N/A
II.1.B.1.gg	852-273	Acft Support Equipment Storage	SY	2,967	2,967	100.0	0.0	0.0	0

II.1.B.2 From in-house survey:

Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	111 Aircraft Pavement-Runway(s)	SY	0			
II.1.B.1.b	112 Airfield Pavements-Taxiways	SY	18,211	0.0	0.0	100.0
II.1.B.1.c	113 Airfield Pavement-Apron(s)	SY	325,119	0.0	100.0	0.0
II.1.B.1.d	116-662 Dangerous Cargo Pad	SY	0			
II.1.B.1.e	812 Elec Power-Trans & Distr Lines	LF	283,928	100.0	0.0	0.0

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II.1.B.1.f	822	Heat-Trans & Distr Lines	LF	950	100.0	0.0	0.0
II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	160,500	100.0	0.0	0.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	232,577	19.0	81.0	0.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	1,170	100.0	0.0	0.0
II.1.B.1.j	851	Roads	SY	693,861	81.0	19.0	0.0
II.1.B.1.k	852	Veh/Equip Parking	SY	502,702	1.0	80.0	19.0

C. Family Housing (Facility Category Code 711)

II.1.C.1 Capacity (housing Inventory)

II.1.C.1.a Number of adequate units from current DD Form 1410, line 18d:

491

II.1.C.1.b Number of substandard units from current DD Form 1410, line 18e:

0

II.1.C.1.c Current deficit (-) or surplus units in validated Market Analysis:

-1669

(includes E-1 - E3 requirements)

II.1.C.1.c.i A Market Analysis was used to answer the questions in Section II.1.C.

II.1.C.1.d FY95/4 projected net housing deficit (-) or surplus of units:

-1172

(includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)

II.1.C.2 Condition

II.1.C.2.a Number of adequate units meeting current whole-house standards of accommodation and state of repair:

190

(includes projects programmed through FY95/4. Units meeting whole-house standards are those that were programmed after FY88)

II.1.C.2.a Number of adequate units requiring whole-house renovation or replacement:

139

(Units meeting whole-house standards are those that were programmed/renovated after FY88).

II.1.C.2.a Number of new housing units projected to meet current deficit.

0

II.1.C.3 Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base

II.1.C.3.a 6.0 percent of officer families live on base.

II.1.C.3.b 13.0 percent of enlisted families live on base.

II.1.C.3.a 10.0 percent of all military families live on base.

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2. Airfield Characteristics

II.2 Runway Table:

Primary Designation		Dimensions:		Cross Runway	Aircraft Arresting Systems (II.2.I)	
		Length	Width		Number	Types
12	Secondary	8268 ft	150 ft	Yes		
17L	Secondary	13500 ft	150 ft	No		
30	Secondary	8268 ft	150 ft	Yes		
35L	Secondary	11900 ft	150 ft	No		
35R	Secondary	13500 ft	150 ft	No		
17R	Primary	11900 ft	150 ft	No	None	

II.2.A There are 3 active runways.

II.2.A.1 There are 2 cross (30 degrees from primary) runways.

II.2.B There are 2 parallel runways (excluding main runway).

II.2.C Dimensions of the primary runway (17R).

II.2.C.1 Length: 11,900 ft

II.2.C.2 Width: 150 ft

II.2.D Dimensions of all secondary runways are in the runway table.

II.2.E The primary taxiway is 75 ft wide.

II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency (AFCESA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

Procedures in AFM 88-24 were used to perform calculations for this section.

Aircraft Group				Primary Pavements			
				Runways	Taxiways	Aprons	
II.2.F.1	Fighter	F-15	61 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.2	Fighter	F-16C/D	37 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.3	Bomber	B-52	450 Kips	15,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.4	Bomber	B-1B	450 Kips	50,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.5	Tanker	KC-135R	320 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.6	Tanker	KC-10	550 Kips	15,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.7	Airlift	C-5B	800 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.8	Airlift	C-141	325 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now

II.2.F.9 Work required to upgrade pavement to the required strength:

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		(9.a) Unit of Measure	(9.b) Quantity	(9.c) Description of Work
Pavement:	Aircraft:			
Aprons	B-1B		52	PCC Overlay 2.5 inches
Aprons	B-52		52	PCC Overlay 2.5 inches

II.2.G Excess aircraft parking capacity for operational use.

II.2.G.1 The total usable apron space for aircraft parking is 167,321 Sq Yds.

II.2.G.1.a Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions (Equivalent Rectangle)		CURRENT USE DATA. (Type of Aircraft and which of the permanently assigned aircraft use the area.)	
Area 1	380 ft	280 ft	Transient Aircraft	Transient
B Row	296 ft	238 ft	Primary Aircraft	C-21
DV Area	645 ft	217 ft	Transient Aircraft	DV Parking
L Row	355 ft	295 ft	Neither	UV-18, C-12, T-43
Lt Aircraft Apron	524 ft	215 ft	Neither	Aero Club parking
Restricted Area 2F	317 ft	225 ft	Transient Aircraft	Fighter Aircraft
Restricted Area 2H	1,111 ft	295 ft	Neither	Heavy Aircraft
Restricted Area 4	1,763 ft	505 ft	Primary Aircraft	302 AW C-130

II.2.G.2 Permanently assigned aircraft currently require 116,980 Sq Yds of parking space.

II.2.G.3 61,193 Sq Yds of parking space is available for parking additional non-transient aircraft.

II.2.G.4 The following factors limit aircraft parking capability:

Ramp is accessible from the parallel taxiway Bravo only.

II.2.H The dimensions of the (largest) transient parking area:

II.2.I Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)

II.2.J Critical features relative to the airfield pavement system that limit its capacity:

Parallel taxiway Bravo renders 2,500SY of ramp as unusable and prevents expansion towards it due to the FAA Object Free Area requirements; ramp expansion to the north is impossible due to the proximity of runway 17R/35L. The Aero Club parking ramp is st

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	10.0 MG/D	MG/D - million gallons per day	18 %
II.3.A.2 Sewage:	6.0 MG/D		8 %
II.3.A.3 Electrical distribution:	21.9 MW	MW - million watts	22 %
II.3.A.4 Natural Gas:	3.43 MCF/D	MCF/D - million cubic feet per day	1 %
II.3.A.5 High temperature water/steam generation/distribution:		MBTUH - million British thermal units per hour	%

II.3.B Characteristics regarding the utility system that should be considered:

No.

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1 Facility number: 104 Hanger
Current Use: RAPIER Equipment Hangar

II.4.A.2 Size (SF): 19,188 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-20

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	120 ft	35 ft	
II.4.A.6 Largest unobstructed space inside the facility:	95 ft	30 ft	68 ft

II.4.A.1 Facility number: 108 Hanger
Current Use: 39 MAPS Support Equipment

II.4.A.2 Size (SF): 12,354 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-20

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	120 ft	20 ft	
II.4.A.6 Largest unobstructed space inside the facility:	60 ft	20 ft	60 ft

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II.4.A.1 Facility number: 119 Hanger

Current Use: Tenant aircraft

II.4.A.2 Size (SF): 13,940 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-20

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	120 ft	25 ft	
II.4.A.6 Largest unobstructed space inside the facility:	78 ft	25 ft	118 ft

II.4.A.1 Facility number: 121 Hanger

Current Use: Tenant aircraft

II.4.A.2 Size (SF): 13,952 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-20

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	120 ft	25 ft	
II.4.A.6 Largest unobstructed space inside the facility:	78 ft	25 ft	118 ft

II.4.A.1 Facility number: 123 Hanger

Current Use: Mobility Area/WRM

II.4.A.2 Size (SF): 13,940 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-20

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	120 ft	25 ft	
II.4.A.6 Largest unobstructed space inside the facility:	ft	ft	ft

II.4.A.1 Facility number: 130 Hanger

Current Use: Mobility Area/WRM

II.4.A.2 Size (SF): 11,558 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-20

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	120 ft	25 ft	
II.4.A.6 Largest unobstructed space inside the facility:	ft	ft	ft

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II.4.A.1 Facility number: 133 Hanger

Current Use: Canadian Aircraft

II.4.A.2 Size (SF): 14,007 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-20

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	120 ft	25 ft	
II.4.A.6 Largest unobstructed space inside the facility:	75 ft	25 ft	105 ft

II.4.A.1 Facility number: 140 Hanger

Current Use: Base aircraft

II.4.A.2 Size (SF): 51,060 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-20

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	120 ft	30 ft	
II.4.A.6 Largest unobstructed space inside the facility:	214 ft	30 ft	115 ft

II.4.A.1 Facility number: 208 Hanger

Current Use: 302 AW AGE Hangar

II.4.A.2 Size (SF): 20,795 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	129 ft	20 ft	
II.4.A.6 Largest unobstructed space inside the facility:	94 ft	20 ft	100 ft

II.4.A.1 Facility number: 210 Hanger

Current Use: 302 AW Reserve C-130

II.4.A.2 Size (SF): 54,367 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	160 ft	50 ft	
II.4.A.6 Largest unobstructed space inside the facility:	190 ft	55 ft	300 ft

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II.4.A.1 Facility number: 214 Hanger
Current Use: 302 AW Reserve C-130

II.4.A.2 Size (SF): 24,312 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	160 ft	30 ft	
II.4.A.6	Largest unobstructed space inside the facility:	98 ft	30 ft	143 ft

5. Unique Facilities

II.5.A There are No unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed.

6. Air Installation Compatible Use Zone (AICUZ) and Terminal Area Procedures Local/Regional Land Encroachment

II.6.A Percent current off base incompatible land use:

	Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES					
							RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.A.1	12	CZ	0	118	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	17L	CZ	0	207	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	17R	CZ	0	207	5.0	Sig Incompat	0.0	0.0	5.0	0.0	0.0	95.0
	30	CZ	0	207	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	35L	CZ	0	207	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	35R	CZ	0	207	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.A.2	12	APZ 1	1,753	344	20.0	Sig Incompat	20.0	0.0	40.0	0.0	0.0	40.0
	17L	APZ 1	26	344	1.0	Gen Compat	1.0	0.0	0.0	0.0	0.0	100.0
	17R	APZ 1	4,947	344	90.0	Sig Incompat	90.0	5.0	5.0	0.0	0.0	0.0
	30	APZ 1	0	344	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	35L	APZ 1	0	344	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	35R	APZ 1	0	344	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.A.3	12	APZ 2	3,516	482	0.0	Gen Compat	40.0	15.0	45.0	0.0	0.0	0.0
	17L	APZ 2	612	482	0.0	Gen Compat	13.0	0.0	0.0	0.0	0.0	87.0
	17R	APZ 2	3,355	482	0.0	Gen Compat	49.0	30.0	10.0	0.0	0.0	11.0
	30	APZ 2	0	482	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	35L	APZ 2	0	482	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

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35R	APZ 2	0	482	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
DNL Noise Contour	Est. Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.A.4	65-70	559	6,656	0	Gen Compat	17.0	8.0	12.0	0.0	3.0	60.0
II.6.A.5	70-75	35	2,624	0	Gen Compat	18.0	0.0	0.0	0.0	3.0	79.0
II.6.A.6	75-80	0	1,856	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.A.7	80+	0	0	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

II.6.B Percent future off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.B.1	12	CZ	155	118	15	Sig Incompat	0.0	15.0	0.0	0.0	0.0	85.0
	17L	CZ	0	207	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	17R	CZ	0	207	5	Sig Incompat	0.0	0.0	5.0	0.0	0.0	95.0
	30	CZ	0	207	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	35L	CZ	0	207	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	35R	CZ	0	207	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.B.2	12	APZ 1	2,441	344	25	Sig Incompat	25.0	0.0	75.0	0.0	0.0	0.0
	17L	APZ 1	456	344	5	Incompat	5.0	0.0	25.0	0.0	0.0	70.0
	17R	APZ 1	4,947	344	90	Sig Incompat	90.0	5.0	5.0	0.0	0.0	0.0
	30	APZ 1	0	344	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	35L	APZ 1	0	344	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	35R	APZ 1	0	344	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.B.3	12	APZ 2	3,516	482	0	Gen Compat	40.0	15.0	45.0	0.0	0.0	0.0
	17L	APZ 2	1,048	482	0	Gen Compat	17.0	0.0	28.0	0.0	0.0	55.0
	17R	APZ 2	3,355	482	0	Gen Compat	49.0	30.0	10.0	0.0	0.0	11.0
	30	APZ 2	0	482	0	Gen Compat	10.0	0.0	30.0	0.0	0.0	60.0
	35L	APZ 2	0	482	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	35R	APZ 2	0	482	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES							
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN		
II.6.B.4	65-70	3,625	6,656	0	Gen Compat	22.0	8.0	28.0	0.0	3.0	39.0	
II.6.B.5	70-75	11,192	2,624	30	Sig Incompat	30.0	0.0	33.0	0.0	3.0	34.0	
II.6.B.6	75-80	0	1,856	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0	

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II.6.B.7	80+	0	0	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
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II.6.C The most recent, publicly released AICUZ study is dated Mar 90

II.6.D Current AICUZ study's flying activities subsection reflects all currently assigned aircraft
Subsection reflects the number of daily flying operations conducted by all assigned aircraft
Current AICUZ study's flight track figure/map reflects current flight tracks.

II.6.E The AICUZ study was last updated on Mar 94
The study is still valid.

II.6.F Local governments have incorporated AICUZ recommendations into land use controls

II.6.F.1 AICUZ recommended height restrictions.

Government name:	Types of controls in place	Types of encroachment limited:
Colorado Springs	Zoning	

II.6.F.4 AICUZ recommended development limits between the 65 Ldn and 70 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
Colorado Springs	Zoning	

II.6.F.5 AICUZ recommended development limits between the 70 Ldn and 75 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
Colorado Springs	Zoning	

II.6.F.6 AICUZ recommended development limits between the 75 Ldn and 80 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
Colorado Springs	Zoning	

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II.6.F.7 AICUZ recommended development limits between the 80 Ldn and above Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
Colorado Springs	Zoning	

II.6.G Assessment of significant development (i.e., residential subdivision, shopping mall, or center, industrial park, etc.) existing or anticipated within any of the 7 AICUZ zones.

No significant development currently exists in any AICUZ zone.

No significant development is projected for any AICUZ zone.

Long range (20 year) development trends in the 7 AICUZ zones:

II.6.H Population figures and projections:

II.6.H.1 Communities in the vicinity of the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
Colorado Springs	70194	135060	215150	281140	331764

II.6.H.2 Metropolitan area encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
Metropolitan Statistical Area	235972	309424	397014	445546	494078

II.6.H.3 County (ies) encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
El Paso County	235972	309424	397014	445546	494078

II.6.I Clear zone acquisition has Not been completed.

Runway approach	Extent of acquisition	Expected acquisition date	Expected acquisition cost
12	0 acres	TBD	Unknown

II.6.J All existing on base facilities are sited in accordance with AICUZ recommendations.

All planned on base facilities will be sited in accordance with AICUZ recommendations.

Air Space Encroachment

II.6.K Noise complaints are received from off base residents.

II.6.K.1 2.0 noise complaints per month (average) are received from off base residents.

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II.6.L **The base has implemented noise abatement procedures as follows:**

II.6.L.1 **IAW AP/1, 11 Nov 93**

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 6 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is Load Crews

III.1.A.1.b Current MHE: 4-10K 463L forklifts, 3-25K loaders

III.1.A.2 2 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:				Remarks:
	Can land	Can taxi	Can park	Can refuel	
747					
C-5					Widebody loader has to be contracted from civilians
KC-10					

III.1.C The base does Not have an operational fuel hydrant system.

III.1.D The base bulk storage facility is Not serviced by a pipeline.

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III.1.D.3

Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP).
Storage for others is excluded.

III.1.D.4 Other receipt modes available: Tank Trucks

Number of offload headers: 2

1 tank trucks can be simultaneously offloaded

Tank cars can Not be offloaded.

III.1.D.5 2 refueling unit fillstands are available.

III.1.D.5.a 2 refuelers can be filled simultaneously.

III.1.D.6 Current dispensing capabilities as defined in AFR 144-1

sustained:	384000
maximum:	384000

III.1.D.7 The base is directly supported by an intermediate Defense Fuels Supply Point (DFSP).

III.1.D.7.a Supporting DFSP: The James H. Kinley Co., Omaha NE

III.1.E Cat 1.1 and 1.2 munitions storage requirements and capacity.

III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:
Square footage available (including physical capacity limit):

	Cat 1.1	Cat 1.2
Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:	0	0
Square footage available (including physical capacity limit):	0	0
Normal installation mission storage requirement:	0	0

III.1.E.2 Normal installation mission storage requirement:

III.1.F The base has a dedicated hot cargo pad.

III.1.F.1 Hot cargo pad access limitations:

Class C/Division one point four explosives may land at this civil airport for contingencies/emergencies only. Prior coord needed because h

III.1.F.2 The size of the hot cargo pad is 28,125 sq feet.

III.1.F.3 The sited explosive capacity of the hot cargo pad is 10,000

III.1.F.4 The hot pad access is taxi-on/taxi-off.

III.1.F.5 The taxiway servicing the hot pad is 75 ft wide and has a pavement classification number (PCN) of 43.

III.1.F.6 Aircraft using pad over the last 5 years:

C-130

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III.1.G Proximity (within 150 NM) to mobilization elements.

III.1.G.1 The base is proximate to a ground force installation.

Active ground force installations within 150 NM:

FORT CARSON	8 NM
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III.1.G.2 The base is proximate to a railhead.

Railheads within 150 NM:

Avondale	38 NM
Cheyenne - Warren AFB	140 NM
Colorado Springs - Kelker	4 NM
Denver - Ladora	58 NM

III.1.G.3 The base is over 150 NM from a port.

III.1.H The base has a dedicated passenger terminal.

III.1.I The base does not have a dedicated deployment facility capable of handling DoD standardized cargo pallets.

III.1.J The base medical treatment facility routinely receives referral patients.

III.1.J.1

Facilities Receiving Referrals:	Types of Patients Referred:
USAF Academy	Dermatology
Evans Army Hospital, Fort Carson CO	Dermatology

III.1.K No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

III.1.L Unique missions performed by the base medical facility:

Physiological Training Unit, Dental Lab, button up for Cheyenne Mtn, multiple mobility taskings, support for Mobile Consolidated Comm

Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

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III.1.M Base medical facilities have No facilities projects planned to begin before to 1999.

Facilities projects include military consruction program (MCP) or Operations and Maintenance (O&M) alterations.

III.1.N Base facilities have No excess storage capacity.

III.1.N.1 Base facilities have a total covered storage capacity of 83,450 sq ft.

III.1.N.2 Breakout of the total covered storage capacity:

Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store):	71,892 sq ft
Mobility storage:	0 sq ft
War Readiness Support Kits (WRSK) storage:	11,558 sq ft

III.1.O 337 light military vehicles are on base.

III.1.P 183 heavy military and special vehicles are on base.

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Section IV**1. Base Budget****IV.1 Non-payroll portion of the base budget for prior years:**

IV.1.A	xxx56	Environmental Compliance			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	928.40 \$sK	0.00 \$sK	928.40 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	1,820.50 \$sK	0.00 \$sK		1,820.50 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	1,491.80 \$sK	0.00 \$sK			1,491.80 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	960.30 \$sK	0.00 \$sK				960.30 \$sK
		xxx56 TOTALS:			928.40 \$sK	1,820.50 \$sK	1,491.80 \$sK	960.30 \$sK
IV.1.B	xxx76	Real Property Maintenance A			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	28,414.00 \$sK	523.50 \$sK	28,937.50 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	17,664.50 \$sK	766.50 \$sK		18,431.00 \$sK		
		xxx76 TOTALS:			28,937.50 \$sK	18,431.00 \$sK		
IV.1.C	xxx78	Real Property Maintenance S			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-93	Appropriation	Direct	Reimbursable				
		3400	8,912.70 \$sK	23.90 \$sK			8,936.60 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	2,427.20 \$sK	0.00 \$sK				2,427.20 \$sK
		xxx78 TOTALS:					8,936.60 \$sK	2,427.20 \$sK
IV.1.D	xxx90	Audio Visual			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	76.50 \$sK	0.00 \$sK	76.50 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	125.80 \$sK	0.00 \$sK		125.80 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	208.70 \$sK	0.00 \$sK			208.70 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	159.50 \$sK	0.00 \$sK				159.50 \$sK
		xxx90 TOTALS:			76.50 \$sK	125.80 \$sK	208.70 \$sK	159.50 \$sK

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IV.1.E	xxx95	Communications			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
		Appropriation	Direct	Reimbursable				
	FY-91	3400	4,687.70 \$sK	3.80 \$sK	4,691.50 \$sK			
	FY-92	3400	4,080.70 \$sK	13.30 \$sK		4,094.00 \$sK		
	FY-93	3400	4,484.50 \$sK	13.80 \$sK			4,498.30 \$sK	
	FY-94	3400	4,454.70 \$sK	0.60 \$sK				4,455.30 \$sK
		xxx95 TOTALS:			4,691.50 \$sK	4,094.00 \$sK	4,498.30 \$sK	4,455.30 \$sK
IV.1.F	xxx96	Base Operating Support			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
		Appropriation	Direct	Reimbursable				
	FY-91	3400	11,555.90 \$sK	30.80 \$sK	11,586.70 \$sK			
	FY-92	3400	14,024.20 \$sK	13.60 \$sK		14,037.80 \$sK		
	FY-93	3400	23,955.70 \$sK	558.80 \$sK			24,514.50 \$sK	
	FY-94	3400	28,946.90 \$sK	87.70 \$sK				29,034.60 \$sK
		xxx96 TOTALS:			11,586.70 \$sK	14,037.80 \$sK	24,514.50 \$sK	29,034.60 \$sK
IV.1.G	MFH	Military Family Housing			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
		Appropriation	Direct	Reimbursable				
	FY-91	7040	2,147.30 \$sK	43.60 \$sK	2,190.90 \$sK			
	FY-92	7040	2,466.80 \$sK	3.20 \$sK		2,470.00 \$sK		
	FY-93	7040	2,560.60 \$sK	0.00 \$sK			2,560.60 \$sK	
	FY-94	7040	1,522.50 \$sK	0.00 \$sK				1,522.50 \$sK
		MFH TOTALS:			2,190.90 \$sK	2,470.00 \$sK	2,560.60 \$sK	1,522.50 \$sK

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Section IV/V Level Playingfield COBRA Data

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Section VI Economic Impact**Economic Area Statistics:****Colorado Springs, CO MSA****Total population: 421,000 (FY 92)****Total employment: 246,218 (FY 93)****Unemployment Rates (FY93/3 Year Average/10 Year Average)****5.9% / 6.0% / 6.5%****Average annual job growth: 3,324****Average annual per capita income: \$18,300****Average annual increase in per capita income: \$4.2%****Projected economic impact:**

Direct Job Loss:	6,939	
Indirect Job Loss:	<u>3,263</u>	
Closure Impact:	10,202	(4.1% of employment total)
Other BRAC Losses:	<u>(1,555)</u>	
Cumulative Impact:	8,647	(3.5% of employment total)

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Section VII

1. Community Infrastructure

Describe the off-base housing situation.

- VII.1.A.1 Off-base housing is NOT affordable
- VII.1.A.2 Units are available for families
- VII.1.A.2 Units are available for single members.
- VII.1.A.3 12.1 Percent of off-base housing was rated as unsuitable in the latest VHA survey
- VII.1.A.4 Median monthly cost of off-base housing based on latest VHA survey: \$687

Describe the transportation systems.

- VII.1.B.1 The base is served by **REGULARLY SCHEDULED**, public transportation. The following services are available:
Colorado Springs Transit
- VII.1.B.2 Distance to the nearest municipal airport with scheduled, commercial air traffic: 4 miles
- VII.1.B.2 Airport name: Colorado Springs Airport
- VII.1.B.3 Number of commercial air carriers available at the airport: 8
- VII.1.B.4 Average round trip commuting time to work: 43 minutes

Off-base public recreation facilities:

List ONLY THE NEAREST facility for each subcategory.

Facility Subcategory Type	Name of Nearest Facility	Distance to:	Drive Time		
			Hrs.	Min.	Min.
VII.1.C.1 Swimming pool	Memorial Park	6		15	Min.
VII.1.C.2 Movie theater	Mann 6 Citadel Theatres, Citadel Mall	4		15	Min.
VII.1.C.3 Public golf course	Valley-Hi	4		10	Min.
VII.1.C.4 Bowling lane	Brunswick Circle Lanes	5		20	Min.
VII.1.C.5 Boating	Prospect Lake	5		24	Min.
VII.1.C.6 Fishing	Prospect Lake	5		24	Min.
VII.1.C.7 Zoo	Cheyenne Mountain Zoo	10		20	Min.
VII.1.C.8 Aquarium	Sea World	1165	28	00	Min.
VII.1.C.9 Family theme park	Elitch Gardens	70	1	30	Min.
VII.1.C.10 Professional sports	Sky Sox Stadium	5		15	Min.
VII.1.C.11 Collegiate sports	US Air Force Academy	20		30	Min.

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VII.1.C.12	Camping facilities	National Forest Campground	36	1 Hrs.		Min.
VII.1.C.13	Beaches (lake or ocean)	Prospect Lake	18	Hrs.	24	Min.
VII.1.C.14	Outdoor winter sports	Loveland Ski Resort	120	2 Hrs.	15	Min.

VII.1.D Nearest Shopping facility (two major anchor stores plus smaller retail outlets):

Citadel Mall 10 min (3 Miles)

VII.1.E Nearest Metropolitan center (population in excess of 100,000):

Colorado Springs 20 min (3 Miles)

Local area crime rate:

VII.1.F.1 Violent crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Violent crime is defined as the sum of homicide, rape, robbery, felony assault, and simple assault.) 446

VII.1.F.2 Property crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Property crime is defined as the sum of auto theft, burglary, theft, and arson.) 5192

2. Education

VII.2.A The highest maximum allowed pupil to teacher classroom ratio, based on grades K - 12 and using local area ratios: 24 to 1

VII.2.B Local high schools offer a four-year English program.

VII.2.B Local high schools offer a four-year Math program.

VII.2.B Local high schools offer four-year Foreign Language programs.

VII.2.C Local high schools offer an Honors program.

VII.2.D 85.0 percent of high school students go on to either a two- or four-year college

VII.2.E There are opportunities for off-base education within 25 miles of the base.

VII.2.E.1 Opportunities for off-base VOCATIONAL/TECHNICAL TRAINING provided by the following institutions:

Blair Business College, Pikes Peak Comm College

VII.2.E.2 Opportunities for off-base UNDERGRADUATE COLLEGE provided by the following institutions:

Chapman University, Colorado Christian University

VII.2.E.3 Opportunities for off-base GRADUATE COLLEGE provided by the following institutions:

Chapman University, Colorado College

3. Spousal Employment

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- VII.3.A** 60.7 percent of spouses are able to find employment (within 3 months) in the local community.
- VII.3.B** 60.3 percent of spouses find employment commensurate with job skills, work experience, and education.
- VII.3.C** 5.9 percent unemployment in the local area (Department of Labor Statistics)
- VII.3.D** 7.0 percentage rate of job growth in the local area (Department of Labor Stastics)

4. Local Medical Care

- VII.4.A** Current ratio of active, non-federal physicians in the community: 2.0 physicians/1000 people
- VII.4.B** Current ratio of hospital beds in the community: 3.0 beds/1000 people

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Section VIII

1. Air Quality - Clean Air Act

- VIII.1.A** Air Quality Management District for the base: Front Range
- VIII.1.B** The base is located within a maintenance or non-attainment area for specific pollutants.
- VIII.1.B.1** No pollutants in maintenance
- VIII.1.B.2** Non-attainment area regulated pollutant(s) and severity:
- | | |
|-----------------|----------|
| Carbon Monoxide | Moderate |
|-----------------|----------|
- VIII.1.C** There are critical air quality regions within 100 kilometers of the base
(Critical air quality regions are non-attainment areas, national parks, etc.)
- VIII.1.D** On- or off-base activities have NOT been restricted or delayed due to air quality considerations.
(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)
- VIII.1.D.1** The base has been required to impliment emissions reduction through special actions
(i.e. carpooling or emissions credit transfer)
- VIII.1.D.2** The following actions have been implemented:
Vehicle Inspections, Carbon Monoxide (CO) Standards
- VIII.1.E** Restrictions placed on operations by state or local air quality regulatory agencies:
- VIII.E.1** Aerospace Ground Equipment (AGE):
- E.1.a** The state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.
- E.1.b** No state or local air quality regulatory agency Requires permits for such units.
- E.1.c** No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.
- E.1.d** No state or local air quality regulatory agency Requires retrofit controls for AGE.
- VIII.E.2** Infrastructure Maintenance / Public Works
- E.2.a** No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).
- E.2.b** No state or local air quality regulatory agency Limits the hours of these activities.
- E.2.c** No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.
- E.2.d** No state or local air quality regulatory agency Requires emission offsets for these activities.

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VIII.E.3 Open Burn/Open Detonation

- E.3.a The state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b The state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a The state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a The state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b No state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergency generators.
- E.6.d No state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a The state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

VIII.2.A The base potable water supply is Local Community and the source is:

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Aquifer

VIII.2.B There are no constraints to the base water supply.

VIII.2.C The base potable water supply does not constrain operations

(Contaminants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is Not known to be contaminated.

VIII.3.B The base is Not actively involved in groundwater remediation activities.

VIII.3.C No water wells exist on the base.

VIII.3.D No wells have been abandoned.

4. Water - Surface Water

VIII.4.A The following perennial bodies of water are located on base.

VIII.4.A.1	Location	Surface area size
	PAFB Golf Course	5.00 Acres

VIII.4.A.2 These bodies receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is located within a specified drainage basin.

VIII.4.B Special permits are Not required

(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

VIII.4.C There is No known contamination to the base or local community surface water

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5. Wastewater

VIII.5.A Base wastewater is treated by Local Community facilities.

VIII.5.C There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

VIII.6.A There any No National Pollutant Elimination System permits in effect.

VIII.6.B The base currently discharges treated wastewater OFF-Base. Description of treated wastewater discharge location:
Colorado Springs

VIII.6.C The base has No discharge impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 90.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 80.0 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 0 facilities are considered regulated areas or have restricted use due to friable asbestos.

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8. Biological - Habitat

- VIII.8.A** There are No ecological or wildlife management areas ON the base. There are No ecological or wildlife management areas ADJACENT TO the base.
- VIII.8.A.1** Natural areas on or adjacent to the base are not recognized as important ecological sites.
- VIII.8.B** No critical/sensitive habitats have been identified on base .
- VIII.8.C** The base has a cooperative agreement for conducting a hunting and fishing program.
Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.

9. Biological - Threatened and Endangered Species

- VIII.9.A** There are No Threatened or endangered species identified on the base.
- VIII.9.B** There are No Special Concern species identified on the base.

10. Biological - Wetlands

- VIII.10.A** Wetlands, estuaries, or other special aquatic features present on the base:
- VIII.10.A.1** Identification and type of wetland: Approximate acreage:
- | | |
|-------------|---|
| three ponds | 5 |
|-------------|---|
- VIII.10.A.2** The base is involved in jointly-managed programs for protection of these resources.
- VIII.10.B** The base has been surveyed for wetlands in accordance with established federally approved guidelines.
- VIII.10.B.1** Survey was completed in Dec 91
- VIII.10.B.2** 100 percent of the base was included in the survey.
- VIII.10.B.3** Method used to survey the base (e.g., Corps of Engineers Delineation Manual, U.S. Fish and Wildlife Service National Wetlands Inventory):
U.S. Wildlife Service National Wetlands
- VIII.10.C** Part of the base is located in a 100-year floodplain.

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VIII.10.D The presence of these resources does Not constrain current or future construction activities or operations.

11. Biological - Floodplains

VIII.11.A Floodplains are present on the base.

VIII.11.A.1 Floodplains do Not constrain construction (siting) activities or operations.

VIII.11.A.2 Periodic flooding does Not constrain base operations.

12. Cultural

VIII.12.A Historic, prehistoric, archaeological sites or other cultural resources located on the base:

VIII.12.A.1 Sites:

Significant status:

PAFB Historic District	Not listed on National Register.
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VIII.12.B 1 percent of the buildings on base are over 50 years old.

VIII.12.C No Historic Landmark/Districts, or NRHP properties are located on base.

VIII.12.C.1 Some properties have been determined to be or may be eligible for the NRHP.

VIII.12.C.2 Buildings and structures have not been surveyed for Cold War or other historical significance.

VIII.12.D The base has been archeologically surveyed.

VIII.12.D.1 100 percent of the base has been surveyed.

VIII.12.D.2 No archeological sites have been found.

VIII.12.D.3 No archeological collections are housed on base.

VIII.12.D.4 No Native Americans or others use/identified sacred areas or burial sites on or near base.

VIII.12.E The base has no agreements with historic preservation agencies.

Agreements include Programmatic Agreements and Memorandum of Agreements.

Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 8 IRP sites have been identified

VIII.13.A.2 No IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 1989

VIII.13.B The installation is Not a National Priority List (NPL) site nor proposed as an NPL site.

VIII.13.C There are no existing Federal Agency Agreements to clean up the base.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There are no known uncontrolled or unregulated occurrences of specific contaminate types or sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E No sites or SWMUs are currently being investigated and remediated pursuant to the RCRA.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.F The IRP does Not currently restrict construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
Hazardous Waste Disposal/Remediation	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
IRP	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
Natural Resources	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
Permits	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K

15. Other Issues

VIII.15.A There are no additional activities which may constrain or enhance base operations.

16. Air Quality - Clean Air Act

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VIII.16.A Air Quality Control Area (AQCA) geographic region in which the base is located:
Region VIII Colorado

VIII.16.B Air quality regulatory agency responsible for the AQCA: El Paso County Department of Health and Environment

VIII.16.B Name and phone number of the AQCA program manager for issues pertaining to the base:

Mr John James

719-578-3139

The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:

VIII.16.C.1 In Attainment for Ozone

VIII.16.C.2 In Non-Attainment for Carbon Monoxide

VIII.16.C.3 In Attainment for Particulate matter (PM-10)

VIII.16.C.4 In Attainment for Sulfur Dioxide

VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx)

VIII.16.C.6 In Attainment for Lead

VIII.16.C.7 The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT

VIII.16.D.1 Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located: 0.00 ppm

VIII.16.D.2 Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located: 0.0 ppm

VIII.16.D.3 Ozone Design value is 0.0% of NAAQS

VIII.16.D.4 Carbon monoxide Design value is 0.0% of NAAQS

VIII.16.E.2 Region VIII Colorado

VIII.16.E.3 Multi-state ozone transport region for the base:

VIII.16.E.4

VIII.16.E.5

VIII.16.E.5.

VIII.16.H The EPA-designated severity of nonattainment for Carbon monoxide is MODERATE

VIII.16.I The AQCA's Carbon monoxide plan contains No quantitative measures for military aircraft.

Measures include quantitative limits, projections, restrictions, or emissions budgets.

VIII.16.J The AQCA does not have VMT forecasts or they can not be obtained.

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Section IX

Document Separator

1995 AIR FORCE BASE QUESTIONNAIRE

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Section I

1. Force Structure

I.1.A List of all on base NAF and non-Air Force activities:

Unit or Activity:	Personnel Authorizations for FY93/4			
	Officer	Enlisted	Civilian	Total
I.1.A.1 Barber shop	-	-	2	2
I.1.A.2 Base Cleaners	-	-	2	2
I.1.A.3 DECA	-	-	7	7
I.1.A.4 DFAS	-	-	23	23
I.1.A.5 Dependent School	-	-	44	44
I.1.A.6 FAA	-	-	1	1
I.1.A.7 First Citizens Bank and Trust Co.	-	-	7	7
I.1.A.8 Military Clothing Sales	-	-	5	5
I.1.A.9 Pentagon Fed Credit Union	-	-	8	8
I.1.A.10 SATO	-	-	1	1
I.1.A.11 Service Station	-	-	8	8
I.1.A.12 Shoppette	-	-	12	12
I.1.A.13 US Post Office	-	-	2	2
TOTAL:				122

I.1.B No Remote/Geographically Separated Units receive more than 50% of Base Operational Support from the base.

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2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

I.2.A.1 None of the base ATCALs are officially part of the NAS.

I.2.A.2 Details for specific ATC facilities:

	(A.2) ATC Summary:		(A.3) Detailed traffic counts:				
	Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	ILS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
Tower	3	80249	0	0	N/A	N/A	N/A

I.2.A.4 The primary instrument runway is designated 23

76237 operations were conducted this runway during calendar year 1993

I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:

No known or projected airspace problems that prevent mission accomplishment. Local airspace constraints occasionally restrict operations, but effective workarounds are in place.

I.2.A.6 The base experiences ATC delays.

I.2.A.6.a Details regarding ATC delays:

Average number of delays per month (over the last 2 years): 2

The total number of sorties per month: 14738

The average length of the delays: 0:05

I.2.A.6.b There is a common rationale for the delays:

Obtaining releases from Fayetteville Approach Control due to traffic saturation

B. Geographic Location

I.2.B.1 Nearest major primary airlift customer: FORT BRAGG distance 2 NM
 Nearest major primary airdrop customer: FORT BRAGG distance 2 NM

I.2.B.2 Distance to forward deployment Air Bases:

Lajes AB: 2497 NM

Rota AB: 3532 NM

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Hickam AFB: 4223 NM
 RAF Mildenhall: 3539 NM

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway \geq 3,000ft	SIMMONS AAF	5
I.2.B.4	Military airfield, runway \geq 8,000ft	SEYMOUR JOHNSON AFB	53
I.2.B.5	Military airfield, runway \geq 10,000ft	SEYMOUR JOHNSON AFB	53
I.2.B.6	Military or civilian airfield, runway \geq 3,000ft	Simmons AAF	5
I.2.B.7	Military or civilian airfield, runway \geq 8,000ft	Raleigh Durham Int'l	43
I.2.B.8	Military or civilian airfield, runway \geq 10,000ft	Raleigh Durham Int'l	43
I.2.B.9	Civilian airfield, runway \geq 8,000ft for capable of conducting short term operations	Raleigh Durham Int'l	43
I.2.B.10	Civilian airfield, runway \geq 10,000ft for capable of conducting short term operations	Raleigh Durham Int'l	43
I.2.B.11	Other runways on base can be used for emergency landings.		

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52 NM

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 Supersonic Air Combat Training (ACBT) MOAs and warning/restricted areas, with a minimum size of 4,200 sq NM, within 300 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-122 D	130 NM	W-122 E	130 NM	W-161A,B/W-177A,B	136 NM
W-122 A,B,C,F,G,H,I,J	167 NM	W-122 A,B,C,D,E,F,G,H,I	169 NM	W-132 A,B	177 NM
W-132A,B/W-134/W-157A	213 NM	W-157A	235 NM	W-72 A,B	250 NM
W-72B	267 NM	W-386 A,B,C,D,E	270 NM	W-108 A,B	291 NM
W-108 A,B	291 NM				

I.2.C.2 MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft, within 200 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-177A	116 NM	W-122 D	130 NM	W-122 E	130 NM
W-161A,B/W-177A,B	136 NM	W-122I	139 NM	W-122F	162 NM
W-122 A,B,C,F,G,H,I,J	167 NM	W-122 A,B,C,D,E,F,G,H,I	169 NM	W-132 A,B	177 NM
W-122J	186 NM	W-122G	198 NM		

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600

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NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-177A	116 NM	W-122 D	130 NM	W-122 E	130 NM
W-161A,B/W-177A,B	136 NM	W-122I	139 NM	W-122F	162 NM
W-122 A,B,C,F,G,H,I,J	167 NM	W-122 A,B,C,D,E,F,G,H,I,	169 NM	W-132 A,B	177 NM
W-122J	186 NM	W-122G	198 NM	W-72A	208 NM
W-132A,B/W-134/W-157A	213 NM	W-122C	216 NM	W-157B	231 NM
W-157A	235 NM	W-72 A,B	250 NM	W-157C	267 NM
W-72B	267 NM	W-386 A,B,C,D,E	270 NM	W-387 A,B	288 NM
W-387A	288 NM	W-108 A,B	291 NM	W-108 A,B	291 NM
W-386B	299 NM	W-158A	328 NM	W-158B	328 NM
W-107A	357 NM	W-107 A,D,E,F	365 NM	W-107 A,D,E,F,	365 NM
W-497A	404 NM	W-497B	413 NM	W-497 A,B	418 NM
W-470 A,B,C,D,E	458 NM	W-151B	473 NM	W-151A	488 NM
W-151 A,B,C,D	492 NM	W-105A	495 NM	W-105 A,B,D,E,G	502 NM
W-155 A,B,D,E,G	502 NM	W-151D	507 NM	W-105E	522 NM
W-155 A,B	545 NM	W-168 A,B,C	556 NM	W-155B	557 NM
W-168A	560 NM				

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
POINSETT	109 NM	CHERRY POINT BT-11	126 NM	USAF DARE COUNTY	156 NM
NAVY DARE COUNTY	158 NM	TOWNSEND	255 NM	GRAND BAY	326 NM
INDIANTOWN GAP	335 NM	WARREN GROVE	350 NM	JEFFERSON PROVING G	383 NM
PINECASTLE	387 NM	ATTERBURY	417 NM	EGLIN C62	453 NM
EGLIN C52	461 NM	AVON PARK BRAVO/FO	463 NM	AVON PARK CHARLIE/E	468 NM
SHELBY EAST	555 NM	SHELBY WEST	561 NM	FT DRUM	568 NM
GRAYLING	635 NM	CANNON	654 NM	CLAIBORNE	734 NM
RAZORBACK	739 NM	HARDWOOD	745 NM		

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

POINSETT	109 NM
----------	--------

I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

OCEANA TACTS	193 NM
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I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

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FT BRAGG	10 NM
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I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	4	12	22	43	71	92
SR	0	1	2	54	79	105
VR	11	19	31	73	113	138
Total Routes:	15	32	55	170	263	335

Identify Routes:

IR-022 28 NM	VR-085 45 NM	VR-086 45 NM	VR-1060 50 NM	IR-082 57 NM	IR-012 61 NM
VR-087 66 NM	IR-035 83 NM	VR-1040 83 NM	VR-1069 83 NM	VR-096 88 NM	VR-073 93 NM
VR-1046 94 NM	VR-1074 95 NM	VR-1043 97 NM			
VR-1061 110 NM	VR-093 116 NM	VR-088 119 NM	VR-1013 119 NM	IR-062 122 NM	VR-1721 124 NM
VR-1752 132 NM	IR-715 137 NM	IR-718 137 NM	IR-036 139 NM	IR-721 140 NM	VR-1756 140 NM
IR-762 140 NM	IR-081 142 NM	IR-074 143 NM	SR-166 150 NM	VR-1059 150 NM	
IR-726 152 NM	IR-761 152 NM	VR-1726 152 NM	VR-1751 152 NM	IR-719 153 NM	IR-743 156 NM
VR-1743 156 NM	VR-1058 157 NM	VR-095 159 NM	IR-720 162 NM	IR-090 164 NM	SR-867 166 NM
VR-1722 169 NM	VR-1057 177 NM	VR-097 178 NM	VR-1041 181 NM	VR-1759 184 NM	IR-079 188 NM
IR-080 188 NM	IR-714 196 NM	IR-760 196 NM	VR-058 196 NM	VR-1754 196 NM	
VR-1753 202 NM	VR-1755 202 NM	VR-1049 203 NM	IR-018 210 NM	IR-083 214 NM	SR-871 215 NM
SR-873 215 NM	SR-874 215 NM	SR-872 215 NM	IR-023 220 NM	SR-820 221 NM	SR-835 221 NM
SR-821 221 NM	SR-105 223 NM	VR-1003 224 NM	IR-042 237 NM	VR-1011 237 NM	VR-1068 237 NM
SR-102 241 NM	IR-075 242 NM	VR-1758 242 NM	VR-1711 249 NM	VR-1713 249 NM	VR-1712 249 NM
VR-1709 250 NM	VR-1055 261 NM	IR-723 262 NM	SR-802 266 NM	SR-803 266 NM	SR-806 266 NM
SR-808 266 NM	SR-807 266 NM	SR-804 266 NM	VR-1001 267 NM	IR-002 280 NM	VR-1004 287 NM
SR-035 289 NM	SR-040 289 NM	SR-037 289 NM	SR-036 289 NM	VR-708 289 NM	IR-608 290 NM
IR-716 292 NM	VR-094 296 NM	VR-1002 298 NM	IR-016 303 NM	VR-1052 303 NM	VR-704 304 NM
VR-705 304 NM	VR-1757 306 NM	SR-844 310 NM	SR-845 310 NM	SR-846 310 NM	SR-800 314 NM
SR-801 314 NM	SR-805 314 NM	VR-1066 318 NM	VR-1631 319 NM	IR-089 320 NM	IR-033 321 NM
VR-1632 324 NM	VR-1633 324 NM	VR-1009 326 NM	SR-815 327 NM	SR-816 327 NM	SR-822 327 NM
VR-092 331 NM	VR-1007 331 NM	VR-1006 331 NM	SR-738 333 NM	SR-732 334 NM	SR-735 334 NM
SR-734 334 NM	SR-733 335 NM	SR-737 335 NM	VR-1008 340 NM	IR-019 344 NM	SR-817 345 NM
SR-038 348 NM	SR-818 352 NM	SR-847 353 NM	SR-039 358 NM	VR-1010 359 NM	VR-1065 360 NM
SR-707 363 NM	SR-708 363 NM	SR-711 363 NM	SR-714 363 NM	SR-713 363 NM	SR-710 363 NM
VR-1005 370 NM	IR-015 374 NM	IR-017 375 NM	VR-1017 375 NM	IR-069 375 NM	IR-077 378 NM
VR-1039 379 NM	SR-709 381 NM	SR-712 381 NM	VR-1056 381 NM	SR-715 381 NM	VR-1668 383 NM

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SR-069	391 NM	SR-070	391 NM	VR-707	391 NM	SR-072	391 NM	SR-071	391 NM	IR-041	393 NM
VR-1054	393 NM	VR-1067	393 NM	IR-063	393 NM	IR-066	396 NM	IR-067	396 NM	VR-1051	396 NM
VR-1050	396 NM										
VR-1070	406 NM	VR-1667	416 NM	IR-032	424 NM	SR-823	424 NM	SR-059	432 NM	SR-060	432 NM
SR-062	432 NM	SR-061	432 NM	VR-1617	434 NM	VR-1638	434 NM	SR-225	435 NM	VR-060	442 NM
VR-1082	456 NM	VR-1085	456 NM	VR-1084	456 NM	IR-618	459 NM	VR-619	459 NM	VR-1014	462 NM
VR-1097	462 NM	IR-047	464 NM	IR-057	465 NM	SR-106	465 NM	SR-104	465 NM	IR-059	465 NM
SR-103	465 NM	SR-101	465 NM	VR-1641	466 NM	VR-1642	466 NM	IR-030	467 NM	IR-031	467 NM
IR-048	468 NM	VR-1640	471 NM	IR-078	472 NM	IR-046	476 NM	VR-1679	479 NM	IR-055	481 NM
IR-021	483 NM	VR-1030	483 NM	IR-020	484 NM	VR-1016	486 NM	IR-049	491 NM	IR-050	491 NM
VR-1098	491 NM	VR-1031	491 NM	SR-825	491 NM	IR-051	491 NM	SR-701	498 NM	SR-703	498 NM
IR-157	499 NM	IR-174	499 NM	IR-091	500 NM	SR-137	501 NM	SR-702	502 NM	SR-901	512 NM
VR-1033	512 NM	VR-1624	514 NM	VR-1625	514 NM	VR-1089	515 NM	VR-1020	516 NM	SR-075	525 NM
IR-044	527 NM	SR-904	532 NM	SR-900	535 NM	IR-037	539 NM	VR-724	543 NM	VR-725	543 NM
IR-038	546 NM	VR-1083	548 NM	VR-615	548 NM	SR-905	549 NM	IR-040	550 NM	VR-1024	550 NM
VR-1023	550 NM	VR-1021	550 NM	SR-031	551 NM	SR-029	556 NM	VR-1087	556 NM	VR-1088	556 NM
SR-073	560 NM	SR-074	560 NM	IR-068	567 NM	VR-1635	567 NM	IR-614	567 NM	SR-238	569 NM
VR-1022	570 NM	IR-592	572 NM	VR-1072	586 NM	VR-664	586 NM	VR-1801	586 NM	VR-1626	590 NM
IR-070	594 NM	VR-1032	595 NM	IR-053	599 NM						
VR-179	604 NM	SR-902	606 NM	VR-1627	607 NM	VR-1628	607 NM	SR-030	610 NM	IR-034	613 NM
IR-056	613 NM	SR-774	617 NM	SR-782	623 NM	IR-801	627 NM	SR-781	630 NM	VR-1645	631 NM
VR-634	634 NM	VR-1644	635 NM	VR-1647	635 NM	VR-1800	643 NM	SR-773	652 NM	VR-842	652 NM
VR-841	652 NM	VR-840	652 NM	SR-218	653 NM	SR-222	653 NM	SR-227	653 NM	SR-230	653 NM
SR-232	653 NM	SR-237	653 NM	SR-231	653 NM	SR-229	653 NM	SR-221	653 NM	SR-220	653 NM
SR-219	653 NM	SR-226	653 NM	SR-771	666 NM	IR-610	672 NM	IR-843	673 NM	IR-843A	673 NM
IR-120	685 NM	VR-1102	685 NM	VR-1636	692 NM	SR-239	699 NM	VR-1196	701 NM	IR-121	702 NM
VR-1103	702 NM	IR-527	707 NM	IR-160	710 NM	IR-161	710 NM	IR-609	718 NM	VR-1639	720 NM
SR-785	738 NM	VR-1182	741 NM	SR-223	746 NM	SR-224	746 NM	IR-800	753 NM	IR-800A	753 NM
SR-776	753 NM	IR-804	753 NM	VR-1546	754 NM	VR-1525	757 NM	IR-850	760 NM	IR-852	760 NM
IR-851	760 NM	IR-502	763 NM	IR-504	763 NM	VR-1130	773 NM	IR-164	778 NM	VR-1104	778 NM
VR-1650	785 NM	SR-616	790 NM	SR-617	790 NM	VR-1648	796 NM	VR-189	796 NM	VR-106	799 NM

I.2.C.9 IR-430 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 1110 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

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200 NM	300 NM	500 NM
7	15	31

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance
AR-207SW SOUTHW	33 NM	AR-600	76 NM	AR-601	139 NM	Racoon MOA	148 NM
AR-207NE NORTHEA	150 NM	AR-202S SOUTH	160 NM	AR-328	167 NM		
AR-216 SOUTHWEST	222 NM	AR-633A	227 NM	AR-202AN ALTERNA	229 NM	AR-455 WEST	240 NM
AR-315 WEST	271 NM	AR-203 SOUTHWEST	277 NM	AR-633B	280 NM	AR-636	293 NM
AR-216 NORTHEAST	307 NM	AR-612	326 NM	AR-218L	328 NM	AR-202N NORTH	330 NM
AR-455 EAST	333 NM	AR-627	334 NM	AR-218H	337 NM	AR-315 EAST	373 NM
AR-200	376 NM	AR-217	394 NM	AR-203 NORTHEAST	420 NM	AR-111 WEST	471 NM
AR-206H	474 NM	AR-206L	474 NM	AR-620	491 NM	AR-777	497 NM

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
3220	5310

Track	Distance	Events	Track	Distance	Events	Track	Distance	Events	Track	Distance	Events
Racoon	148 NM	1829	AR-216	222 NM	64	AR-455	240 NM	372	AR-203	277 NM	223
AR-218	328 NM	359	AR-111	471 NM	303	AR-206H	474 NM	50	AR-206L	474 NM	20
AR-101	584 NM	217	AR-110	598 NM	596	AR-016	602 NM	157	AR-302	619 NM	445

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 148NM from the base."

I.2.C.10d Percentage of tanker demand in region: 27.0

Percentage of tankers based in region: 9.0

Tanker saturation within the region has been classified as tanker Poor

I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
AEGIS	291 NM	✓	✓	✓	0	1
ANDREWS	241 NM		✓		0	1
BLACKSTONE	125 NM	✓	✓	✓	0	1
CANAL	128 NM	✓	✓	✓	0	0
CARENTAN (A)	292 NM		✓	✓	0	1
CASWELL BEACH (WATER)	92 NM	✓	✓		0	0

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CHERRY	107 NM	✓	✓	✓	0	0
CORINTH	6 NM	✓			0	0
COTENTIN	8 NM	✓	✓	✓	0	0
DARLINGTON	61 NM	✓	✓	✓	0	0
DAVIS #1	82 NM	✓		✓	0	0
DAVIS #2	82 NM	✓	✓	✓	0	0
DAVIS (CIR)	82 NM				0	0
DEEP CREEK	7 NM		✓		0	0
DOVE - FT PICKETT	127 NM	✓	✓	✓	0	1
EAST FORK	125 NM	✓	✓		0	0
FARNEL BAY WATR	87 NM				0	0
FERRUZZI	127 NM	✓			0	0
FLYING DUTCHMAN	14 NM	✓			0	0
FORSYTHE	69 NM	✓	✓	✓	0	0
FRAMHART	188 NM	✓	✓	✓	0	0
FRYAR	344 NM	✓	✓	✓	4	6
GALLAHAD #1	226 NM				0	1
GELA	6 NM	✓	✓	✓	0	0
HARD	6 NM	✓			0	0
HAT TRICK	24 NM	✓			0	1
HOLLAND	14 NM	✓	✓	✓	0	0
HUNTER	217 NM		✓		0	0
LAURNBERG MAXTN	29 NM	✓	✓	✓	0	0
LUZON	24 NM	✓	✓	✓	0	1
LUZON REVERSE	24 NM	✓			0	1
MCKENNA	334 NM	✓	✓	✓	4	6
MCLEAN	335 NM	✓		✓	0	0
MYITKYINA TREE	4 NM	✓	✓		0	0
NELSON - BEAUFORT	128 NM	✓	✓	✓	0	0
NETHERLANDS	14 NM	✓	✓	✓	0	0
NETHERLANDS ORI	14 NM	✓	✓	✓	0	0
NEUSE RIVER (WATER)	112 NM	✓	✓		1	1
NIJMEGEN	16 NM	✓	✓	✓	0	0
NORMANDY	8 NM	✓	✓	✓	0	0
NORTHFIELD E-W	139 NM	✓	✓	✓	2	1
NORTHFIELD S-N	139 NM	✓	✓	✓	0	0

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OLIVE	83 NM	✓	✓	✓	0	0
OPEN GROUNDS	126 NM	✓	✓		0	0
PRESTON	193 NM		✓	✓	0	0
QUICK	252 NM	✓			0	0
REMAGEN	231 NM	✓	✓	✓	1	1
REMAGEN REVERSE	231 NM	✓	✓		1	1
SALERNO	10 NM	✓	✓	✓	0	0
SEAL WATER	181 NM	✓	✓		0	0
SICILY	6 NM	✓	✓	✓	0	0
SICILY DEMO	6 NM	✓	✓	✓	0	0
STONE BAY WATER	86 NM				0	0
SWAN CREEK	291 NM	✓	✓	✓	0	0
TAYLORS CREEK	236 NM	✓	✓	✓	1	1
THUNDERBOLT	217 NM	✓	✓		0	0
VOLTURNO	10 NM	✓	✓	✓	0	0
WEST FORK	124 NM	✓	✓		0	0
ZIPGUN-WATER	181 NM	✓	✓		0	0

I.2.C.11.a

Drop Zone

Servicing Instrument and Slow Routes (IRs and SRs)

AEGIS	SR-800								
ANDREWS	SR-820								
BLACKSTONE	SR-867								
CARENTAN (A)	SR-225								
DOVE - FT PICKETT	SR-867								
FRYAR	IR-077	IR-078	IR-089	IR-090	SR-038	SR-039	SR-069	SR-070	SR-071
	SR-072								
GALLAHAD #1	SR-038								
HAT TRICK	SR-105								
LUZON	SR-105								
LUZON REVERSE	SR-105								
MCKENNA	IR-077	IR-078	IR-089	IR-090	SR-038	SR-039	SR-069	SR-070	SR-071
	SR-072								
NEUSE RIVER (WATER)	IR-062	SR-105							
NORTHFIELD E-W	IR-035	IR-036	SR-166						
REMAGEN	IR-023	SR-038							
REMAGEN REVERSE	IR-023	SR-038							
TAYLORS CREEK	IR-023	SR-038							

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I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

SICILY 6 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
MYITKYINA TREE	4 NM	✓	✓		0	0
SICILY DEMO	6 NM	✓	✓	✓	0	0

I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM>

FORT BRAGG 2 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 The base Does not control or manage any ranges, questions I.2.D.2 to I.2.D.17 skipped.

Ranges (Used by the base)

I.2.D.18 The base uses ranges on a regular basis

I.2.D.19 The mission or training is adversely impacted by training area airspace encroachment or other conflicts.
The mission/training is Not impacted by training area airspace encroachment.

The mission/training is impacted by training area airspace noise abatement procedures as follows:

Must avoid noise sensitive areas

The mission/training is not impacted by training area traffic procedures.

Nature and extent of the conflicts: Gamecock Charlie and India have a significant amount of noise sensitive areas that affect low altitude operations. Training operations other than low level are not impacted.

I.2.D.20 MOAs/bombing ranges/other training areas have No scheduling restrictions/limitations.

I.2.D.21 MOAs/bombing ranges/other training areas are projected to have scheduling restrictions/limitations as follows:

I.2.D.21.a 23d Wing LATN Areas Housing growth and ostrich farming in Southeast U.S. could impact future low altitude flying requirements (noise)

I.2.D.21.a Cherry Point & Dare County Reduced range availability due to proposed force beddowns at Cherry Point MCAS and Seymour Johnson AFB

I.2.D.22 No significant changes/restrictions/limitations effecting the scheduling of low level routes in progress.

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E. Airspace Used by Base**I.2.E.1 Airspaces scheduled or managed by the base:**

23d Wing A-10 LATN Area	Low Alt Tac Nav Area
23d Wing C-130 LATN Area	Low Alt Tac Nav Area

Details for airspace scheduled or managed by the base:**Airspace: 23d Wing A-10 LATN Area****I.2.E.2 An environmental analysis has been conducted for this airspace.****I.2.E.2.a Status of the environmental analysis and supplement:**

Analysis and supplement are current.

I.2.E.2.b There are problems No associated with the environmental analysis.**I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**

The DOPAA was used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.**I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:****I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.****I.2.E.6 There are No restrictions currently acting on this airspace****I.2.E.7 Published availability of the airspace:**

24 HR PER DAY

Range scheduling statistics (yearly average from 1990 to 93).

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- I.2.E.7.a** **Hours scheduled:**
- I.2.E.7.b** **Hours used:**
-
- I.2.E.8** **Utilization of the airspace can Not be increased.**
- I.2.E.9** **It is Not possible to expand either hours or volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 LATN areas cover the southeastern United States from central Virginia to southern Georgia.
- I.2.E.11** **90.00 percent of the airspace is usable.**
Airspace: 23d Wing C-130 LATN Area
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 Environmental analysis and supplement are current
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
-
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
-
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
-
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
-
-
- I.2.E.6** **There are No restrictions currently acting on this airspace**
-
- I.2.E.7** **Published availability of the airspace:**

1995 AIR FORCE BASE QUESTIONNAIRE

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24 HRS AVAILABLE

Range scheduling statistics (yearly average from 1990 to 93).

- I.2.E.7.a Hours scheduled:
I.2.E.7.b Hours used:

- I.2.E.8 Utilization of the airspace can Not be increased.
I.2.E.9 It is Not possible to expand either hours or volume to increase the airspace utilization.
I.2.E.10 Description of the volume or area of the Airspace:
LATN areas cover the southeastern United States from central Virginia to southern Georgia.
I.2.E.11 90.00 percent of the airspace is usable.

Commercial Aviation Impact

- I.2.E.12 The base is Not joint-use (military/civilian).
I.2.E.13 List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
Adams	Uncontrolled
Allen (196/13 from POB)	Uncontrolled
Allen (317/41.2 from POB)	Uncontrolled
Bagwell	Uncontrolled
Bladenboro	Uncontrolled
Brooks	Uncontrolled
Buchanan	Uncontrolled
Caveness	Uncontrolled
Circle C	Uncontrolled
Clio Crop Care	Uncontrolled
Cox	Uncontrolled
Cox Grantham	Uncontrolled
Craven	Uncontrolled
Davis Unverified	Uncontrolled
Dead Dog	Uncontrolled
Dean Wings Past	Uncontrolled

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Deck	Uncontrolled
Dillon County	Uncontrolled
Dublin	Uncontrolled
Duchy	Uncontrolled
Eagles Landing	Uncontrolled
Eastover	Uncontrolled
Elizabethtown	Uncontrolled
ET	Uncontrolled
Fish	Uncontrolled
Flyers	Uncontrolled
Fuquay-Angier	Uncontrolled
Garland Brinks	Uncontrolled
Grannis Field (Fayetteville)	Commercial
Grays Creek	Uncontrolled
Green Acres	Uncontrolled
Harnet County	Uncontrolled
Hinton	Uncontrolled
Johnsons	Uncontrolled
Johnsons Too	Uncontrolled
Johnston County	Uncontrolled
Lauringburg-Maxton	Uncontrolled
Lumberton	Uncontrolled
MacKall Army Airfield	Military
Marlboro County	Uncontrolled
Massengill	Uncontrolled
McKee	Uncontrolled
Miles	Uncontrolled
Montgomery County	Uncontrolled
Moore County	Uncontrolled
Mount Olive	General Aviation
National	Uncontrolled
Price	Uncontrolled
Raeford	Uncontrolled
Raleigh East	Uncontrolled

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Raleigh Executive	Uncontrolled
Raleigh-Durham	Commercial
Rattlesnake Ridge	Uncontrolled
Sampson County	Uncontrolled
Sanford-Lee County	Uncontrolled
Scottbrook	Uncontrolled
Selma	Uncontrolled
Seven Lakes	Uncontrolled
Siler City	Uncontrolled
Simmons Army Airfield	Military
Southern Comfort	Uncontrolled
Tailwinds	Uncontrolled
Triple W	Uncontrolled
Twin Oaks	Uncontrolled
Viking	Uncontrolled
Williams	Uncontrolled
Womble	Uncontrolled
York	Uncontrolled

I.2.E.14 Civilian/commercial operators or other airspace users constrain or limit operations:

I.2.E.14.a Description of impacts: New commercial traffic from Raleigh, Charlotte, and Greensboro occasionally cause ATC delays.

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F. Potential for Growth in Training Airspace (Area)

- I.2.F.1 Expansion of training airspace is Not possible.
- I.2.F.2 Current access will remain the same.
- I.2.F.3 No reductions in training airspace are expected.
- I.2.F.4 Current special use airspace and training areas do Not meet all training requirements.
- I.2.F.4.a Some of training requirements ONLY be met by deployed, off-station training.
- I.2.F.4.b Degradation experienced: Between local and off-station training areas all training requirements are met.

G. Composite / Integrated Force Training

- I.2.G.1 Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:
FORT BRAGG
2 NM from the base.
- I.2.G.2 DELETED
- I.2.G.3 Nearest Naval unit where joint training can be accomplished:
Cherry Pt MCAS
107 mi from the base.
- I.2.G.4 Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:
Seymour Johnson AFB, NC
55 mi from the base.
- I.2.G.5 DELETED

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

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I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / ½ mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
99.2	98.3	88.0	84.0	79.0

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 98.3 percent of the time

I.2.J.2.b Is at or below 25 knots 99.9 percent of the time

I.2.J.3 6 Days have freezing participation (mean per year).

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Section II

1. Installation Capacity & Condition

A. Land

	Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
II.1.A.1	Pope AFB	Main Base	1,875	1,869	75
II.1.A.2	TMKL	ILS Localizer	23	23	
II.1.A.3	TMKM	MARS Stn	1	1	
II.1.A.4	TMKN	Ammo Storage	10	10	
II.1.A.5	TMKT	Middle Marker	2	2	
II.1.A.6	TMKX	ILS Outer Marker	2	2	
		TOTALS:	1,913	1,907	75

B. Facilities

II.1.B.1 From real property records:

	Facility Category Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	(C) Excess Capacity
II.1.B.1.a.i	121-122	Hydrant Fueling System Pits	EA	165	76	0.0	100.0	0.0	0
II.1.B.1.a.ii	121-122a	Consolidated Aircraft Support System	EA	80	0		0.0	0.0	0
II.1.B.1.b	131	Communications-Buildings	SF	N/A	26,457	22.0	78.0	0.0	N/A
II.1.B.1.c	141	Operations-Buildings	SF	N/A	123,196	12.0	81.0	7.0	N/A
II.1.B.1.c.i	141-232	Aerial Delivery Facility	SF	41,700	38,629	11.0	89.0	0.0	0
II.1.B.1.c.ii	141-753	Squadron Operations	SF	88,010	55,976	4.0	96.0	0.0	0
II.1.B.1.c.iii	141-782	Air Freight Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.iv	141-784	Air Passenger Terminal	SF	4,875	2,688	100.0	0.0	0.0	0
II.1.B.1.c.v	141-785	Fleet Service Terminal	SF	8,000	1,523	0.0	0.0	100.0	0
II.1.B.1.d	171	Training Buildings	SF	N/A	47,650	83.0	11.0	6.0	N/A
II.1.B.1.d.i	171-211	Flight Training	SF	630	0		0.0	0.0	0
II.1.B.1.d.ii	171-211a	Combat Crew Trng Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	171-212	Flight Simulator Training (High Bay)	SF	17,328	17,328	100.0	0.0	0.0	0
II.1.B.1.d.iv	171-212a	Companion Trng Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	171-618	Field Training Facility	SF	0	0		0.0	0.0	0
II.1.B.1.e	211	Maintenance Aircraft	SF	N/A	277,602	19.0	76.0	5.0	N/A
II.1.B.1.e.i	211-111	Maintenance Hanger	SF	189,900	89,315	0.0	100.0	0.0	0

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II.1.B.1.e.ii	211-152	General Purpose Aircraft Maintenance	SF	80,000	42,755	1.0	83.0	16.0	0
II.1.B.1.e.iii	211-152a	DASH 21	SF	8,000	8,000	0.0	0.0	100.0	0
II.1.B.1.e.iv	211-153	Non-Destructive Inspection (NDI) Lab	SF	4,000	4,000	0.0	100.0	0.0	0
II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	40,000	39,690	11.0	80.0	9.0	0
II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	47,050	25,023	4.0	96.0	0.0	0
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	0	0		0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	39,200	0		0.0	0.0	0
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	N/A	0		0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	0	42,669	0.0	100.0	0.0	42,669
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	16,000	24,970	0.0	100.0	0.0	8,970
II.1.B.1.e.xiii	211-183	Test Cell	SF	0	0		0.0	0.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	N/A	0		0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	N/A	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	9,425	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	N/A	0		0.0	0.0	0
II.1.B.1.g.	214	Maintenance-Automotive	SF	N/A	51,417	48.0	48.0	4.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	39,255	34,712	95.0	0.0	5.0	0
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	4,500	2,560	13.0	88.0	0.0	0
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	17,500	0		0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	4,140	640	100.0	0.0	0.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	6,494	100.0	0.0	0.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	23,570	6,494	100.0	0.0	0.0	N/A
II.1.B.1.j.ii	217-712a	LANTIRN	SF	8,750	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	9,950	0		0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	14,300	18,991	38.0	41.0	21.0	4,691
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	10,731	8,281	0.0	100.0	0.0	0
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	6,000	5,104	100.0	0.0	0.0	0
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	58,899	100.0	0.0	0.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A

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II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	125,000	82,359	80.0	20.0	0.0	0
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	13,610	61.0	39.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	0	1,540	0.0	100.0	0.0	1,540
II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	0	3,798	48.0	52.0	0.0	3,798
II.1.B.1.t.iii	422-264	Igloo Magazine	SF	12,480	1,872	0.0	100.0	0.0	0
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	10,000	0		0.0	0.0	0
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	0	0		0.0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	200,490	90.0	9.0	1.0	N/A
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	240	240	0.0	100.0	0.0	0
II.1.B.1.v.ii	442-258	LOX Storage	GA	7,000	7,000	100.0	0.0	0.0	0
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	142,690	187,794	81.0	19.0	0.0	45,104
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	24,000	54,375	100.0	0.0	0.0	30,375
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	46,050	24,441	100.0	0.0	0.0	0
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	20,423	33.0	67.0	0.0	N/A
II.1.B.1.x	530	Medical Laboratories	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.y	540	Dental Clinics	SF	N/A	11,264	100.0	0.0	0.0	N/A
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	259,704	70.0	29.0	1.0	N/A
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	25,172	0		0.0	0.0	0
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	5,160	0		0.0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	1,536	55.0	38.0	7.0	N/A
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	1,991	1,360	41.0	51.0	8.0	0
II.1.B.1.cc	722	Dining Hall	SF	N/A	13,177	0.0	0.0	100.0	N/A
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	44,900	13,177	0.0	0.0	100.0	0
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	156	47.0	53.0	0.0	N/A
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	66,031	60.0	31.0	9.0	N/A
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	223,327	43.0	40.0	17.0	N/A
II.1.B.1.gg	852-273	Acft Support Equipment Storage	SY	3,500	14,937	100.0	0.0	0.0	11,437

II.1.B.2 From in-house survey:

Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	111 Aircraft Pavement-Runway(s)	SY	125,000	100.0	0.0	0.0
II.1.B.1.b	112 Airfield Pavements-Taxiways	SY	264,481	11.0	89.0	0.0

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II.1.B.1.c	113	Airfield Pavement-Apron(s)	SY	742,295	0.0	100.0	0.0
II.1.B.1.d	116-662	Dangerous Cargo Pad	SY	0			
II.1.B.1.e	812	Elec Power-Trans & Distr Lines	LF	188,195	26.0	74.0	0.0
II.1.B.1.f	822	Heat-Trans & Distr Lines	LF	35,558	0.0	100.0	0.0
II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	84,034	0.0	100.0	0.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	108,091	0.0	100.0	0.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	3,754	100.0	0.0	0.0
II.1.B.1.j	851	Roads	SY	442,599	73.0	27.0	0.0
II.1.B.1.k	852	Veh/Equip Parking	SY	318,370	100.0	0.0	0.0

C. Family Housing (Facility Category Code 711)

II.1.C.1 Capacity (housing Inventory)

II.1.C.1.a Number of adequate units from current DD Form 1410, line 18d:

459

II.1.C.1.b Number of substandard units from current DD Form 1410, line 18e:

0

II.1.C.1.c Current deficit (-) or surplus units in validated Market Analysis:

-756

(includes E-1 - E3 requirements)

II.1.C.1.c.i A Market Analysis was used to answer the questions in Section II.1.C.

II.1.C.1.d FY95/4 projected net housing deficit (-) or surplus of units:

-658

(includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)

II.1.C.2 Condition

II.1.C.2.a Number of adequate units meeting current whole-house standards of accommodation and state of repair:

120

(includes projects programmed through FY95/4. Units meeting whole-house standards are those that were programmed after FY88)

II.1.C.2.a Number of adequate units requiring whole-house renovation or replacement:

459

(Units meeting whole-house standards are those that were programmed/ renovated after FY88).

II.1.C.2.a Number of new housing units projected to meet current deficit.

120

II.1.C.3 Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base

II.1.C.3.a 21.6 percent of officer families live on base.

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II.1.C.3.b 16.2 percent of enlisted families live on base.

II.1.C.3.a 16.9 percent of all military families live on base.

2. Airfield Characteristics

II.2 Runway Table:

Primary Designation		Dimensions: Length Width		Cross Runway	Aircraft Arresting Systems (II.2.D) Number Types	
AST	Secondary	3000 ft	75 ft	No	None	
23	Primary	7500 ft	150 ft	No	4	BAK-12, MA1A

II.2.A There are 2 active runways.

II.2.A.1 There are NO cross runways

II.2.B There are 1 parallel runways (excluding main runway).

II.2.C Dimensions of the primary runway (23).

II.2.C.1 Length: 7,500 ft

II.2.C.2 Width: 150 ft

II.2.D Dimensions of all secondary runways are in the runway table.

II.2.E The primary taxiway is 75 ft wide.

II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency (AFCESA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

An AFCESA Pavement Evaluation Report was used to complete this section.

				Primary Pavements		
Aircraft Group		Criteria		Runways	Taxiways	Aprons
II.2.F.1	Fighter	F-15	61 Kips 300,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.2	Fighter	F-16C/D	37 Kips 300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.3	Bomber	B-52	450 Kips 15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.4	Bomber	B-1B	450 Kips 50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.5	Tanker	KC-135R	320 Kips 50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.6	Tanker	KC-10	550 Kips 15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.7	Airlift	C-5B	800 Kips 50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.8	Airlift	C-141	325 Kips 50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed

II.2.F.9 Work required to upgrade pavement to the required strength:

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Pavement:	Aircraft:	(9.a) Unit of Measure	(9.b) Quantity	(9.c) Description of Work
Taxiway	B-1B	Sy	32,500	Overlay additional 16.5" PCC
Runway	B-1B	SY	9,725	Overlay additional 13.1" PCC. Overlay 4,375 SY additional 11" ACC.
Aprons	B-1B	SY	120,000	Overlay additional 17.4" PCC
Taxiway	B-52	SY	32,500	Overlay additional 20.9" PCC
Runway	B-52	SY	9,725	Overlay additional 15.3" PCC . Overlay 4,375 SY additional 9" ACC.
Aprons	B-52	SY	120,000	Overlay additional 19.7" PCC
Runway	C-141	SY	2,500	Overlay additional 6.7" PCC
Taxiway	C-141	SY	32,500	Overlay additional 13.2" PCC
Aprons	C-141	SY	120,000	Overlay additional 14.3" PCC
Aprons	C-5B	SY	120,000	Overlay additional 6" PCC
Runway	C-5B	SY	2,500	Overlay additional 6" PCC
Taxiway	C-5B	SY	32,500	Overlay additional 11" PCC
Aprons	F-15	SY	120,000	Overlay additional 9.6" PCC
Taxiway	KC-10	SY	32,500	Overlay additional 12.3" PCC
Runway	KC-10	SY	7,225	Overlay additional 7.4" PCC. Overlay 2,500 SY additional 6" PCC.
Aprons	KC-10	SY	120,000	Overlay additional 13.4" PCC
Aprons	KC-135R	SY	120,000	Overlay additional 13.6" PCC
Taxiway	KC-135R	SY	32,500	Overlay additional 12.5" PCC
Runway	KC-135R	SY	2,500	Overlay additional 6" PCC

II.2.G Excess aircraft parking capacity for operational use.

II.2.G.1 The total usable apron space for aircraft parking is 360,000 Sq Yds.

II.2.G.1.a Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions (Equivalent Rectangle)		CURRENT USE DATA. (Type of Aircraft and which of the permanently assigned aircraft use the area.)	
	Blue Ramp	3,600 ft	900 ft	Primary Aircraft
Green Ramp	2,150 ft	1,000 ft	Transient Aircraft	624 ASG
Silver Ramp	850 ft	500 ft	Transient Aircraft	23d Wing Base Ops
Yellow Ramp	800 ft	550 ft	Transient Aircraft	JSOC

II.2.G.2 Permanently assigned aircraft currently require 284,000 Sq Yds of parking space.

II.2.G.3 76,000 Sq Yds of parking space is available for parking additional non-transient aircraft.

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II.2.G.4 The following factors limit aircraft parking capability:

Pope AFB hosts Det 6, SOCOS. Their 6 aircraft are parked within the limits of our apron. Green Ramp and Yellow Ramp are used by tenants (624 ASG and JSOC). Intregrated combat turn (ICT) spots (with QD Arcs)are on the main portion of the ramp.

II.2.H The dimensions of the (largest) transient parking area: **II.2.I Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)****II.2.J There are No critical features relative to the airfield pavement system that limit its capacity:**

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	2.0 MG/D	MG/D - million gallons per day	44 %
II.3.A.2 Sewage:	2.0 MG/D		60 %
II.3.A.3 Electrical distribution:	79.1 MW	MW - million watts	93 %
II.3.A.4 Natural Gas:	2.50 MCF/D	MCF/D - million cubic feet per day	41 %
II.3.A.5 High temperature water/steam generation/distribution:	45.5 MBTUH	MBTUH - million British thermal units per hour	31 %

II.3.B Characteristics regarding the utility system that should be considered:

Note: Our natural gas usage is done in CFH. See worksheet for figures.

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1 Facility number: 712 Hanger

Current Use: Maintenance

II.4.A.2 Size (SF): 66,965 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-7

DIMENSIONS:

	Width	Height	Length
II.4.A.5 Door Opening:	250 ft	62 ft	
II.4.A.6 Largest unobstructed space inside the facility:	250 ft	62 ft	94 ft

II.4.A.1 Facility number: 722 Nose Dock

Current Use: Maintenance Dock

II.4.A.2 Size (SF): 14,788 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:

	Width	Height	Length
II.4.A.5 Door Opening:	150 ft	20 ft	
II.4.A.6 Largest unobstructed space inside the facility:	149 ft	30 ft	65 ft

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II.4.A.1 Facility number: 724 Nose Dock
Current Use: Equipment Warehouse

II.4.A.2 Size (SF): 11,428 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	150 ft	20 ft	
II.4.A.6 Largest unobstructed space inside the facility:	149 ft	30 ft	65 ft

II.4.A.1 Facility number: 726 Nose Dock
Current Use: Maintenance Dock

II.4.A.2 Size (SF): 18,139 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	150 ft	20 ft	
II.4.A.6 Largest unobstructed space inside the facility:	149 ft	30 ft	65 ft

II.4.A.1 Facility number: 732 Nose Dock
Current Use: Maintenance Dock

II.4.A.2 Size (SF): 13,102 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	150 ft	20 ft	
II.4.A.6 Largest unobstructed space inside the facility:	149 ft	30 ft	65 ft

II.4.A.1 Facility number: 734 Nose Dock
Current Use: Fuel System Maintenance Dock

II.4.A.2 Size (SF): 12,636 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	150 ft	20 ft	
II.4.A.6 Largest unobstructed space inside the facility:	149 ft	30 ft	65 ft

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II.4.A.1 Facility number: 736 Nose Dock
Current Use: Fuel System Maintenance Dock

II.4.A.2 Size (SF): 12,334 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	150 ft	20 ft	
II.4.A.6	Largest unobstructed space inside the facility:	149 ft	30 ft	65 ft

5. Unique Facilities

II.5.A There are No unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed.

6. Air Installation Compatible Use Zone (AICUZ) and Terminal Area Procedures

Local/Regional Land Encroachment

II.6.A Percent current off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.A.1	23	CZ	0	138	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	5	CZ	0	138	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
II.6.A.2	23	APZ 1	425	344	11.0	Sig Incompat	10.0	0.0	1.0	1.0	0.0	88.0
	5	APZ 1	0	344	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
II.6.A.3	23	APZ 2	430	482	4.0	Gen Compat	10.0	1.0	0.0	0.0	0.0	89.0
	5	APZ 2	0	482	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0

DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.A.4	65-70	1,817	3,794	2	Gen Compat	4.0	0.0	0.0	66.0	0.0	30.0
II.6.A.5	70-75	688	1,067	7	Incompat	7.0	0.0	0.0	67.0	0.0	26.0
II.6.A.6	75-80	215	441	5	Gen Compat	5.0	0.0	0.0	68.0	0.0	27.0
II.6.A.7	80+	0	101	0	Gen Compat	0.0	0.0	0.0	97.0	0.0	3.0

II.6.B Percent future off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.B.1	23	CZ	0	138	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0

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II.6.B.1	23	CZ	0	138	0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
II.6.B.2	23	APZ 1	553	344	22	Sig Incompat	13.0	0.0	9.0	1.0	0.0	77.0
	5	APZ 1	0	344	0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
II.6.B.3	23	APZ 2	602	482	6	Incompat	14.0	3.0	0.0	0.0	0.0	83.0
	5	APZ 2	0	482	0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0

DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.B.4	65-70	4,088	3,794	4	Gen Compat	9.0	0.0	0.0	66.0	0.0	24.0
II.6.B.5	70-75	688	1,067	7	Incompat	7.0	2.0	1.0	67.0	0.0	23.0
II.6.B.6	75-80	215	441	5	Gen Compat	5.0	0.0	3.0	68.0	0.0	24.0
II.6.B.7	80+	0	101	0	Gen Compat	0.0	0.0	0.0	97.0	0.0	3.0

II.6.C The most recent, publicly released AICUZ study is dated Feb 94

II.6.D Current AICUZ study's flying activities subsection reflects all currently assigned aircraft
Subsection reflects the number of daily flying operations conducted by all assigned aircraft
Current AICUZ study's flight track figure/map reflects current flight tracks.

II.6.E The AICUZ study was last updated on Feb 93
The study is still valid.

II.6.F Local governments have Not incorporated AICUZ recommendations into land use controls

II.6.G Assessment of significant development (i.e., residential subdivision, shopping mall, or center, industrial park, etc.) existing or anticipated within any of the 7 AICUZ zones.

No significant development currently exists in any AICUZ zone.

No significant development is projected for any AICUZ zone.

No long range (20 year) development trends in the 7 AICUZ zones are evident.

II.6.H Population figures and projections:

II.6.H.1 Communities in the vicinity of the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop

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Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
Spring Lake	4110	3968	6273	7580	9843
Fayetteville	47106	53510	59507	75850	81850

II.6.H.3 County (ies) encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
HARNETT COUNTY	48236	49667	59570	67822	84578
CUMBERLAND COUNTY	148418	212042	247160	274566	328052

II.6.I All clear zone acquisition has been completed.

II.6.J Existing on base facilities not sited in accordance with AICUZ recommendations:

Type of facility:	Approximate number of occupants	Zone with violation	Reason the incompatibility is necessary
Dormitories	800	75-80	Predates AICUZ

All planned on base facilities will be sited in accordance with AICUZ recommendations.

Air Space Encroachment

II.6.K Noise complaints are received from off base residents.

II.6.K.1 5.0 noise complaints per month (average) are received from off base residents.

II.6.L The base has implemented noise abatement procedures as follows:

II.6.L.1 Flight tracks moved away from Ft Bragg, F-16s climb to 900 AGL by end of RW and terminate afterburner ASAP. Hush House under construction.

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 8 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is Load Crews

III.1.A.1.b Current MHE: 121

III.1.A.2 24 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:				Remarks:
	Can land	Can taxi	Can park	Can refuel	
747					Runway is only 7500 ft, thus acft like these are limited on landing gross weight based on stopping distances, but these type acft operate at
C-5					Runway is only 7500 ft, thus acft like these are limited on landing gross weight based on stopping distances, but these type acft operate at
KC-10					Runway is only 7500 ft, thus acft like these are limited on landing gross weight based on stopping distances, but these type acft operate at

III.1.C The base has an operational fuel hydrant system:

III.1.C.1 The fuel hydrant system is available to transient aircraft.

III.1.C.2 5 hydrant pits are operational.

Description of base fuel hydrant system:

System Type:	Total Pumping Rate (GPM):	Number of Laterals:	Number of Usable Refueling Positions:	Number of SIMULTANEOUS aircraft refuelings of	
				Narrow	Widebody
3 Type II	600	9	54	9	9
1 Type III	1200	0	22	5	5

III.1.C.3 19 fuel storage tanks support the operational fuel hydrant system:

Storage tank Capacity:	Tanks with this capacity

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50000	18
420000	1

III.1.C.4 The hydrant system is 1.0 miles from the bulk storage area.

III.1.C.5 4 pits are certified for hot pit operations.

III.1.D The base bulk storage facility is Not serviced by a pipeline.

III.1.D.3 None

Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP).
Storage for others is excluded.

III.1.D.4 Other receipt modes available: Tank cars/Trucks

Number of offload headers: 17

5 tank trucks can be simultaneously offloaded

5 tank cars can be simultaneously offloaded

III.1.D.5 3 refueling unit fillstands are available.

III.1.D.5.a 3 refuelers can be filled simultaneously.

III.1.D.6 Current dispensing capabilities as defined in AFR 144-1 sustained: 660000
 maximum: 2825616

III.1.D.7 The base is directly supported by an intermediate Defense Fuels Supply Point (DFSP).

III.1.D.7.a Supporting DFSP: BEAUFORT, NC

III.1.E Cat 1.1 and 1.2 munitions storage requirements and capacity.

III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:

Square footage available (including physical capacity limit):

III.1.E.2 Normal installation mission storage requirement:

	Cat 1.1	Cat 1.2
Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:	117655	0
Square footage available (including physical capacity limit):	0	0
Normal installation mission storage requirement:	1781000	0

III.1.F The base has a dedicated hot cargo pad.

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III.1.F.1 Hot cargo pad access limitations:

SEE WORK SHEET

III.1.F.2 The size of the hot cargo pad is 22,500 sq feet.**III.1.F.3 The sited explosive capacity of the hot cargo pad is 30,000****III.1.F.4 The hot pad access is turn around.****III.1.F.5 The taxiway servicing the hot pad is 150 ft wide and has a pavement classification number (PCN) of 80.****III.1.F.6 Aircraft using pad over the last 5 years:**

C5, C130, C141, A10, F16, Helicopter

III.1.G Proximity (within 150 NM) to mobilization elements.**III.1.G.1 The base is proximate to a ground force installation.****Active ground force installations within 150 NM:**

CAMP LEJEUNE	91 NM
FORT BRAGG	2 NM
FORT JACKSON	115 NM
FORT LEE	149 NM
FORT PICKETT	125 NM

III.1.G.2 The base is proximate to a railhead.**Railheads within 150 NM:**

Beaufort	119 NM
Blackstone	125 NM
Columbia - Fort Jackson	122 NM
Goldsboro	52 NM
Goldsboro - Seymour	52 NM
Havelock	104 NM
Jacksonville - Havelock	104 NM
Manchester - Fort Junction	3 NM
Petersburg	146 NM
Radford - Cowan	142 NM
Sumter - Cape Savannah	100 NM
Ten City	142 NM
Wilmington - Leland	73 NM

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III.1.G.3 The base is proximate to a port.

Deep water ports within 150 NM:

Morehead City	118 NM
Wilmington	78 NM

III.1.H The base has a dedicated passenger terminal.

III.1.I The base does not have a dedicated deployment facility capable of handling DoD standardized cargo pallets.

III.1.J The base medical treatment facility does Not routinely receive referral patients.

III.1.K No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

III.1.L Unique missions performed by the base medical facility:

WRM projects plus FFGLC0, FFGL90, FFGLB0 (SEE WORK SHEET for details)

Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

III.1.M Base medical facilities project planned to begin before to 1999:

Expand and renovate Main Clinic

Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.

III.1.M.1 The project has been approved.

III.1.M.2 No major MCP has been completed since 1989.

III.1.N Base facilities have a total excess storage capacity of 101,434 sq ft.

III.1.N.1 Base facilities have a total covered storage capacity of 229,111 sq ft.

III.1.N.2 Breakout of the total covered storage capacity:

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**Supply (warehousing, Individual Equipment
Unit, Tool Issue, Base Service Store):** 130,843 sq ft
Mobility storage: 2,576 sq ft
War Readiness Support Kits (WRSK) storage: 54,375 sq ft

III.1.N.3 Base supply facilities that have a planned and funded MCP project:

Facility:	Funding:
AGS Parts Store	2600

III.1.O 222 light military vehicles are on base.

III.1.P 466 heavy military and special vehicles are on base.

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Section IV

1. Base Budget

IV.1 Non-payroll portion of the base budget for prior years:

IV.1.A	xxx56	Environmental Compliance			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	185.00 \$sK	0.00 \$sK	185.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	698.00 \$sK	0.00 \$sK		698.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	1,221.00 \$sK	0.00 \$sK			1,221.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	581.00 \$sK	0.00 \$sK				581.00 \$sK
		xxx56 TOTALS:			185.00 \$sK	698.00 \$sK	1,221.00 \$sK	581.00 \$sK
IV.1.B	xxx76	Real Property Maintenance A			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	5,765.00 \$sK	1,645.00 \$sK	7,410.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	12,013.00 \$sK	1,676.00 \$sK		13,689.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	355.00 \$sK	33.00 \$sK			388.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	120.00 \$sK	148.00 \$sK				268.00 \$sK
		xxx76 TOTALS:			7,410.00 \$sK	13,689.00 \$sK	388.00 \$sK	268.00 \$sK
IV.1.C	xxx78	Real Property Maintenance S			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-92	Appropriation	Direct	Reimbursable				
		3400	1.00 \$sK	0.00 \$sK		1.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	7,559.00 \$sK	956.00 \$sK			8,515.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	2,840.00 \$sK	102.00 \$sK				2,942.00 \$sK
		xxx78 TOTALS:				1.00 \$sK	8,515.00 \$sK	2,942.00 \$sK
IV.1.D	xxx90	Audio Visual			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	238.00 \$sK	0.00 \$sK	238.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				

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		3400	242.00 \$sK	0.00 \$sK		242.00 \$sK			
	FY-93	Appropriation	Direct	Reimbursable					
		3400	283.00 \$sK	0.00 \$sK			283.00 \$sK		
	FY-94	Appropriation	Direct	Reimbursable					
		3400	199.00 \$sK	0.00 \$sK				199.00 \$sK	
		xxx90 TOTALS:				238.00 \$sK	242.00 \$sK	283.00 \$sK	199.00 \$sK
IV.1.E	xxx95	Communications			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total	
	FY-91	Appropriation	Direct	Reimbursable					
		3400	1,279.00 \$sK	12.00 \$sK	1,291.00 \$sK				
	FY-92	Appropriation	Direct	Reimbursable					
		3400	955.00 \$sK	2.00 \$sK		957.00 \$sK			
	FY-93	Appropriation	Direct	Reimbursable					
		3400	1,233.00 \$sK	2.00 \$sK			1,235.00 \$sK		
	FY-94	Appropriation	Direct	Reimbursable					
		3400	662.00 \$sK	0.00 \$sK				662.00 \$sK	
		xxx95 TOTALS:			1,291.00 \$sK	957.00 \$sK	1,235.00 \$sK	662.00 \$sK	
IV.1.F	xxx96	Base Operating Support			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total	
	FY-91	Appropriation	Direct	Reimbursable					
		3400	7,908.00 \$sK	153.00 \$sK	8,061.00 \$sK				
	FY-92	Appropriation	Direct	Reimbursable					
		3400	6,210.00 \$sK	150.00 \$sK		6,360.00 \$sK			
	FY-93	Appropriation	Direct	Reimbursable					
		3400	9,175.00 \$sK	1,120.00 \$sK			10,295.00 \$sK		
	FY-94	Appropriation	Direct	Reimbursable					
		3400	8,172.00 \$sK	100.00 \$sK				8,272.00 \$sK	
		xxx96 TOTALS:			8,061.00 \$sK	6,360.00 \$sK	10,295.00 \$sK	8,272.00 \$sK	
IV.1.G	MFH	Military Family Housing			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total	
	FY-91	Appropriation	Direct	Reimbursable					
		3400	1,175.00 \$sK	0.00 \$sK	1,175.00 \$sK				
	FY-92	Appropriation	Direct	Reimbursable					
		3400	2,285.00 \$sK	0.00 \$sK		2,285.00 \$sK			
	FY-93	Appropriation	Direct	Reimbursable					
		3400	3,026.00 \$sK	0.00 \$sK			3,026.00 \$sK		
	FY-94	Appropriation	Direct	Reimbursable					
		3400	2,684.00 \$sK	0.00 \$sK				2,684.00 \$sK	
		MFH TOTALS:			1,175.00 \$sK	2,285.00 \$sK	3,026.00 \$sK	2,684.00 \$sK	

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2. Relocation Costs

IV.2 -Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:

Total relocation costs: \$ 4,167.34 K

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Section IV/V Level Playingfield COBRA Data

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Section VI Economic Impact**Economic Area Statistics:**

Fayetteville, NC MSA

Total population: 177,000 (FY 92)

Total employment: 160,544 (FY 93)

Unemployment Rates (FY93/3 Year Average/10 Year Average)

5.2% / 6.0% / 5.5%

Average annual job growth: 2,730

Average annual per capita income: \$16,050

Average annual increase in per capita income: \$6.7%

Projected economic impact:

Direct Job Loss:	4,829	
Indirect Job Loss:	<u>1,735</u>	
Closure Impact:	6,564	(4.1% of employment total)
Other BRAC Losses:	<u>0</u>	
Cumulative Impact:	6,564	(4.1% of employment total)

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Section VII

1. Community Infrastructure

Describe the off-base housing situation.

- VII.1.A.1 Off-base housing is NOT affordable
- VII.1.A.2 Units are NOT available for families
- VII.1.A.2 Units are NOT available for single members.
- VII.1.A.3 12.6 Percent of off-base housing was rated as unsuitable in the latest VHA survey
- VII.1.A.4 Median monthly cost of off-base housing based on latest VHA survey: \$702

Describe the transportation systems.

- VII.1.B.1 The base is NOT served by REGULARLY SCHEDULED, public transportation.
- VII.1.B.2 Distance to the nearest municipal airport with scheduled, commercial air traffic: 12 miles
- VII.1.B.2 Airport name: Grannis Field Airport
- VII.1.B.3 Number of commercial air carriers available at the airport: 4
- VII.1.B.4 Average round trip commuting time to work: 50 minutes

Off-base public recreation facilities:

List ONLY THE NEAREST facility for each subcategory.

Facility Subcategory Type	Name of Nearest Facility	Distance to:	Drive Time		
			Hrs.	Min.	Min.
VII.1.C.1 Swimming pool	Waldo's Beach	15		20	Min.
VII.1.C.2 Movie theater	Cross Pointe Centre	6		16	Min.
VII.1.C.3 Public golf course	Baywood	35		40	Min.
VII.1.C.4 Bowling lane	B & B	15		21	Min.
VII.1.C.5 Boating	Sharon Harris	45	1 Hrs.		Min.
VII.1.C.6 Fishing	Sharon Harris	45	1 Hrs.		Min.
VII.1.C.7 Zoo	Ashboro	70	1 Hrs.	30	Min.
VII.1.C.8 Aquarium	Ft. fisher	110	2 Hrs.	30	Min.
VII.1.C.9 Family theme park	Carowinds	141	3 Hrs.	30	Min.
VII.1.C.10 Professional sports	Basketball	141	3 Hrs.	30	Min.
VII.1.C.11 Collegiate sports	Fayetteville	15		25	Min.

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VII.1.C.12	Camping facilities	Ravenrock State Park	25		Hrs.	30	Min.
VII.1.C.13	Beaches (lake or ocean)	Smith Lake	7		Hrs.	15	Min.
VII.1.C.14	Outdoor winter sports	Boone, NC (Skiing)	204	4	Hrs.	30	Min.

VII.1.D Nearest Shopping facility (two major anchor stores plus smaller retail outlets):

Cross Creek Mall 16 min (7 Miles)

VII.1.E Nearest Metropolitan center (population in excess of 100,000):

Fayetteville, NC 25 min (15 Miles)

Local area crime rate:

VII.1.F.1 Violent crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Violent crime is defined as the sum of homicide, rape, robbery, felony assault, and simple assault.) 1999

VII.1.F.2 Property crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Property crime is defined as the sum of auto theft, burglary, theft, and arson.) 11051

2. Education

VII.2.A The highest maximum allowed pupil to teacher classroom ratio, based on grades K - 12 and using local area ratios: 32 to 1

VII.2.B Local high schools offer a four-year English program.

VII.2.B Local high schools offer a four-year Math program.

VII.2.B Local high schools offer four-year Foreign Language programs.

VII.2.C Local high schools offer an Honors program.

VII.2.D 76.0 percent of high school students go on to either a two- or four-year college

VII.2.E There are opportunities for off-base education within 25 miles of the base.

VII.2.E.1 Opportunities for off-base VOCATIONAL/TECHNICAL TRAINING provided by the following institutions:

Fayetteville Technical Community College

VII.2.E.2 Opportunities for off-base UNDERGRADUATE COLLEGE provided by the following institutions:

Methodist college

VII.2.E.3 Opportunities for off-base GRADUATE COLLEGE provided by the following institutions:

Fayetteville State University

3. Spousal Employment

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- VII.3.A 73.0 percent of spouses are able to find employment (within 3 months) in the local community.
- VII.3.B 60.2 percent of spouses find employment commensurate with job skills, work experience, and education.
- VII.3.C 5.2 percent unemployment in the local area (Department of Labor Statistics)
- VII.3.D 2.3 percentage rate of job growth in the local area (Department of Labor Stastics)

4. Local Medical Care

- VII.4.A Current ratio of active, non-federal physicians in the community: 1.3 physicians/1000 people
- VII.4.B Current ratio of hospital beds in the community: 1.4 beds/1000 people

1995 AIR FORCE BASE QUESTIONNAIRE**Pope AFB - ACC****Section VIII****1. Air Quality - Clean Air Act**

VIII.1.A Air Quality Management District for the base: Eastern North Carolina

VIII.1.B The base is NOT located within a maintenance or non-attainment area for pollutants.

VIII.1.C There are NO critical air quality regions within 100 kilometers of the base
(Critical air quality regions are non-attainment areas, national parks, etc.)

VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.

(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)

VIII.1.D.1 The base has NOT been required to impliment emissions reduction through special actions
(i.e. carpooling or emissions credit transfer)

VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:

VIII.E.1 Aerospace Ground Equipment (AGE):

E.1.a No state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.

E.1.b No state or local air quality regulatory agency Requires permits for such units.

E.1.c No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.

E.1.d No state or local air quality regulatory agency Requires retrofit controls for AGE.

VIII.E.2 Infrastructure Maintenance / Public Works

E.2.a No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).

E.2.b No state or local air quality regulatory agency Limits the hours of these activities.

E.2.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.

E.2.d No state or local air quality regulatory agency Requires emission offsets for these activities.

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VIII.E.3 Open Burn/Open Detonation

- E.3.a No state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b The state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a The state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b No state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergent generators.
- E.6.d The state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a The state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

VIII.2.A The base potable water supply is On-base and the source is:

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FT BRAGG H2O TREATMENT FACILITY

VIII.2.B There are no constraints to the base water supply.

VIII.2.C The base potable water supply does not constrain operations

(Contamininants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is contaminated.

VIII.3.A.1 Nature of contamination. Groundwater in the vicinity of IRP sites is contaminated with JP-4

VIII.3.A.2 The contaminated groundwater is Not a potable water source.

VIII.3.B The base is actively involved in groundwater remediation activities.

VIII.3.C 39 water wells exist at the base.

VIII.3.D No wells have been abandoned.

4. Water - Surface Water

VIII.4.A There No perennial bodies of water located on base.

VIII.4.A.2 These bodies do Not receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is Not located within a specified drainage basin.

VIII.4.B Special permits are Not required

(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

VIII.4.C There is known contamination to the base or local community surface water

VIII.4.C.1 Nature of the contamination: IRP site discharge small amounts JP-4

VIII.4.C.2 The contaminated surface water is Not a potable water source.

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5. Wastewater

- VIII.5.A** Base wastewater is treated by Local Community facilities.
- VIII.5.C** There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

- VIII.6.A** There any No National Pollutant Elimination System permits in effect.
- VIII.6.B** The base currently discharges treated wastewater OFF-Base. Description of treated wastewater discharge location:
Fort Bragg wastewater treatment facility.
- VIII.6.C** The base has No discharge impoundments.
- VIII.6.D** There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

- VIII.7.A** 77.0 percent of facilities have been surveyed for asbestos.
- VIII.7.A.1** 56.0 percent of the facilities surveyed are identified as having asbestos.
- VIII.7.A.2** 0 facilities are considered regulated areas or have restricted use due to friable asbestos.

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8. Biological - Habitat

- VIII.8.A There are No ecological or wildlife management areas ON the base. There are No ecological or wildlife management areas ADJACENT TO the base.
- VIII.8.A.1 Natural areas on or adjacent to the base are not recognized as important ecological sites.
- VIII.8.B No critical/sensitive habitats have been identified on base .
- VIII.8.C The base does not have a cooperative agreement for conducting a hunting and fishing program. Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.

9. Biological - Threatened and Endangered Species

VIII.9.A Threatened and/or endangered species identified on the base:

Species	Kingdom			Remarks	
Loggerhead shrike	Animal	Federa	Candidate	Threatened	(Lanius ludovicianus)
Picoides borealis	Animal	Federa	Candidate	Threatened	Red-Cockaded Woodpecker(Picoides borealis)

- VIII.9.B There are No Special Concern species identified on the base.
- VIII.9.C The presence of these species does Not constrain current or future construction activities or operations.

10. Biological - Wetlands

VIII.10.A Wetlands, estuaries, or other special aquatic features present on the base:

VIII.10.A.1 Identification and type of wetland: Approximate acreage:

Wetlands were not identified	153
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- VIII.10.A.2 The base is Not involved in jointly-managed programs for protection of these resources.
- VIII.10.B The base has been surveyed for wetlands in accordance with established federally approved guidelines.
- VIII.10.B.1 Survey was completed in May 94
- VIII.10.B.2 100 percent of the base was included in the survey.
- VIII.10.B.3 Method used to survey the base (e.g., Corps of Engineers Delineation Manual, U.S. Fish and Wildlife Service National Wetlands Inventory):

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Corps of Engineers Wetlands Delineation Manual

VIII.10.C Part of the base is located in a 100-year floodplain.

VIII.10.D The presence of these resources does Not constrain current or future construction activities or operations.

11. Biological - Floodplains

VIII.11.A Floodplains are present on the base.

VIII.11.A.1 Floodplains do Not constrain construction (siting) activities or operations.

VIII.11.A.2 Periodic flooding does Not constrain base operations.

12. Cultural

VIII.12.A Historic, prehistoric, archaeological sites or other cultural resources located on the base:

VIII.12.A.1 Sites:

Significant status:

Bldg 300	Fire Station
Bldg 302	Medical Dispensary
Bldg 306	Barracks & Headquarters
Bldg 708	Hangars 4 & 5
Bldgs 202,204,206,208,210,212,214,216,218	2 Story Residence (Married Officer's Quarters)
Bldgs 203,207,211,215,217,343	2 Car Garages
Bldgs 322,324,326,328,330,332,334,336,338 ,340,342,344	1 Story Residence (Officer's Quarters)
Bldgs 325,337	5 Car Garages

VIII.12.B 8 percent of the buildings on base are over 50 years old.

VIII.12.C Historic Landmark/Districts, or properties listed in the National Register of Historic Places (NRHP) located on base:

Bldg 300 (Fire Station)

Bldg 302 (Medical Dispensary)

Bldg 306 (Barracks & Headquarters)

Bldg 708 (Hangars 4 & 5)

Bldgs 202,204,206,208,210,212,214,216,218 - 2 Story Residence (Married Officer's Quarters)

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Bldgs 203,207,211,215,217,343 - 2 Car Garages

Bldgs 325,337 - 5 Car Garages

VIII.12.C.1 No properties have been determined to be or may be eligible for the NRHP.

VIII.12.C.2 Buildings and structures have not been surveyed for Cold War or other historical significance.

VIII.12.D The base has Not been archeologically surveyed.

VIII.12.D.1 Not Applicable.

VIII.12.D.2 No archeological sites have been found.

VIII.12.D.3 No archeological collections are housed on base.

VIII.12.D.4 No Native Americans or others use/identified sacred areas or burial sites on or near base.

VIII.12.E The base has no agreements with historic preservation agencies.

Agreements include Programmatic Agreements and Memorandum of Agreements.

Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 11 IRP sites have been identified

VIII.13.A.2 No IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 1998

VIII.13.B The installation is Not a National Priority List (NPL) site nor proposed as an NPL site.

VIII.13.C There are no existing Federal Agency Agreements to clean up the base.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There reported or known uncontrolled or unregulated occurrences of specific contaminate types and sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E No sites or SWMUs are currently being investigated and remediated pursuant to the RCRA.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.F The IRP currently restricts construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
Hazardous Waste Disposal/Remediation	\$250.000 K	\$260.000 K	\$260.000 K	\$270.000 K	\$270.000 K
IRP	\$749.000 K	\$191.000 K	\$1,500.000 K	\$2,000.000 K	\$2,257.000 K
Natural Resources	\$30.000 K	\$8.000 K	\$8.000 K	\$8.000 K	\$8.000 K
Other(s) Specify:GRDH2O MONT./O&M LEV 1 PROJECTS	\$1,180.000 K	\$60.000 K	\$60.000 K	\$60.000 K	\$60.000 K
Permits	\$16.000 K	\$20.000 K	\$20.000 K	\$20.000 K	\$20.000 K

15. Other Issues

VIII.15.A There are no additional activities which may constrain or enhance base operations.

1995 AIR FORCE BASE QUESTIONNAIRE**Pope AFB - ACC****16. Air Quality - Clean Air Act**

VIII.16.A Air Quality Control Area (AQCA) geographic region in which the base is located:
Cumberland County, Sandhills Region of Eastern North Carolina

VIII.16.B Air quality regulatory agency responsible for the AQCA.: NCDEHNR (Fayetteville)

VIII.16.B Name and phone number of the AQCA program manager for issues pertaining to the base:

Mr. Ken Smack, Mr. Alan Grainger, and Ms. Cynthia Savoy (910) 486-1541

The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:

VIII.16.C.1 In Attainment for Ozone

VIII.16.C.2 In Attainment for Carbon Monoxide

VIII.16.C.3 In Attainment for Particulate matter (PM-10)

VIII.16.C.4 In Attainment for Sulfur Dioxide

VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NO_x)

VIII.16.C.6 In Attainment for Lead

VIII.16.C.7 The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT

VIII.16.D.1 Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located: 0.12 ppm

VIII.16.D.2 Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located: 9.0 ppm

VIII.16.D.3 Ozone Design value is 100.0% of NAAQS

VIII.16.D.4 Carbon monoxide Design value is 100.0% of NAAQS

Air Quality Survey complete, No additional data required.

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Section IX

Document Separator

1995 AIR FORCE BASE QUESTIONNAIRE

Portland IAP ANGS - NGB

Section I

1. Force Structure

1.1.A List of all on base NAF and non-Air Force activities:

Unit or Activity:	Personnel Authorizations for FY93/4			
	Officer	Enlisted	Civilian	Total
I.1.A.1 206 Trans Det (ARNG)	-	2	-	2
I.1.A.2 206 Trans Det (ARNG)(Drill Status)	9	24	-	33
I.1.A.3 234 Band 9 (ARNG)	-	2	-	2
I.1.A.4 234 Band 9 (ARNG)(Drill Status)	1	37	-	38
I.1.A.5 AFRES MWR (NAF)	-	-	-	0
I.1.A.6 Base Exchange	-	-	6	6
I.1.A.7 Credit Union	-	-	1	1
I.1.A.8 SATO	-	-	-	0
I.1.A.9 USNR Recruiting	-	1	-	1
TOTAL:				83

1.1.B Remote/Geographically Separated Units receiving more than 50% of Base Operational Support from the base:

- I.1.B.1 **Supported Unit:** 104 TAC CONT. SQ GSU **GSU - Geographically Separated Unit**
Location: COOS HEAD OR. **REM - Remote Unit**
Support provided: BCE, FINANCE, SUPPLY, CONTRACTING, CBPO, MOBILITY, MEDICAL, JAG, ETC,...
- I.1.B.2 **Supported Unit:** 116 TAC CONT SQ GSU **GSU - Geographically Separated Unit**
Location: CAMP RILEA **REM - Remote Unit**
Support provided: SUPPLY, SMALL ARMS INSTR, FOOD SERVICE, MOTOR POOL, CONTRACTING, CBPO, ETC

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2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

1.2.A.1 Some of the base ATCALs are officially part of the NAS.

1.2.A.2 Details for specific ATC facilities:

	(A.2) ATC Summary:			(A.3) Detailed traffic counts:			
	Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	IIS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
RAPCON	3	316000			N/A	N/A	N/A
Tower	3	280829	267433	12396	N/A	N/A	N/A

1.2.A.4 The primary instrument runway is designated 10R

140415 operations were conducted this runway during calendar year 1993

1.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:

NONE

1.2.A.6 The base experiences ATC delays.

1.2.A.6.a Details regarding ATC delays:

Average number of delays per month (over the last 2 years): 1

The total number of sorties per month: 4741

The average length of the delays: 0:10

1.2.A.6.b There is a common rationale for the delays:

Joint use airport. Flights scheduled to avoid peak departure/arrival periods. Occasional delays experienced by AFRES unit HC-130 or H-60 during winter months.

B. Geographic Location

1.2.B.1 Nearest major primary airlift customer: FORT LEWIS distance 89 NM

Nearest major primary airdrop customer: FORT LEWIS distance 89 NM

1.2.B.2 Distance to forward deployment Air Bases:

Lajes AB: 4259 NM

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Rota AB: 5266 NM
 Hickam AFB: 2260 NM
 RAF Mildenhall: 4837 NM

	Class of Airfield:	Name	Distance from Base
1.2.B.3	Military airfield, runway >= 3,000ft	GRAY AAF	90
1.2.B.4	Military airfield, runway >= 8,000ft	MCCHORD AFB	93
1.2.B.5	Military airfield, runway >= 10,000ft	MCCHORD AFB	93
1.2.B.6	Military or civilian airfield, runway >= 3,000ft	Portland-Hillsboro	15
1.2.B.7	Military or civilian airfield, runway >= 8,000ft	McChord AFB	93
1.2.B.8	Military or civilian airfield, runway >= 10,000ft	McChord AFB	93
1.2.B.9	Civilian airfield, runway >= 8,000ft for capable of conducting short term operations	Mahlon Sweet Field	90
1.2.B.10	Civilian airfield, runway >= 10,000ft for capable of conducting short term operations	Seattle-Tacoma Int'l	115
1.2.B.11	Other runways on base can be used for emergency landings.		

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

1.2.C.1 Supersonic Air Combat Training (ACBT) MOAs and warning/restricted areas, with a minimum size of 4,200 sq NM, within 300 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-570	102 NM	W-93	186 NM	W-460	192 NM

1.2.C.2 MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft, within 200 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-570	102 NM	W-237 A,B	155 NM	W-460B	174 NM
W-460	192 NM				

1.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-570	102 NM	W-237 A,B	155 NM	W-460B	174 NM
W-93	186 NM	W-460	192 NM	W-460A	231 NM

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OWYHEE/ PARADISE	334 NM	GABBS NORTH	413 NM	AUSTIN 1	422 NM
W-260	432 NM	AUSTIN/GABBS CN	433 NM	AUSTIN/GABBS N/C	433 NM
Austin I/GABBS N&C	433 NM	UTTR	515 NM	W-285A	567 NM
W-283/W-285A,B	569 NM	W-283	576 NM	HAYS	588 NM
DESERT	598 NM				

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
SAYLOR CREEK	347 NM	FALLON B-19	423 NM	FALLON B-17	427 NM
EAGLE/UTTR	496 NM	KITTYCAT/UTTR	509 NM	HAG/UTTR	541 NM
CHINA LAKE	620 NM	NELLIS R65	620 NM	NELLIS R63	627 NM

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

SAYLOR CREEK 347 NM

I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

FALLON TACTS 429 NM

I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

SAYLOR CREEK 347 NM

I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	3	7	8	17	37	66
SR	2	2	11	14	18	20
VR	0	3	5	17	33	47
Total Routes:	5	12	24	48	88	133

Identify Routes:

SR-488 56 NM	SR-489 59 NM	IR-313 77 NM	IR-314 77 NM	IR-346 87 NM	
IR-344 104 NM	IR-341 107 NM	IR-343 107 NM	VR-1355 108 NM	VR-1354 125 NM	IR-342 135 NM
VR-1352 135 NM					
SR-475 165 NM	IR-348 172 NM	VR-1351 172 NM	VR-1350 172 NM	SR-470 176 NM	SR-471 176 NM
SR-476 178 NM	SR-473 179 NM	SR-477 179 NM	SR-478 179 NM	SR-472 183 NM	SR-474 185 NM
IR-300 207 NM	VR-1302 227 NM	IR-304 230 NM	IR-340 237 NM	VR-1254 244 NM	IR-307 254 NM
IR-303 258 NM	VR-319 264 NM	VR-1301 268 NM	VR-316 269 NM	VR-1250 288 NM	IR-271 299 NM
IR-301 305 NM	VR-1353 305 NM	VR-1300 334 NM	IR-302 340 NM	VR-1304 340 NM	VR-1251 355 NM
IR-275 364 NM	SR-311 367 NM	VR-202 381 NM	VR-1261 383 NM	SR-353 391 NM	SR-301 392 NM

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SR-398	403 NM	IR-280	415 NM	IR-282	415 NM	SR-381	430 NM	SR-359	435 NM	IR-281	437 NM
IR-290	450 NM	IR-293	450 NM	IR-290A	450 NM	SR-300	457 NM	IR-264	467 NM	VR-201	482 NM
IR-235	490 NM	IR-279	496 NM	VR-1422	499 NM	VR-1423	499 NM	VR-1446	500 NM	VR-1445	504 NM
VR-1205	505 NM	IR-498	520 NM	IR-206	522 NM	IR-420	522 NM	IR-418	522 NM	IR-237	528 NM
VR-1264	530 NM	VR-1260	531 NM	VR-1259	533 NM	VR-209	533 NM	IR-234	535 NM	IR-238	535 NM
VR-208	538 NM	IR-207	544 NM	IR-425	549 NM	VR-249	558 NM	IR-310	559 NM	VR-1252	560 NM
VR-1257	575 NM	IR-285	578 NM	VR-1262	597 NM	VR-1255	598 NM				
IR-203	608 NM	VR-1256	612 NM	IR-266	618 NM	VR-1406	622 NM	IR-286	625 NM	VR-1253	633 NM
IR-478	642 NM	IR-479A	642 NM	IR-478A	642 NM	IR-479	642 NM	IR-400	661 NM	SR-390	668 NM
IR-484	670 NM	VR-1265	671 NM	VR-1206	673 NM	VR-1293	673 NM	IR-200	689 NM	IR-485	695 NM
IR-211	708 NM	VR-1214	716 NM	VR-1215	716 NM	VR-1217	718 NM	VR-1218	718 NM	VR-289	727 NM
VR-296	727 NM	IR-431	729 NM	IR-482	729 NM	IR-212	735 NM	IR-213	735 NM	IR-252	735 NM
IR-217	735 NM	IR-320	741 NM	IR-276	743 NM	VR-1225	745 NM	VR-299	753 NM	IR-216	756 NM
IR-250	759 NM	SR-397	774 NM	IR-214	777 NM	IR-644	780 NM	IR-649	780 NM	IR-218	787 NM
IR-255	788 NM	IR-480	788 NM	IR-481	788 NM						

I.2.C.9 IR-498 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 520 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
6	14	42

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance
AR-628	104 NM	AR-645	152 NM	AR-630	162 NM	AR-654	162 NM
AR-8A	180 NM	AR-626	192 NM				
AR-4A NORTH	227 NM	AR-717B	235 NM	AR-7A	240 NM	AR-4A SOUTH	241 NM
AR-4B NORTH	255 NM	AR-8B	261 NM	AR-717A	268 NM	AR-4B SOUTH	273 NM
AR-7B	302 NM	AR-611B	303 NM	AR-452 NORTHEAST	309 NM	AR-010 SOUTHEAST	312 NM
AR-009 EAST	317 NM	AR-9A EAST	317 NM	AR-452 SOUTHWEST	352 NM	AR-611A	357 NM
AR-462	368 NM	AR-648B	380 NM	AR-224	386 NM	AR-5H WEST	405 NM
AR-5L WEST	405 NM	AR-208	410 NM	AR-9A WEST	412 NM	AR-214	417 NM
AR-648A	417 NM	AR-610	424 NM	AR-621	429 NM	AR-223	435 NM
AR-001 EAST	438 NM	AR-010 NORTHWEST	455 NM	AR-221	462 NM	AR-5H EAST	463 NM

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|AR-5L EAST 463 NM|AR-625H 481 NM|AR-625L 481 NM|AR-222 483 NM

1.2.C.10b The total number of refueling events within:

500 NM 700 NM
|983 |1240

Track	Distance	Events	Track	Distance	Events	Track	Distance	Events	Track	Distance	Events
AR-004A	227 NM	372	AR-004B	255 NM	86	AR-010	312 NM	525			0

1.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 312NM from the base."

1.2.C.10d Percentage of tanker demand in region: 6.0

Percentage of tankers based in region: 19.0

Tanker saturation within the region has been classified as tanker Rich

1.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
BANGER (WATER)	130 NM	✓	✓		0	0
BARBRA (CIR)	148 NM	✓	✓		0	0
BELLER	114 NM	✓	✓	✓	0	0
BORDEN SPRINGS	129 NM	✓	✓	✓	0	0
BRANDON	150 NM	✓	✓	✓	0	0
BUOY(CIR) (H2O)	68 NM		✓		0	0
COMMENCEMENT BAY	102 NM		✓		0	0
DESDEMONA (H2O)/JETTY	70 NM		✓		0	0
GRANT	167 NM	✓	✓		0	9
LARSON CIRCULAR	150 NM	✓	✓	✓	0	9
MICHAEL (A)	150 NM	✓	✓	✓	0	0
MICHAEL (B)	150 NM	✓	✓	✓	0	9
MOSES	167 NM	✓	✓	✓	0	0
POINT SALINAS	87 NM	✓	✓	✓	0	0
PRECIP	86 NM	✓	✓	✓	0	0
RIO HATO - FT LEWIS	87 NM	✓	✓		0	0
ROGERS	86 NM	✓	✓	✓	0	1
ROSE	86 NM	✓	✓	✓	0	1
SELAH CREEK	116 NM	✓	✓	✓	0	0
SILICA	120 NM	✓	✓	✓	0	0

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SILICA WEST	120 NM	✓	✓	✓	0	0
SOLO POINT H20	93 NM		✓		0	0
SUNSET	65 NM		✓		0	0
ZODIAC (H20)	70 NM		✓		0	0

I.2.C.11.a Drop Zone**Servicing Instrument and Slow Routes (IRs and SRs)**

GRANT	SR-470	SR-471	SR-472	SR-473	SR-474	SR-475	SR-476	SR-477	SR-478
LARSON CIRCULAR	SR-470	SR-471	SR-472	SR-473	SR-474	SR-475	SR-476	SR-477	SR-478
MOSES	SR-470	SR-471	SR-472	SR-473	SR-474	SR-475	SR-476	SR-477	SR-478
ROGERS	SR-488								
ROSE	SR-488								

I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

PACEMAKER 86 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
ROGERS	86 NM	✓	✓	✓	0	0

I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM>

YAKIMA FIRING CENTER 106 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 **The base Does not control or manage any ranges, questions I.2.D.2 to I.2.D.17 skipped.**

Ranges (Used by the base)

I.2.D.18 **The base uses ranges on a regular basis**

I.2.D.19 **The mission and training is Not adversely impacted by training area airspace encroachment or other conflicts.**

I.2.D.20 **MOAs/bombing ranges/other training areas have No scheduling restrictions/limitations.**

I.2.D.21 **MOAs/bombing ranges/other training areas have No projected scheduling restrictions/limitations.**

I.2.D.22 **No significant changes/restrictions/limitations effecting the scheduling of low level routes in progress.**

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E. Airspace Used by Base

I.2.E.1 Airspaces scheduled or managed by the base:

Charlie - Helicopter Tng Area	Low Alt Tac Nav Area
Delta - Helicopter Tng Area	Low Alt Tac Nav Area
Echo - Helicopter Tng Area	Low Alt Tac Nav Area
Golf - Helicopter Tng Area	Low Alt Tac Nav Area

Details for airspace scheduled or managed by the base:

Airspace: Charlie - Helicopter Tng Area

I.2.E.2 An environmental analysis has Not been conducted for this airspace.

I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.

I.2.E.6 There are No restrictions currently acting on this airspace

I.2.E.7 Published availability of the airspace:

Not published. Unit managed only - 0600-0000 daily.

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- Range scheduling statistics (yearly average from 1990 to 93.)
- I.2.E.7.a Hours scheduled: 450 hrs
- I.2.E.7.b Hours used: 420 hrs
- I.2.E.7.c Reasons for non-use:
weather cancellation(icing, IFR conditions)
- I.2.E.8 Utilization of the airspace can be increased.
- I.2.E.9 It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10 Description of the volume or area of the Airspace:
950 square miles; surface to 500
- I.2.E.11 9000.00 percent of the airspace is usable.
Airspace: Delta - Helicopter Tng Area
- I.2.E.2 An environmental analysis has Not been conducted for this airspace.
- I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6 There are No restrictions currently acting on this airspace

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- I.2.E.7 Published availability of the airspace:**
Not Published. Unit managed. 0600-000 daily.
- Range scheduling statistics (yearly average from 1990 to 93.**
- I.2.E.7.a Hours scheduled: 66 hrs**
- I.2.E.7.b Hours used: 60 hrs**
- I.2.E.7.c Reasons for non-use:**
Weather: icing, fog, IFR conditions
- I.2.E.8 Utilization of the airspace can be increased.**
- I.2.E.9 It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10 Description of the volume or area of the Airspace:**
4800 square miles; surface to 500 ft
- I.2.E.11 90.00 percent of the airspace is usable.**
Airspace: Echo - Helicopter Tng Area
- I.2.E.2 An environmental analysis has Not been conducted for this airspace.**
-
-
-
-
-
-
-
-
-
-
-
- I.2.E.3 List of Noise Sensitive Areas (NSAs) associated with the airspace:**
- I.2.E.3.a Bull of the Woods Wilderness**
- I.2.E.3.b No affect on or threat to the quality of training or the mission.**
-
- I.2.E.3.a Mt Hood Wilderness Area**
- I.2.E.3.b No affect on or threat to the quality of training or the mission.**

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- I.2.E.3.a** **Salmon Huckleberry Wilderness**
I.2.E.3.b **No affect on or threat to the quality of training or the mission.**
- I.2.E.3.a** **Table Rock Wilderness Area**
I.2.E.3.b **No affect on or threat to the quality of training or the mission.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
 Not published. Unit managed. 0600-000 daily.
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled: 660 hrs**
I.2.E.7.b **Hours used: 600 hrs**
I.2.E.7.c **Reasons for non-use:**
 Weather: icing, IFR condition
- I.2.E.8** **Utilization of the airspace can be increased.**
I.2.E.9 **It is possible to expand hours and volume to increase the airspace utilization.**
I.2.E.10 **Description of the volume or area of the Airspace:**
 1400 square miles; surface to 500 ft.
- I.2.E.11** **90.00 percent of the airspace is usable.**
Airspace: Golf - Helicopter Tng Area
- I.2.E.2** **An environmental analysis has Not been conducted for this airspace.**

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- I.2.E.3** List of Noise Sensitive Areas (NSAs) associated with the airspace:
I.2.E.3.a MtStHelens National Volcanic M
I.2.E.3.b No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** Trapper Creek Wilderness Area
I.2.E.3.b No affect on or threat to the quality of training or the mission.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
Not published. Unit managed 0600-000 daily
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 132 hrs
I.2.E.7.b Hours used: 120 hrs
I.2.E.7.c Reasons for non-use:
Weather: Icing, forg, IFR conditions
- I.2.E.8** Utilization of the airspace can be increased.
I.2.E.9 It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
1000 square miles; surface to 500 ft.

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I.2.E.11 90.00 percent of the airspace is usable.

Commercial Aviation Impact

I.2.E.12 The base is joint-use (military/civilian).

I.2.E.13 List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
Aurora, OR	General Aviation
Cascade Locks, OR	General Aviation
Clackamas Heights, OR	Civilian
Clark Co., WA	General Aviation
Country Squire, OR	General Aviation
Dietz, OR	Civilian
Evergreen, WA	General Aviation
Gobeen, WA	General Aviation
Green Mountain, OR	Civilian
Grove, WA	General Aviation
Hanel, OR	Civilian
Happy Valley, OR	General Aviation
Harchenko, OR	Civilian
Hood River, OR	General Aviation
Independence State, OR	General Aviation
Kelso Kelso Longview, WA	General Aviation
McMinnville, OR	General Aviation
McNary Field, OR	General Aviation
Parkside, WA	Civilian
Pearson, WA	General Aviation
Portland-Hillsboro, OR	Commercial
Portland-Mulino, OR	General Aviation
Portland-Troutdale, OR	Commercial
Scappose, OR	General Aviation
Skydive, OR	General Aviation
Sportsman, OR	General Aviation
Starks, OR	General Aviation
Tillamook, OR	General Aviation

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Valley View, OR
Woodland State, WA
Woodland, State, WA

General Aviation
General Aviation
General Aviation

I.2.E.14 **Civilian/commercial operators or other airspace users constrain or limit operations:**

I.2.E.14.a **Description of impacts:** As a tenant on an international airport, we schedule flying operations around peak commercial arrival/departure periods to avoid delays.

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F. Potential for Growth in Training Airspace (Area)

- I.2.F.1** Expansion of training airspace is possible.
- I.2.F.1.a** Estimated expansion potential is 100.0 percent. Rationale for estimate:
Proposed Juniper Low MOA, 300 ft AGL to 10999 ft MSL, will exist beneath Juniper North/South MOA, 10000 ft MSL to 17999 ft MSL
- I.2.F.2** Current access will remain the same.
- I.2.F.3** No reductions in training airspace are expected.
- I.2.F.4** Current special use airspace and training areas meet all training requirements.
- I.2.F.4.a** Deployed, off-station training is not required to meet training requirements.

G. Composite / Integrated Force Training

- I.2.G.1** Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:
FORT LEWIS
89 NM from the base.
- I.2.G.2** DELETED
- I.2.G.3** Nearest Naval unit where joint training can be accomplished:
NAS Whitby Is, WA
166 mi from the base.
- I.2.G.4** Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:
McChord AFB WA
93 mi from the base.
- I.2.G.5** DELETED

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

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I. Technical Training (Air Education and Training Command)

I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / 1/2 mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
98.4	97.7	91.2	82.1	81.2

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 96.8 percent of the time

I.2.J.2.b Is at or below 25 knots 99.2 percent of the time

I.2.J.3 9 Days have freezing participation (mean per year).

1995 AIR FORCE BASE QUESTIONNAIRE

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Section II

1. Installation Capacity & Condition

A. Land

	Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
II.1.A.1	CAMP RILEA	GSU	11		11
II.1.A.2	COOS HEAD	GSU	43	20	23
II.1.A.3	PORTLAND IAP ANG	MAIN BASE	246	167	79
TOTALS:			300	187	113

B. Facilities

II.1.B.1 From real property records:

	Facility Category Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	(C) Excess Capacity
II.1.B.1.a.i	121-122	Hydrant Fueling System Pits	EA	N/A		0.0	0.0	100.0	0
II.1.B.1.a.ii	121-122a	Consolidated Aircraft Support System	EA	N/A		100.0	0.0	0.0	0
II.1.B.1.b	131	Communications-Buildings	SF	N/A	6,012	100.0	0.0	0.0	N/A
II.1.B.1.c	141	Operations-Buildings	SF	N/A	66,554	100.0	0.0	0.0	N/A
II.1.B.1.c.i	141-232	Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	141-753	Squadron Operations	SF	43,100	40,731	100.0	0.0	0.0	0
II.1.B.1.c.iii	141-782	Air Freight Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.iv	141-784	Air Passenger Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.v	141-785	Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	171	Training Buildings	SF	N/A	128,816	75.0	25.0	0.0	N/A
II.1.B.1.d.i	171-211	Flight Training	SF	0	0		0.0	0.0	0
II.1.B.1.d.ii	171-211a	Combat Crew Trng Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	171-212	Flight Simulator Training (High Bay)	SF	5,291	5,026	100.0	0.0	0.0	0
II.1.B.1.d.iv	171-212a	Companion Trng Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	171-618	Field Training Facility	SF	0	0		0.0	0.0	0
II.1.B.1.e	211	Maintenance Aircraft	SF	N/A	195,239	100.0	0.0	0.0	N/A
II.1.B.1.e.i	211-111	Maintenance Hanger	SF	40,000	68,236	100.0	0.0	0.0	28,236
II.1.B.1.e.ii	211-152	General Purpose Aircraft Maintenance	SF	37,300	47,962	100.0	0.0	0.0	10,662
II.1.B.1.e.iii	211-152a	DASH 21	SF	0	0		0.0	0.0	0
II.1.B.1.e.iv	211-153	Non-Destructive Inspection (NDI) Lab	SF	3,500	2,573	100.0	0.0	0.0	0

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II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	13,350	14,181	100.0	0.0	0.0	831
II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	24,400	22,831	100.0	0.0	0.0	0
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	0	0		0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	0	6,328	100.0	0.0	0.0	6,328
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	22,472	33,128	100.0	0.0	0.0	10,656
II.1.B.1.e.xiii	211-183	Test Cell	SF	0	0		0.0	0.0	0
II.1.B.1.f	212	Maint Guided Missiles	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build Up) Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g	214	Maintenance Automotive	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	13,034	24,008	100.0	0.0	0.0	10,974
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	1,700	2,410	100.0	0.0	0.0	710
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	12,900	10,902	100.0	0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	11,500	13,920	100.0	0.0	0.0	2,420
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	19,679	100.0	0.0	0.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	14,900	19,679	100.0	0.0	0.0	4,779
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	0	0		0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	8,200	11,930	100.0	0.0	0.0	3,730
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	7,500	9,595	100.0	0.0	0.0	2,095
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	0	0		0.0	0.0	0
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	55,006	90.0	10.0	0.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	15,000	15,000	100.0	0.0	0.0	0
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	17,040	100.0	0.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	0	0		0.0	0.0	0

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II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	0	0		0.0	0.0	0
II.1.B.1.t.iii	422-264	Igloo Magazine	SF	8,600	6,209	100.0	0.0	0.0	0
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	0	0		0.0	0.0	0
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	0	0		0.0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	130,004	65.0	0.0	35.0	N/A
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	0	0		0.0	0.0	0
II.1.B.1.v.ii	442-258	LOX Storage	GA	0	0		0.0	0.0	0
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	75,240	126,252	65.0	0.0	35.0	51,012
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	0	0		0.0	0.0	0
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	0	0		0.0	0.0	0
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	12,404	100.0	0.0	0.0	N/A
II.1.B.1.x	530	Medical Laboratories	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.y	540	Dental Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	45,022	76.0	24.0	0.0	N/A
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	0	0		0.0	0.0	0
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0		0.0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	59	100.0	0.0	0.0	N/A
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	0	0		0.0	0.0	0
II.1.B.1.cc	722	Dining Hall	SF	N/A	12,371	100.0	0.0	0.0	N/A
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	0	0		0.0	0.0	0
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	0		0.0	0.0	N/A
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	14,699	80.0	20.0	0.0	N/A
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	31,013	85.0	15.0	0.0	N/A
II.1.B.1.gg	852-273	Acft Support Equipment Storage	SY	0	0		0.0	0.0	0

Notes for specific Cat Codes:

II.1.B.1.c.i	141-232	939TH AFRES (TENANT)
II.1.B.1.e.i	211-111	HANGER 255, IS BEING REMODLED, NEW CONDITION CODE 1
II.1.B.1.j.i	217-712	5617 SF OF NOTED EXCESS ARE AT COOS HEAD, COND CODE 2
II.1.B.1.s.i	411-135	NEW FACILITY, NOT ON REAL PROPERTY RECORDS
II.1.B.1.v.iii	442-758	43712 SF ARE WWII BUILDINGS PROGRAMED FOR DEMOLITION
II.1.B.1.bb	721	AT COOS HEAD ONLY

II.1.B.2 From in-house survey:

Facility	Percentage	Percentage	Percentage

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	Category Code	Category Description	Units of Measure	Current Capacity	(%) Cond Code 1	(%) Cond Code 2	(%) Cond Code 3
II.1.B.1.a	111	Aircraft Pavement-Runway(s)	SY	7,115	100.0	0.0	0.0
II.1.B.1.b	112	Airfield Pavements-Taxiways	SY	7,115	100.0	0.0	0.0
II.1.B.1.c	113	Airfield Pavement-Apron(s)	SY	157,840	100.0	0.0	0.0
II.1.B.1.d	116-662	Dangerous Cargo Pad	SY	0			
II.1.B.1.e	812	Elec Power-Trans & Distr Lines	LF	40,015	100.0	0.0	0.0
II.1.B.1.f	822	Heat-Trans & Distr Lines	LF	0			
II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	25,150	100.0	0.0	0.0
II.1.B.1.h	842	Water Distr Sys Potable	LF	44,610	100.0	0.0	0.0
II.1.B.1.i	843	Water Fire Protection (Mains)	LF	1,790	100.0	0.0	0.0
II.1.B.1.j	851	Roads	SY	104,017	100.0	0.0	0.0
II.1.B.1.k	852	Veh/Equip Parking	SY	132,050	100.0	0.0	0.0

Notes for specific Cat Codes:

II.1.B.1.j	851 MCP, SITE IMPROVEMENTS 1 IS UNDER CONSTRUCTION & SITE IMPROVEMENTS 2 IS AUTHORIZED: COND CODE 1
II.1.B.1.k	852 MCP, SITE IMPROVEMENTS 1 IS UNDER CONSTRUCTION & SITE IMPROVEMENTS 2 IS AUTHORIZED: COND CODE 1

2. Airfield Characteristics

II.2 Runway Table:

Primary Designation		Dimensions:		Cross Runway	Aircraft Arresting Systems (II.2.I)	
		Length	Width		Number	Types
20	Secondary	7000 ft	150 ft	Yes	None	
28R	Secondary	8000 ft	150 ft	No		
10R	Primary	11000 ft	150 ft	No	2	B.A.K. 12/14

- II.2.A There are 3 active runways.
- II.2.A.1 There are 1 cross (30 degrees from primary) runways.
- II.2.B There are 1 parallel runways (excluding main runway).
- II.2.C Dimensions of the primary runway (10R).
- II.2.C.1 Length: 11,000 ft
- II.2.C.2 Width: 150 ft
- II.2.D Dimensions of all secondary runways are in the runway table.

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II.2.E The primary taxiway is 75 ft wide.

II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency (AFCESA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

Procedures in AFM 88-24 were used to perform calculations for this section.

	Aircraft Group	Criteria	Primary Pavements				
			Runways	Taxiways	Aprons		
II.2.F.1	Fighter	F-15	61 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.2	Fighter	F-16C/D	37 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.3	Bomber	B-52	450 Kips	15,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.4	Bomber	B-1B	450 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.5	Tanker	KC-135R	320 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.6	Tanker	KC-10	550 Kips	15,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.7	Airlift	C-5B	800 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.8	Airlift	C-141	325 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now

II.2.G Excess aircraft parking capacity for operational use.

II.2.G.1 The total usable apron space for aircraft parking is 157,840 Sq Yds.

II.2.G.2 Permanently assigned aircraft currently require 145,790 Sq Yds of parking space.

II.2.G.3 0 Sq Yds of parking space is available for parking additional non-transient aircraft.

II.2.G.4 The following factors limit aircraft parking capability:

PROFESSIONAL JUDGEMENT AND QD REQUIREMENTS. lack of aircraft ramp space requires constant shuffling of assigned aircraft to meet official business transient aircraft parking requirements (DD Form 1391).

II.2.H The dimensions of the (largest) transient parking area:

II.2.I Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)

II.2.J There are No critical features relative to the airfield pavement system that limit its capacity:

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	1.0 MG/D	MG/D - million gallons per day	9 %
II.3.A.2 Sewage:	0.75 MG/D		15 %
II.3.A.3 Electrical distribution:	4.07 MW	MW - million watts	26 %
II.3.A.4 Natural Gas:	1.00 MCF/D	MCF/D - million cubic feet per day	49 %
II.3.A.5 High temperature water/steam generation/distribution:		- MBTUH - million British thermal units per hour	0 %

II.3.B Characteristics regarding the utility system that should be considered:

NONE

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1 Facility number: 255 Hanger

Current Use: F-15A, HEIGHT IS LIMITED BY DOOR, MCP REMODEL

II.4.A.2 Size (SF): 63,572 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-15

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	130 ft	32 ft	
II.4.A.6 Largest unobstructed space inside the facility:	140 ft	32 ft	166 ft

II.4.A.1 Facility number: 310 Hanger

Current Use: HC-130, HEIGHT IS LIMITED BY DOOR

II.4.A.2 Size (SF): 26,266 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	166 ft	46 ft	
II.4.A.6 Largest unobstructed space inside the facility:	166 ft	46 ft	100 ft

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II.4.A.1 Facility number: 375 Hanger
 Current Use: HC-130 HEIGHT IS LIMITED BY DOOR

II.4.A.2 Size (SF): 24,461 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	166 ft	46 ft	
II.4.A.6	Largest unobstructed space inside the facility:	166 ft	46 ft	100 ft

II.4.A.1 Facility number: 380 Hanger
 Current Use: UH-60, HEIGHT IS LIMITED BY DOOR

II.4.A.2 Size (SF): 24,240 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: MH-60

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	120 ft	24 ft	
II.4.A.6	Largest unobstructed space inside the facility:	150 ft	24 ft	120 ft

5. Unique Facilities

II.5.A There are No unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed.

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 1 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is MHE

III.1.A.1.b Current MHE: One 25k IK loader, three 463L forklifts, and one 4k tug.

III.1.A.2 4 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:				Remarks:
	Can land	Can taxi	Can park	Can refuel	
747	Can land	Can taxi	Can park	Can refuel	
C-5	Can land	Can taxi	Can park	Can refuel	
KC-10	Can land	Can taxi	Can park	Can refuel	

III.1.C The base does Not have an operational fuel hydrant system.

III.1.D The base bulk storage facility is Not serviced by a pipeline.

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III.1.D.3 513,168 gallons.

Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP).
Storage for others is excluded.

III.1.D.4 Other receipt modes available: Tank truck

Number of offload headers: 2

2 tank trucks can be simultaneously offloaded

Tank cars can Not be offloaded.

III.1.D.5 4 refueling unit fillstands are available.

III.1.D.5.a 4 refuelers can be filled simultaneously.

III.1.D.6 Current dispensing capabilities as defined in AFR 144-1

sustained:	15240
maximum:	15240

III.1.D.7 The base is directly supported by an intermediate Defense Fuels Supply Point (DFSP).

III.1.D.7.a Supporting DFSP: DFSP-FISC, Manchester Fuel Department, Manchester WA 98353

III.1.E Cat 1.1 and 1.2 munitions storage requirements and capacity.

III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:

Square footage available (including physical capacity limit):

III.1.E.2 Normal installation mission storage requirement:

	Cat 1.1	Cat 1.2
Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:	4505	1115
Square footage available (including physical capacity limit):	22070	4249
Normal installation mission storage requirement:	4505	1115

Physical Limits for Cat 1.2 Munitions:

Limited only to physical space

III.1.F The base does not have a dedicated hot cargo pad.

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III.1.G Proximity (within 150 NM) to mobilization elements.

III.1.G.1 The base is proximate to a ground force installation.

Active ground force installations within 150 NM:

FORT LEWIS	89 NM
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III.1.G.2 The base is proximate to a railhead.

Railheads within 150 NM:

Bangor	125 NM
Bremerton	119 NM
Lakeview - Mobase	94 NM
Seattle	121 NM
Tacoma - Fort Lewis	100 NM

III.1.G.3 The base is over 150 NM from a port.

III.1.H The base does Not have a dedicated passenger terminal.

III.1.I The base does not have a dedicated deployment facility capable of handling DoD standardized cargo pallets.

III.1.J The base medical treatment facility does Not routinely receive referral patients.

III.1.K No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

III.1.L The base medical facility performs No unique missions.

Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

III.1.M Base medical facilities have No facilities projects planned to begin before to 1999.

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Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.

III.1.N Base facilities have No excess storage capacity.

III.1.N.1 Base facilities have a total covered storage capacity of 78,778 sq ft.

III.1.N.2 Breakout of the total covered storage capacity:

Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store):	44,591 sq ft
Mobility storage:	19,980 sq ft
War Readiness Support Kits (WRSK) storage:	14,207 sq ft

III.1.O 170 light military vehicles are on base.

III.1.P 252 heavy military and special vehicles are on base.

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Section IV

1. Base Budget

IV.1 Non-payroll portion of the base budget for prior years:

IV.1.A	xxx56	Environmental Compliance				FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation 3840	Direct 0.00 \$sK	Reimbursable 0.00 \$sK	0.00 \$sK				
	FY-92	Appropriation 3840	Direct 195.53 \$sK	Reimbursable 0.00 \$sK		195.53 \$sK			
	FY-93	Appropriation 3840	Direct 177.98 \$sK	Reimbursable 0.00 \$sK			177.98 \$sK		
	FY-94	Appropriation 3840	Direct 133,420.00 \$sK	Reimbursable 0.00 \$sK					133,420.00 \$sK
		xxx56 TOTALS:				0.00 \$sK	195.53 \$sK	177.98 \$sK	133,420.00 \$sK
IV.1.B	xxx76	Real Property Maintenance A				FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation 3840	Direct 684.25 \$sK	Reimbursable 0.00 \$sK	684.25 \$sK				
	FY-92	Appropriation 3840	Direct 593.36 \$sK	Reimbursable 0.00 \$sK		593.36 \$sK			
	FY-93	Appropriation 3840	Direct 88.07 \$sK	Reimbursable 0.07 \$sK			88.15 \$sK		
	FY-94	Appropriation 3840	Direct 49.90 \$sK	Reimbursable 0.00 \$sK					49.90 \$sK
		xxx76 TOTALS:				684.25 \$sK	593.36 \$sK	88.15 \$sK	49.90 \$sK
IV.1.C	xxx78	Real Property Maintenance S				FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation 3840	Direct 212.79 \$sK	Reimbursable 0.00 \$sK	212.79 \$sK				
	FY-93	Appropriation 3840	Direct 20.16 \$sK	Reimbursable 0.37 \$sK				20.53 \$sK	
	FY-94	Appropriation 3840	Direct 255.90 \$sK	Reimbursable 0.18 \$sK					256.09 \$sK
		xxx78 TOTALS:				212.79 \$sK		20.53 \$sK	256.09 \$sK
IV.1.D	xxx90	Audio Visual				FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation 3840	Direct 0.00 \$sK	Reimbursable 0.00 \$sK	0.00 \$sK				
	FY-92	Appropriation	Direct	Reimbursable					

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		3840	0.00 \$sK	0.00 \$sK		0.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK			0.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK				0.00 \$sK
			xxx90 TOTALS:		0.00 \$sK	0.00 \$sK	0.00 \$sK	0.00 \$sK
IV.1.E	xxx95	Communications			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3840	917.76 \$sK	4.13 \$sK	921.89 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3840	816.36 \$sK	46.41 \$sK		862.76 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3840	1,095.34 \$sK	44.21 \$sK			1,139.56 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3840	420.02 \$sK	34.63 \$sK				454.66 \$sK
			xxx95 TOTALS:		921.89 \$sK	862.76 \$sK	1,139.56 \$sK	454.66 \$sK
IV.1.F	xxx96	Base Operating Support			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3840	6,196.19 \$sK	691.49 \$sK	6,887.69 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3840	5,526.65 \$sK	646.84 \$sK		6,173.49 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3840	5,833.65 \$sK	711.10 \$sK			6,544.75 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3840	3,502.25 \$sK	277.53 \$sK				3,779.78 \$sK
			xxx96 TOTALS:		6,887.69 \$sK	6,173.49 \$sK	6,544.75 \$sK	3,779.78 \$sK
IV.1.G	MFH	Military Family Housing			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK	0.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK		0.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK			0.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK				0.00 \$sK
			MFH TOTALS:		0.00 \$sK	0.00 \$sK	0.00 \$sK	0.00 \$sK

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2. Relocation Costs

IV.2 -Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:

IV.2.A Estimate to **TEARDOWN** the equipment and prepare it for movement, **MOVE** this equipment 1000 miles, and **SETUP** this equipment at a new location.

	Piece of equipment.	Teardown Costs	Move Costs	Setup Costs	Total Costs
IV.2.A.1	Flight Simulator	\$ 200.00 K	\$ 0.00 K	\$ 1,080.00 K	\$ 1,280.00 K
IV.2.A.2	Hush House	\$ 600.00 K	\$ 0.00 K	\$ 810.00 K	\$ 1,410.00 K
IV.2.A.3	Transportation	\$ 0.00 K	\$ 7.14 K	\$ 0.00 K	\$ 7.14 K
Total relocation costs:					\$ 2,690.00 K

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Section IV/V Level Playingfield COBRA Data

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Section VI Economic Impact

Economic Area Statistics:

Portland Vancouver, OR-WA PMSA

Total population: 1,303,000 (FY 92)

Total employment: 813,415 (FY 93)

Unemployment Rates (FY93/3 Year Average/10 Year Average)

5.9% / 5.7% / 5.8%

Average annual job growth: 16,884

Average annual per capita income: \$21,160

Average annual increase in per capita income: \$5.3%

Projected economic impact:

Direct Job Loss:	744	
Indirect Job Loss:	453	
Closure Impact:	1,197	(0.1% of employment total)
Other BRAC Losses:	0	
Cumulative Impact:	1,197	(0.1% of employment total)

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Section VII

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Section VIII

1. Air Quality - Clean Air Act

VIII.1.A Air Quality Management District for the base: Department of Environmental Quality (DEQ)

VIII.1.B The base is located within a maintenance or non-attainment area for specific pollutants.

VIII.1.B.1

VIII.1.B.2 Non-attainment area regulated pollutant(s) and severity:

Carbon Monoxide	Moderate
Ozone	Marginal

VIII.1.C There are NO critical air quality regions within 100 kilometers of the base
(Critical air quality regions are non-attainment areas, national parks, etc.)

VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.

(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)

VIII.1.D.1 The base has NOT been required to implement emissions reduction through special actions
(i.e. carpooling or emissions credit transfer)

VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:

VIII.E.1 Aerospace Ground Equipment (AGE):

E.1.a No state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.

E.1.b No state or local air quality regulatory agency Requires permits for such units.

E.1.c No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.

E.1.d No state or local air quality regulatory agency Requires retrofit controls for AGE.

VIII.E.2 Infrastructure Maintenance / Public Works

E.2.a No state or local air quality regulatory agency Regulates or conditionally exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).

E.2.b No state or local air quality regulatory agency Limits the hours of these activities.

E.2.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.

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E.2.d No state or local air quality regulatory agency Requires emission offsets for these activities.

VIII.E.3 Open Burn/Open Detonation

E.3.a No state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training

E.3.b No state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.

E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.

E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.

E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

E.6.a No state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.

E.6.b No state or local air quality regulatory agency Limits the hours of emergency operation of generators.

E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergency generators.

E.6.d No state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.

E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

E.7.a No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).

E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.

E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.

E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

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- VIII.2.A** The base potable water supply is Local Community and the source is:
Municipal Supply drawn from city wells and city reservoirs
- VIII.2.B** There are constraints to the base water supply. Type constraints include:
Quality constraints

Seasonal Shortages
- VIII.2.C** The base potable water supply does not constrain operations
(Contaminants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

- VIII.3.A** Base or local community groundwater is contaminated.
- VIII.3.A.1** Nature of contamination. Methylene Chloride, Lead, Trichloroethene, bis(2-ethylhexyl) phthalate, Cadmium, 1,2-DICHLORAETHANE.
- VIII.3.A.2** The contaminated groundwater is Not a potable water source.
- VIII.3.B** The base is Not actively involved in groundwater remediation activities.
- VIII.3.C** No water wells exist on the base.
- VIII.3.D** No wells have been abandoned.

4. Water - Surface Water

- VIII.4.A** The following perennial bodies of water are located on base.
- | | | |
|-------------------|----------------|-------------------|
| VIII.4.A.1 | Location | Surface area size |
| | Drainage canal | 0.64 Acres |
- VIII.4.A.2** These bodies receive water runoff or treated wastewater discharge from the base.
- VIII.4.A.3** The base is located within a specified drainage basin.
- The base is involved in cooperative agreements regarding surface water quality
Agreements concern restoration and protection of water quality and associated living resources (e.g., Chesapeake Bay Program)?
- VIII.4.B** Special permits are required as follows:
Storm water permit issued by the State of Oregon for daily operations and for construction.
(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

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VIII.4.C There is No known contamination to the base or local community surface water

5. Wastewater

VIII.5.A City of Portland Base wastewater is treated by treatment plant facilities.

VIII.5.C There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

VIII.6.A Describe the National Pollutant Elimination System permits in effect:

Regulates base operations by establishing Maximum Contaminant Levels at discharge points across our property line through permit type 1200-T.

VIII.6.B The base currently discharges treated wastewater OFF-Base. Description of treated wastewater discharge location:
City of Portland wastewater treatment plant

VIII.6.C The base has No discharge impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 83.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 12.0 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 2 facilities are considered regulated areas or have restricted use due to friable asbestos.

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8. Biological - Habitat

- VIII.8.A** There are No ecological or wildlife management areas ON the base. There are No ecological or wildlife management areas ADJACENT TO the base.
- VIII.8.A.1** Natural areas on or adjacent to the base are generally recognized as important ecological sites.
Columbia Slough Watershed
- VIII.8.B** No critical/sensitive habitats have been identified on base .
- VIII.8.C** The base does not have a cooperative agreement for conducting a hunting and fishing program.
Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.
- VIII.8.D** The presence of these resources does not constrain CURRENT construction activities/operations.
The presence of these resources does not constrain FUTURE construction activities/operations.

9. Biological - Threatened and Endangered Species

- VIII.9.A** There are No Threatened or endangered species identified on the base.
- VIII.9.B** There are No Special Concern species identified on the base.

10. Biological - Wetlands

- VIII.10.A** There are No wetlands, estuaries, or other special aquatic features present on the base.
- VIII.10.A.2** The base is Not involved in jointly-managed programs for protection of these resources.
- VIII.10.B** The base has Not been surveyed for wetlands in accordance with established federally approved guidelines.
- VIII.10.C** Part of the base is located in a 100-year floodplain.

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VIII.10.D The presence of these resources does Not constrain current or future construction activities or operations.

11. Biological - Floodplains

VIII.11.A Floodplains are present on the base.

VIII.11.A.1 Floodplains do Not constrain construction (siting) activities or operations.

VIII.11.A.2 Periodic flooding does Not constrain base operations.

12. Cultural

VIII.12.A Historic, prehistoric, archaeological sites or other cultural resources located on the base:

VIII.12.A.1 Sites:

Significant status:

Bldg 495

Historic Landmark Status Eligible

Bldgs 1001, 1002, 1004, 1005, 1131,

Major Register Status Eligible

1213, 1215

VIII.12.B 30 percent of the buildings on base are over 50 years old.

VIII.12.C No Historic Landmark/Districts, or NRHP properties are located on base.

VIII.12.C.1 Some properties have been determined to be or may be eligible for the NRHP.

VIII.12.C.2 Buildings and structures have not been surveyed for Cold War or other historical significance.

VIII.12.D The base has Not been archeologically surveyed.

VIII.12.D.1 Not Applicable.

VIII.12.D.2 No archeological sites have been found.

VIII.12.D.3 No archeological collections are housed on base.

VIII.12.D.4 No Native Americans or others use/identified sacred areas or burial sites on or near base.

VIII.12.E The base has no agreements with historic preservation agencies.

Agreements include Programmatic Agreements and Memorandum of Agreements.

Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 10 IRP sites have been identified

VIII.13.A.2 1 IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 2000

VIII.13.B The installation is a National Priority List (NPL) site or has been proposed as an NPL site.

VIII.13.C There are no existing Federal Agency Agreements to clean up the base.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There are no known uncontrolled or unregulated occurrences of specific contaminate types or sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E No sites or SWMUs are currently being investigated and remediated pursuant to the RCRA.

SWMU - Solid Waste Management Units
RCRA - Resource Conservation and Recovery Act

VIII.13.F The IRP does Not currently restrict construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
Other(s) Specify: Spill Response Training/Sup.	\$20.000 K	\$20.000 K	\$25.000 K	\$25.000 K	\$25.000 K
Hazardous Waste Disposal/Remediation	\$35.000 K	\$35.000 K	\$35.000 K	\$30.000 K	\$25.000 K
IRP	\$300.000 K	\$1,357.000 K	\$800.000 K	\$850.000 K	\$75.000 K
Natural Resources	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
Other(s) Specify: Spill Plan Recert.	\$10.000 K			\$10.000 K	
Other(s) Specify: Inspect Wastewater Pretreatment	\$10.000 K	\$10.000 K	\$10.000 K	\$10.000 K	\$10.000 K
Other(s) Specify: Stormwater Monitoring	\$5.000 K	\$6.000 K	\$6.000 K	\$7.000 K	\$7.000 K
Permits	\$4.800 K	\$4.300 K	\$4.300 K	\$4.300 K	\$4.300 K

15. Other Issues

VIII.15.A There are no additional activities which may constrain or enhance base operations.

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16. Air Quality - Clean Air Act

VIII.16.A Air Quality Control Area (AQCA) geographic region in which the base is located:
Department of Environmental Quality

VIII.16.B Air quality regulatory agency responsible for the AQCA: Department of Environmental Quality

VIII.16.B Name and phone number of the AQCA program manager for issues pertaining to the base:
Monica Russell (503) 229-5713

The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:

VIII.16.C.1 In Non-Attainment for Ozone

VIII.16.C.2 In Non-Attainment for Carbon Monoxide

VIII.16.C.3 In Attainment for Particulate matter (PM-10)

VIII.16.C.4 In Attainment for Sulfur Dioxide

VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx)

VIII.16.C.6 In Attainment for Lead

VIII.16.C.7 The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT

VIII.16.D.1 Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located: 0.11 ppm

VIII.16.D.2 Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located: 10.0 ppm

VIII.16.D.3 Ozone Design value is 91.7% of NAAQS

VIII.16.D.4 Carbon monoxide Design value is 111.1% of NAAQS

VIII.16.E.1 The EPA-designated severity of nonattainment for OZONE is Marginal

VIII.16.E.2 Department of Environmental Quality

VIII.16.E.3 Multi-state ozone transport region for the base: Portland/Vancouver AQMA

VIII.16.E.4 The base is Not in a rural transport area

VIII.16.E.5 The EPA has Not proposed that the AQCA severity of nonattainment for OZONE be redesignated

VIII.16.F.1 The EPA has not requested an extension to the ozone attainment deadline

VIII.16.F.2 The AQCA expects EPA to conclude that the AQCA has fulfilled the 15 Nov 93 attainment date

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VIII.16.F.3 The AQCA does Not expect the EPA to redesignate the area to a worse classification of ozone nonattainment

VIII.16.F.3a

VIII.16.H The EPA-designated severity of nonattainment for Carbon monoxide is MODERATE

VIII.16.I The AQCA's Carbon monoxide plan contains No quantitative measures for military aircraft.
Measures include quantitative limits, projections, restrictions, or emissions budgets.

VIII.16.J The AQCA does not have VMT forecasts or they can not be obtained.

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Section IX

ARC Installations and Bases with ARC Units

IX.1 Regularly used ground training facilities are off base.

IX.1.A The following facilities are over 1 hour travel time from the base:

IX.1.B Facilities:

IX.1.B.1 Camp Rilea, Warrenton, OR

IX.1.B.2 McChord AFB, WA

Estimated travel time.
3 hrs
2 hrs, 30 min

IX.2 Flying units supporting Aeromed/Arial ports do Not accomplish training locally.

IX.2.A All non-local training is available within 1 hour travel time.

IX.3 Available dormitory space will house 0.0 percent of the population requiring billets

IX.3.A 6.2 percent of the reservists/guardsmen require billeting during drill weekends.

IX.3.B 100.0 percent drill billeting requirements are met with commercial billeting establishments.

IX.4 Adequate dining facilities are Not available.

Description of shortages: Shortages are the capacity of the dining area and food preparation facilities.

and workarounds used: Work arounds include shifting of personnel for meal service and scheduling ANG and AFRES to not drill on the same weekend which alleviates congestion and minimizes the time required to eat.

IX.5 A physical fitness center is available.

The fitness center is inadequate for the following reasons:

A small weight and training facility is located in the Base Recreation Center. The weight room itself is adequate, but the facility lacks locker rooms and showers, which makes it, as a whole, inadequate.

IX.6 A consolidated club is available.

The consolidated club is adequate, remarks follow:

IX.7 Ninety percent of the unit's population

Is within 90 min travel time from the base.

Lives within 60 miles of the base.

IX.8 24.8 Percent of the recruiting areas's population is in the recruitable range.

IX.9 1,642,000 is the total population of the recruiting area.

IX.10

IX.11 Authorization data over the last 5 years is not available.

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- IX.12** There are a total of 6 other reserve components in the local recruiting area:
Air Force Reserve, Army Reserve, Marine Corps Reserve, Naval Reserve, Coast Guard Reserve, Army National Guard
- IX.13** The current total reserve component population is 2.10 percent of the recruitable age range.
- IX.14** 91.8 percent is the average AFRES/ANG personnel retention rate.

Retention rate uses data from the last 2 fiscal years. One time events which may have caused abnormalities include unit moves and/or weapons system conversions.

- IX.15** Unit reservist/guardsman participated in 18.3 (ave) title 10 and/or title 32 active duty days beyond Annual Tours and Drill periods for FY92-3, and FY94 (est)

- IX.16** Other government aviation units are collocated on the airfield. Base operating support is provided as follows:

IX.16.A	POL:	Host Unit	<i>Definitions:</i>	
IX.16.B	Security:	Host Unit	<i>Host Unit</i>	<i>At least 75% provided by the installation host</i>
IX.16.C	Base Supply:	Host Unit	<i>Tenant Unit</i>	<i>At least 75% provided by collocated tenant unit</i>
IX.16.D	Tower/ATC:	Civil	<i>Separate</i>	<i>At least 75% provided internally by each collocated unit</i>
IX.16.E	Base CE:	Host Unit	<i>Joint facilities</i>	<i>More than 25% provided in a shared arrangement between collocated DOD units</i>
			<i>Civil</i>	<i>All support provided through contract or civilian airport authority</i>

Document Separator

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Randolph AFB - AETC

Section I

1. Force Structure

I.1.A List of all on base NAF and non-Air Force activities:

	Unit or Activity:	Personnel Authorizations for FY93/4			
		Officer	Enlisted	Civilian	Total
I.1.A.1	12 Svs NAF	-	-	468	468
I.1.A.2	AAFES	-	-	316	316
I.1.A.3	AFMPC (Navy)	-	9	-	9
I.1.A.4	DFAS	-	18	39	57
I.1.A.5	Def Commissary Agency	-	-	133	133
I.1.A.6	Dependent Schools	-	-	157	157
I.1.A.7	Eisenhower National Bank	-	-	11	11
I.1.A.8	NASA	31	-	-	31
I.1.A.9	Randolph Brooks Federal Credit Union	-	-	109	109
I.1.A.10	Red Cross	-	-	10	10
I.1.A.11	US Postal Service	-	-	2	2
TOTAL:					1303

I.1.B Remote/Geographically Separated Units receiving more than 50% of Base Operational Support from the base:

- I.1.B.1 **Supported Unit:** AF MWRS GSU **GSU - Geographically Separated Unit**
Location: San Antonio, TX **REM - Remote Unit**
Support provided: MOU; CHAPLAIN, COMD, FAC OPS MX/RPR/CONSTRUCTION, DP, ENVIRONMENTAL, FIRE PRO, LIBRARY, MWR, POLICE, SAFETY, TRANS, OTHER.
- I.1.B.2 **Supported Unit:** AFROTC Baylor GSU **GSU - Geographically Separated Unit**
Location: Baylor University, Waco TX. **REM - Remote Unit**
Support provided: MOU; COMD, POLICE, SAFETY, ADMIN, A/V, CLUB, COMM, EDU, EQUIP OMR, FINANCE, MED, SUPPLY, LEGAL, PERSONNEL, CONTRACTING, TRANS, OTHER.
- I.1.B.3 **Supported Unit:** AFROTC Texas A&M GSU **GSU - Geographically Separated Unit**
Location: Texas A&M, College Station TX. **REM - Remote Unit**
Support provided: MOU; COMD, POLICE, SAFETY, ADMIN, A/V, CLUB, COMM, EDU, EQUIP OMR, FINANCE, SUPPLY, LEGAL, PERSONNEL, CONTRACTING, TRANS, OTHER.

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- I.1.B.4 **Supported Unit:** AFROTC UT Austin GSU **GSU - Geographically Separated Unit**
Location: University of Texas, Austin TX **REM - Remote Unit**
Support provided: MOU; COMD,POLICE,SAFETY,ADMIN,A/V,CLUB,COMM,EDU,EQUIP
OMR,FINANCE,MED,SUPPLY,LEGAL,PERSONNEL,CONTRACTING,TRANS,OTHER.
- I.1.B.5 **Supported Unit:** Computer Services Center GSU **GSU - Geographically Separated Unit**
Location: San Antonio, TX **REM - Remote Unit**
Support provided: MOU; CHAPLAIN,COMD,FAC OPS MX/RPR/CONSTRUCTION,DP,ENVIROMENTAL, FIRE
PRO,LIBRARY,MWR,POLICE,SAFETY,TRANS,OTHER.
- I.1.B.6 **Supported Unit:** JOINT MEDICAL RESERVE GSU **GSU - Geographically Separated Unit**
Location: Ft Sam Houston, San Antonio **REM - Remote Unit**
Support provided: MOU; CHAPLAIN,COMD,POLICE,SAFETY,OTHER.
- I.1.B.7 **Supported Unit:** JPPSO GSU **GSU - Geographically Separated Unit**
Location: San Antonio, TX **REM - Remote Unit**
Support provided: MOU; CHAPLAIN,COMD,FAC OPS MX/RPR/CONSTRUCTION,DP,ENVIROMENTAL, FIRE
PRO,LIBRARY,MWR,POLICE,SAFETY,TRANS,OTHER.
- I.1.B.8 **Supported Unit:** USMC Recruiting GSU **GSU - Geographically Separated Unit**
Location: San Antonio, TX **REM - Remote Unit**
Support provided: MOU, CHAPLAIN,A/V,FINANCE,HOUSING,SUPPLT,LEGAL,TRANS.

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2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

I.2.A.1 None of the base ATCALs are officially part of the NAS.

I.2.A.2 Details for specific ATC facilities:

	(A.2) ATC Summary:		(A.3) Detailed traffic counts:				
	Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	ILS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
Tower	3	148374	74	148300	N/A	N/A	N/A

I.2.A.4 The primary instrument runway is designated 14L

79284 operations were conducted this runway during calander year 1993

I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:

NONE

I.2.A.6 The base experiences ATC delays.

I.2.A.6.a Details regarding ATC delays:

Average number of delays per month (over the last 2 years): 10

The total number of sorties per month: 29171

The average length of the delays: 0:10

I.2.A.6.b There is a common rationale for the delays:

DEPARTURES ARE OCCASIONALLY DELAYED DUE TO SLOW IFR RELEASES FROM APPROACH CONTROL.

B. Geographic Location

I.2.B.1 Nearest major primary airlift customer: FORT HOOD distance 114 NM

Nearest major primary airdrop customer: FORT HOOD distance 114 NM

I.2.B.2 Distance to foward deployment Air Bases:

Lajes AB: 3566 NM

Rota AB: 4632 NM

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Hickam AFB: 3261 NM
 RAF Mildenhall: 4576 NM

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway \geq 3,000ft	MATINDALE	8
I.2.B.4	Military airfield, runway \geq 8,000ft	KELLY AFB	18
I.2.B.5	Military airfield, runway \geq 10,000ft	KELLY AFB	18
I.2.B.6	Military or civilian airfield, runway \geq 3,000ft	Martindale AAF	8
I.2.B.7	Military or civilian airfield, runway \geq 8,000ft	San Antonio Int'l	10
I.2.B.8	Military or civilian airfield, runway \geq 10,000ft	Kelly AFB	18
I.2.B.9	Civilian airfield, runway \geq 8,000ft for capable of conducting short term operations	Bergstrom ARS	50
I.2.B.10	Civilian airfield, runway \geq 10,000ft for capable of conducting short term operations	Bergstrom ARS	50
I.2.B.11	Other runways on base can be used for emergency landings.		

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 Supersonic Air Combat Training (ACBT) MOAs and warning/restricted areas, with a minimum size of 4,200 sq NM, within 300 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-228 A,B,C,D	187 NM	W-602	242 NM		

I.2.C.2 MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft, within 200 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-228 A,B,C,D	187 NM	W-228D	188 NM	W-228C	199 NM

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-228 A,B,C,D	187 NM	W-228D	188 NM	W-228C	199 NM
W-602	242 NM	W-92	425 NM	R-5107B	476 NM
W-155 A,B	567 NM	W-155B	567 NM		

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

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Area Name	Distance	Area Name	Distance	Area Name	Distance
McMULLEN	83 NM	CLAIBORNE	298 NM	FALCON	308 NM
MELROSE	401 NM	RAZORBACK	404 NM	OSCURA	465 NM
SHELBY WEST	486 NM	SHELBY EAST	492 NM	SMOKEY HILL	551 NM
CANNON	573 NM	EGLIN C52	623 NM	AIRBURST	627 NM
EGLIN C62	629 NM	GOLDWATER RANGE 3	766 NM	GOLDWATER RANGE 2	774 NM
GOLDWATER RANGE 1	776 NM	GOLDWATER RANGE 4	785 NM	GRAND BAY	789 NM

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

CLAIBORNE	298 NM
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I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

GULFPORT MDS	513 NM
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I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

CLAIBORNE	298 NM
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I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	5	10	15	36	71	112
SR	4	5	6	31	59	86
VR	11	14	18	48	85	134
Total Routes:	20	29	39	115	215	332

Identify Routes:

VR-1122 29 NM	SR-293 30 NM	VR-1105 34 NM	VR-156 34 NM	VR-1152 34 NM	IR-148 45 NM
VR-1120 46 NM	IR-149 53 NM	SR-286 58 NM	IR-123 60 NM	VR-168 62 NM	VR-143 66 NM
IR-147 76 NM	IR-142 77 NM	VR-1106 80 NM	SR-290 83 NM	SR-292 83 NM	VR-1121 83 NM
VR-1123 85 NM	VR-101 95 NM				
SR-261 114 NM	IR-136 118 NM	VR-1124 122 NM	VR-151 122 NM	IR-124 125 NM	VR-186 125 NM
IR-135 130 NM	IR-169 141 NM	IR-166 143 NM			
IR-170 161 NM	SR-270 162 NM	IR-127 173 NM	VR-187 173 NM	VR-1117 175 NM	IR-167 186 NM
VR-1110 189 NM	IR-139 191 NM	IR-180 191 NM	VR-118 192 NM		
VR-188 201 NM	SR-233 206 NM	SR-234 206 NM	SR-242 206 NM	SR-244 206 NM	SR-249 206 NM
SR-251 206 NM	SR-258 206 NM	SR-255 206 NM	SR-273 206 NM	SR-267 206 NM	SR-250 206 NM
SR-245 206 NM	SR-243 206 NM	SR-240 206 NM	SR-236 206 NM	SR-228 212 NM	SR-280 217 NM
IR-103 226 NM	IR-105 226 NM	VR-1143 232 NM	VR-106 234 NM	VR-104 236 NM	VR-162 236 NM
IR-128 238 NM	VR-158 240 NM	VR-1139 241 NM	VR-1145 245 NM	VR-1138 249 NM	VR-163 249 NM

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VR-159	260 NM	VR-1142	262 NM	VR-196	262 NM	VR-1144	263 NM	VR-1146	264 NM	VR-1116	271 NM
IR-154	277 NM	IR-129	279 NM	IR-155	281 NM	VR-1108	286 NM	VR-1109	286 NM	SR-208	307 NM
SR-217	308 NM	VR-189	320 NM	IR-130	321 NM	IR-160	322 NM	IR-161	322 NM	IR-164	333 NM
VR-1104	333 NM	VR-1196	333 NM	SR-205	338 NM	SR-296	340 NM	VR-1140	340 NM	IR-122	342 NM
IR-117	345 NM	VR-1113	345 NM	VR-1137	345 NM	VR-1128	345 NM	SR-216	348 NM	SR-206	353 NM
SR-294	354 NM	VR-1141	354 NM	SR-295	354 NM	IR-121	363 NM	VR-1103	363 NM	VR-152	375 NM
IR-172	378 NM	IR-173	378 NM	VR-114	386 NM	IR-116	388 NM	IR-144	390 NM	IR-165	390 NM
IR-178	390 NM	VR-100	396 NM	IR-171	398 NM	IR-182	398 NM				
IR-145	401 NM	SR-223	401 NM	IR-146	401 NM	SR-224	401 NM	IR-102	413 NM	IR-134	413 NM
IR-141	413 NM	IR-131	413 NM	VR-125	413 NM	IR-181	418 NM	IR-183	418 NM	IR-175	423 NM
VR-1182	423 NM	IR-133	429 NM	IR-107	432 NM	IR-113	437 NM	VR-1032	438 NM	IR-070	439 NM
IR-185	440 NM	VR-119	441 NM	IR-132	443 NM	IR-115	444 NM	SR-239	445 NM	VR-1130	445 NM
VR-1072	446 NM	VR-138	446 NM	IR-120	450 NM	VR-1102	450 NM	IR-150	450 NM	SR-030	457 NM
VR-1174	457 NM	SR-218	459 NM	SR-229	459 NM	SR-231	459 NM	SR-230	459 NM	SR-237	459 NM
SR-232	459 NM	SR-227	459 NM	SR-220	459 NM	SR-221	459 NM	SR-226	459 NM	SR-222	459 NM
SR-219	459 NM	VR-179	462 NM	VR-1546	469 NM	IR-068	476 NM	IR-503	476 NM	VR-534	477 NM
VR-535	477 NM	IR-111	480 NM	VR-532	483 NM	VR-1107	488 NM	SR-213	490 NM	VR-108	493 NM
SR-031	495 NM	VR-533	498 NM	SR-238	501 NM	VR-1022	501 NM	VR-1083	503 NM	IR-044	504 NM
IR-177	504 NM	SR-029	505 NM	VR-1195	508 NM	SR-073	511 NM	SR-214	511 NM	SR-074	511 NM
VR-1033	519 NM	IR-040	520 NM	VR-1024	520 NM	VR-1023	520 NM	VR-1021	520 NM	IR-110	520 NM
IR-037	522 NM	IR-038	524 NM	SR-137	534 NM	VR-531	534 NM	IR-091	536 NM	SR-075	540 NM
VR-1020	540 NM	VR-1031	541 NM	IR-502	542 NM	IR-504	542 NM	VR-544	549 NM	VR-536	551 NM
VR-1030	553 NM	VR-552	555 NM	VR-1574	560 NM	IR-409	564 NM	VR-1016	564 NM	SR-210	567 NM
SR-211	567 NM	VR-1014	571 NM	VR-176	572 NM	SR-212	575 NM	IR-021	589 NM	VR-1525	589 NM
IR-414	590 NM	IR-112	595 NM	IR-109	596 NM	VR-060	599 NM				
IR-078	602 NM	IR-057	607 NM	SR-106	607 NM	SR-104	607 NM	VR-1522	607 NM	IR-506	607 NM
SR-101	607 NM	SR-103	607 NM	IR-059	607 NM	VR-1082	611 NM	VR-1085	611 NM	VR-1084	611 NM
IR-126	613 NM	IR-592	616 NM	IR-524	617 NM	IR-030	626 NM	IR-031	626 NM	VR-1523	627 NM
SR-618	632 NM	SR-619	632 NM	VR-545	635 NM	IR-157	636 NM	IR-174	636 NM	IR-507	636 NM
VR-511	637 NM	IR-066	638 NM	IR-067	638 NM	VR-1050	638 NM	VR-1054	638 NM	VR-1051	638 NM
IR-505	639 NM	VR-1070	640 NM	SR-616	641 NM	SR-617	641 NM	VR-512	641 NM	IR-041	643 NM
VR-1067	643 NM	IR-063	643 NM	SR-069	647 NM	SR-071	647 NM	SR-070	647 NM	SR-072	647 NM
VR-1233	652 NM	VR-263	652 NM	VR-260	652 NM	VR-269	652 NM	VR-268	652 NM	VR-267	652 NM
VR-259	652 NM	IR-077	654 NM	VR-1056	657 NM	IR-069	658 NM	VR-412	662 NM	VR-413	662 NM
VR-541	664 NM	IR-415	671 NM	IR-527	671 NM	IR-017	672 NM	VR-1017	672 NM	SR-039	686 NM
IR-517	687 NM	VR-1520	687 NM	VR-1515	687 NM	SR-225	688 NM	SR-059	691 NM	SR-061	691 NM

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SR-062 691 NM	SR-060 691 NM	SR-038 695 NM	VR-1005 695 NM	IR-518 711 NM	VR-092 712 NM
IR-089 716 NM	VR-540 717 NM	IR-514 721 NM	VR-1052 733 NM	VR-510 734 NM	VR-615 737 NM
SR-035 743 NM	SR-040 743 NM	SR-037 743 NM	SR-036 743 NM	IR-015 746 NM	IR-032 746 NM
VR-223 753 NM	IR-320 755 NM	VR-1065 755 NM	IR-416 758 NM	VR-239 761 NM	VR-245 761 NM
SR-540 766 NM	SR-541 766 NM	SR-542 766 NM	IR-614 768 NM	VR-1635 768 NM	IR-276 771 NM
VR-1219 771 NM	VR-1220 771 NM	VR-244 771 NM	VR-246 771 NM	VR-242 771 NM	IR-500 772 NM
IR-501 772 NM	VR-231 777 NM	IR-016 782 NM	VR-1679 782 NM	VR-1521 782 NM	IR-508 786 NM
IR-509 786 NM	IR-046 788 NM	IR-002 790 NM	IR-254 791 NM	SR-102 794 NM	VR-1055 797 NM
VR-094 798 NM	IR-042 799 NM	VR-1068 799 NM			

I.2.C.9 IR-429 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 850 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
6	10	31

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance
AR-614	66 NM	AR-167 NORTH	93 NM	AR-167 SOUTH	93 NM	AR-104 WEST	149 NM
AR-113 WEST	153 NM	AR-102A EAST	186 NM				
AR-104 EAST	202 NM	AR-113 EAST	211 NM	AR-114	211 NM	AR-650	288 NM
AR-013 WEST	311 NM	AR-313 NORTH	324 NM	AR-112 EAST	358 NM	AR-108 EAST	362 NM
AR-013 EAST	363 NM	AR-313 SOUTH	371 NM	AR-615	383 NM	AR-101 NORTH	388 NM
AR-302 EAST	409 NM	AR-103	423 NM	AR-302 WEST	424 NM	AR-602	427 NM
AR-108 WEST	429 NM	AR-112 WEST	429 NM	AR-644 NORTH	432 NM	AR-312	436 NM
AR-644 SOUTH	448 NM	AR-101 SOUTH	464 NM	AR-314 WEST	475 NM	AR-646	478 NM
AR-330 EAST	485 NM						

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
2473	4460

Track	Distance	Events	Track	Distance	Events	Track	Distance	Events	Track	Distance	Events
AR-104	149 NM	123	AR-113	153 NM	27	AR-102	186 NM	10	AR-114	211 NM	566
AR-013	311 NM	329	AR-112	358 NM	360	AR-108	362 NM	140	AR-101	388 NM	217

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AR-302	409 NM	445	AR-314	475 NM	256	0	0				
AR-309	506 NM	138	AR-116	507 NM	541	AR-110	553 NM	596	AR-111	597 NM	303

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 211NM from the base."

I.2.C.10d Percentage of tanker demand in region: 19.0

Percentage of tankers based in region: 19.0

Tanker saturation within the region has been classified as tanker Balanced

I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
ANTELOPE - FT HOOD	103 NM	✓	✓	✓	1	2
ARDMORE(CIR)	294 NM	✓	✓	✓	0	0
BRUSHY	291 NM	✓	✓	✓	0	0
DEVIL	129 NM	✓	✓	✓	0	0
DEVILS RIVER	142 NM	✓	✓		0	0
EAGLE MOUNTAIN	211 NM	✓	✓	✓	0	1
FT HOOD	103 NM		✓	✓	1	2
FT SILL CIRCULA	307 NM	✓	✓	✓	2	3
GERONIMO NORTH	291 NM		✓	✓	0	0
GERONIMO SOUTH	291 NM		✓	✓	0	0
HALL	18 NM	✓	✓	✓	0	0
KAREN EAST	242 NM			✓	0	0
KAREN WEST	242 NM			✓	0	0
MARRION IMC N	191 NM	✓	✓	✓	0	14
MARRION IMC S	191 NM	✓	✓	✓	0	13
MINERAL WELLS	201 NM		✓	✓	0	2
MINERAL WLS CAT	201 NM		✓	✓	0	2
MINERAL WLS CIR	201 NM		✓	✓	0	2
MINERAL WLS SKE	201 NM		✓	✓	0	2
RAPIDO	114 NM	✓	✓	✓	0	2
ROXANNE	163 NM	✓	✓		0	0
SHARON	293 NM	✓	✓	✓	0	0
SHEILA	293 NM		✓	✓	0	0
SOUTH POLK	279 NM	✓	✓	✓	0	0

I.2.C.11.a Drop Zone Servicing Instrument and Slow Routes (IRs and SRs)

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ANTELOPE - FT HOOD	IR-139	SR-258	SR-261						
EAGLE MOUNTAIN	SR-228								
FT HOOD	IR-139	SR-258	SR-261						
FT SILL CIRCULA	IR-103	IR-105	SR-294	SR-295	SR-296				
MARRION IMC N	SR-036	SR-040	SR-233	SR-234	SR-236	SR-240	SR-242	SR-243	SR-244
	SR-245	SR-249	SR-250	SR-251	SR-255				
MARRION IMC S	SR-073	SR-233	SR-234	SR-236	SR-240	SR-242	SR-243	SR-244	SR-245
	SR-249	SR-250	SR-251	SR-255					
MINERAL WELLS	SR-228	SR-270							
MINERAL WLS CAT	SR-228	SR-270							
MINERAL WLS CIR	SR-228	SR-270							
MINERAL WLS SKE	SR-228	SR-270							
RAPIDO	SR-258	SR-261							

I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

BULLIS 19 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
HALL	18 NM	✓	✓	✓	0	0

I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM>

FORT HOOD 95 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 **The base Does not control or manage any ranges, questions I.2.D.2 to I.2.D.17 skipped.**

Ranges (Used by the base)

I.2.D.18 **The base uses ranges on a regular basis**

I.2.D.19 **The mission and training is Not adversely impacted by training area airspace encroachment or other conflicts.**

I.2.D.20 **MOAs/bombing ranges/other training areas have No scheduling restrictions/limitations.**

I.2.D.21 **MOAs/bombing ranges/other training areas have No projected scheduling restrictions/limitations.**

I.2.D.22 **No significant changes/restrictions/limitations effecting the scheduling of low level routes in progress.**

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E. Airspace Used by Base

I.2.E.1 Airspaces scheduled or managed by the base:

RND MOA 1A	MOA
RND MOA 1B	MOA
RND MOA 1C	MOA
RND MOA 2A	MOA
RND MOA 2B	MOA
SR 286	MTA
SR-290	MTA
SR-292	MTA
SR-293	MTA
VR-1152	MTA

Details for airspace scheduled or managed by the base:

Airspace: RND MOA 1A

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:
COMPLETE

I.2.E.2.b There are problems No associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) does Not define base operations.
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:

I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.

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I.2.E.6 Restrictions currently acting on this airspace:

HOURS OF OPERATION
NO SUPERSONIC FLIGHT

I.2.E.7 Published availability of the airspace:

SUNRISE TO SUNSET MONDAY THRU FRIDAY

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a Hours scheduled: 2,981 hrs

I.2.E.7.b Hours used: 2,324 hrs

I.2.E.7.c Reasons for non-use:

IN THIS CASE, " SCHEDULED HOURS" IS DEFINED AS A VAILABE HOURS THROUGHOUT THE WEEK. THESE HOURS TRANSLATE TO APPROXIMATELY 12 HOURS PER DAY, 5 DAYS A WEEK. RARELY WILL EACH HOUR BE UTILIZED.

I.2.E.8 Utilization of the airspace can Not be increased.

I.2.E.9 It is Not possible to expand either hours or volume to increase the airspace utilization.

I.2.E.10 Description of the volume or area of the Airspace:

1839 SQUARE MILES, 9000'-FL180

I.2.E.11 100.00 percent of the airspace is usable.

Airspace: RND MOA 1B

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

Complete

I.2.E.2.b There are problems No associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) does Not define base operations.

The DOPAA was Not used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

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- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** Restrictions currently acting on this airspace:
HOURS OF OPERATION
NO SUPERSONIC FLIGHT
- I.2.E.7** Published availability of the airspace:
Sunrise to sunset, Mon-Fri
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 2,986 hrs
- I.2.E.7.b** Hours used: 2,938 hrs
- I.2.E.7.c** Reasons for non-use:
IN THIS CASE, "SCHEDULED HOURS" IS DEFINED AS AVAILABE HOURS THROUGHOUT THE WEEK. THESE HOURS TRANSLATE TO APPROXIMATELY 12 HOURS PER DAY, 5 DAYS A WEEK. RARELY WILL EACH HOUR BE UTILIZED.
- I.2.E.8** Utilization of the airspace can Not be increased.
- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
644 sq mi, 7000-12000 ft MSL
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: RND MOA 1C
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Complete
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) does Not define base operations.
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:

1995 AIR FORCE BASE QUESTIONNAIRE**Randolph AFB - AETC**

- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** Restrictions currently acting on this airspace:
HOURS OF OPERATION
NO SUPERSONIC FLIGHT
- I.2.E.7** Published availability of the airspace:
Sunrise to sunset, Mon-Fri
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 2,986 hrs
- I.2.E.7.b** Hours used: 42 hrs
- I.2.E.7.c** Reasons for non-use:
IN THIS CASE, " SCHEDULED HOURS" IS DEFINED AS A AVAILABE HOURS THROUGHOUT THE WEEK. THESE HOURS TRANSLATE TO APPROXIMATELY 12 HOURS PER DAY, 5 DAYS A WEEK. RARELY WILL EACH HOUR BE UTILIZED.
- I.2.E.8** Utilization of the airspace can Not be increased.
- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
123 sq mi, 7000'-FL180
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: RND MOA 2A
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Complete
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) does Not define base operations.

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The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:

- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **Restrictions currently acting on this airspace:**
 HOURS OF OPERATION
 NO SUPERSONIC FLIGHT
- I.2.E.7** **Published availability of the airspace:**
 Sunrise to sunset, Mon-Fri
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled:** 2,995 hrs
- I.2.E.7.b** **Hours used:** 1,898 hrs
- I.2.E.7.c** **Reasons for non-use:**
 IN THIS CASE, " SCHEDULED HOURS" IS DEFINED AS AVAILABE HOURS THROUGHOUT THE WEEK. THESE HOURS TRANSLATE TO APPROXIMATELY 12 HOURS PER DAY, 5 DAYS A WEEK. RARELY WILL EACH HOUR BE UTILIZED.
- I.2.E.8** **Utilization of the airspace can Not be increased.**
- I.2.E.9** **It is Not possible to expand either hours or volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 1462 sq mi, 9000-18000 ft
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: RND MOA 2B
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**

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Complete

- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) does Not define base operations.
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** Restrictions currently acting on this airspace:
HOURS OF OPERATION
- I.2.E.7** Published availability of the airspace:
Sunrise to sunset, Mon-Fri
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 2,981 hrs
- I.2.E.7.b** Hours used: 487 hrs
- I.2.E.7.c** Reasons for non-use:
IN THIS CASE, " SCHEDULED HOURS" IS DEFINED AS AVAILABE HOURS THROUGHOUT THE WEEK. THESE HOURS TRANSLATE TO APPROXIMATELY 12 HOURS PER DAY, 5 DAYS A WEEK. RARELY WILL EACH HOUR BE UTILIZED.
- I.2.E.8** Utilization of the airspace can Not be increased.
- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
330 sq mi, 14,000-18,000 ft
- I.2.E.11** 100.00 percent of the airspace is usable.

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Airspace: SR 286

- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
COMPLETE
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) does Not define base operations.
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
DAYLIGHT OPS, M THRU F
- I.2.E.7** Published availability of the airspace:
0700-2200L daily
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 120 hrs
- I.2.E.7.b** Hours used: 120 hrs
- I.2.E.8** Utilization of the airspace can Not be increased.
- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:

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4 TO 10 NM WIDE, X 95 NM LONG, 500 AGL TO 4000 MSL

- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: SR-290
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
Complete
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) does Not define base operations.**
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **There are No restrictions currently acting on this airspace**
DAYLIGHT OPS, M THRU F
- I.2.E.7** **Published availability of the airspace:**
0700-2200L daily
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled: 26 hrs**
- I.2.E.7.b** **Hours used: 26 hrs**
- I.2.E.8** **Utilization of the airspace can Not be increased.**

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- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
4-10 NM wide X 95 NM long, 500 AGL to 4000 MSL
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: SR-292
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Complete
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) does Not define base operations.
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
DAYLIGHT OPS, M THRU F
- I.2.E.7** Published availability of the airspace:
0700-2200L daily
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 18 hrs
- I.2.E.7.b** Hours used: 18 hrs

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- I.2.E.8** Utilization of the airspace can Not be increased.
- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
4-10 NM wide X 95 NM long, 500 AGL to 4000 MSL
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: SR-293
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Complete
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) does Not define base operations.
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
DAYLIGHT OPS, M THRU F
- I.2.E.7** Published availability of the airspace:
0700-2200L daily
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** Hours scheduled: 22 hrs

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I.2.E.7.b **Hours used:** 22 hrs

I.2.E.8 **Utilization of the airspace can Not be increased.**

I.2.E.9 **It is Not possible to expand either hours or volume to increase the airspace utilization.**

I.2.E.10 **Description of the volume or area of the Airspace:**

4-10 NM wide X 95 NM long, 500 AGL to 4000 MSL

I.2.E.11 **100.00 percent of the airspace is usable.**

Airspace: VR-1152

I.2.E.2 **An environmental analysis has been conducted for this airspace.**

I.2.E.2.a **Status of the environmental analysis and supplement:**

COMPLETE

I.2.E.2.b **There are problems No associated with the environmental analysis.**

I.2.E.2.c **The current Description of Proposed Actions/Alternatives (DOPAA) does Not define base operations.**

The DOPAA was Not used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

I.2.E.3 **There are No Noise Sensitive Areas associated with the airspace.**

I.2.E.4 **Commercial / civilian encroachment problems associated with the airspace:**

I.2.E.5 **There are No planned expansions (including new airspace) to the base's special use airspace.**

I.2.E.6 **There are No restrictions currently acting on this airspace**

I.2.E.7 **Published availability of the airspace:**

SUNRISE TO SUNSET, MONDAY THROUGH FRIDAY

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Range scheduling statistics (yearly average from 1990 to 93).

I.2.E.7.a Hours scheduled: 308 hrs
 I.2.E.7.b Hours used: 308 hrs

I.2.E.8 Utilization of the airspace can Not be increased.

I.2.E.9 It is Not possible to expand either hours or volume to increase the airspace utilization.

I.2.E.10 Description of the volume or area of the Airspace:

6 NM WIDE X 180 NM LONG, 500 AGL TO 2500/4000 MSL.

I.2.E.11 100.00 percent of the airspace is usable.

Commercial Aviation Impact

I.2.E.12 The base is Not joint-use (military/civilian).

I.2.E.13 List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
AGGIE	Uncontrolled
ALEXANDER	Uncontrolled
BAMBERGER	Uncontrolled
BEICKER	Uncontrolled
BELL	Uncontrolled
BLEAKLEY	Uncontrolled
BOENING BROTHERS	Uncontrolled
BRINKMAN	Uncontrolled
BULVERDE	General Aviation
BYRAM	Uncontrolled
CAMP BULLIS	Uncontrolled
CANNON	Uncontrolled
CARDYS	Uncontrolled
CARTER	Uncontrolled
CASTROVILLE	Uncontrolled
CONNALLY	Uncontrolled
COTHRUM	Uncontrolled

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DOUBLE U	Uncontrolled
EMERALD OAKS	Uncontrolled
FLEMING	Uncontrolled
FLYING A	Uncontrolled
FLYING J	Uncontrolled
FORD ARABIAN	General Aviation
FREEDOM SPRINGS	General Aviation
GARNET	Uncontrolled
GERONIMO	Uncontrolled
GOTTWALD	Uncontrolled
GRIER	Uncontrolled
HALM	Uncontrolled
HAVERLAH EAST	Uncontrolled
HILLTOP	Uncontrolled
KELLER	General Aviation
KELLY	Military
KIRSCHKE	General Aviation
LA VELLE	Uncontrolled
LOCKHARD	Uncontrolled
LONE MAN CREED	Uncontrolled
LONGS	Uncontrolled
MARTINDALE	Military
MID LAKE	Uncontrolled
MITCHEL LAKE	Uncontrolled
NEW BERLIN	Uncontrolled
NEW BRAUNFELS	General Aviation
NOLTE	Uncontrolled
PLEASANTON	Civilian
PURPLE SAGE	Uncontrolled
QUIEN SABE	Uncontrolled
QUIET VALLEY	Uncontrolled
RAY	Uncontrolled
RUSK	Uncontrolled
RUSSEL PARADISE	Uncontrolled

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RUTHERFORD	Uncontrolled
SABINA	Uncontrolled
SAN ANTONIO INTL	Commercial
SAN GEROMINO	Uncontrolled
SAN MARCOS	General Aviation
SMITH	Uncontrolled
STANDARD	Uncontrolled
STINSON	General Aviation
TARRY BANK	Uncontrolled
TATUM	General Aviation
TAYLOR SADDLES	Uncontrolled
THOMAS	Uncontrolled
TWIN OAKS	Uncontrolled
WALL FLYING SERVICE	Uncontrolled
WINN	Uncontrolled
WOOD CREEK	Uncontrolled
WYATT	General Aviation
ZUEHL	Uncontrolled

I.2.E.14 Civilian/commercial operators or other airspace users constrain or limit operations:

I.2.E.14.a Description of impacts: T-43 overwater navigation training 0600L takeoffs are required to deconflict with commercial traffic over the Gulf of Mexico.

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F. Potential for Growth in Training Airspace (Area)

- I.2.F.1 Expansion of training airspace is Not possible.
- I.2.F.2 Current access will remain the same.
- I.2.F.3 No reductions in training airspace are expected.
- I.2.F.4 Current special use airspace and training areas do Not meet all training requirements.
- I.2.F.4.a Some of training requirements ONLY be met by deployed, off-station training.
- I.2.F.4.b Degradation experienced: Almost all local training areas do not meet minimum size requirements of the AF Airspace Master Plan and AETCR 60-5.

G. Composite / Integrated Force Training

- I.2.G.1 Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:
 FORT SAM HOUSTON
 20 NM from the base.
- I.2.G.2 DELETED
- I.2.G.3 Nearest Naval unit where joint training can be accomplished:
 KINGSVILLE NAS
 125 mi from the base.
- I.2.G.4 Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:
 KELLY AFB
 17 mi from the base.
- I.2.G.5 DELETED

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

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I. Technical Training (Air Education and Training Command)

I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / 1/2 mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
98.7	97.5	82.5	72.5	71.9

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 97.8 percent of the time

I.2.J.2.b Is at or below 25 knots 99.9 percent of the time

I.2.J.3 2 Days have freezing participation (mean per year).

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Section II

1. Installation Capacity & Condition

A. Land

	Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
II.1.A.1	HONDO MUNI AP	USAF FLT SCREENING	867	8	
II.1.A.2	RANDOLPH AFB	MAIN BASE	3,129	1,239	91
II.1.A.3	SEQUIN AUX AIRFIELD	AUX FIELD	961	98	80
		TOTALS:	4,957	1,345	171

B. Facilities

II.1.B.1 From real property records:

	Facility Category Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	(C) Excess Capacity
II.1.B.1.a.i	121-122	Hydrant Fueling System Pits	EA	0	0		0.0	0.0	0
II.1.B.1.a.ii	121-122a	Consolidated Aircraft Support System	EA	0	0		0.0	0.0	0
II.1.B.1.b	131	Communications-Buildings	SF	N/A	37,221	81.0	0.0	19.0	N/A
II.1.B.1.c	141	Operations-Buildings	SF	N/A	99,181	90.0	10.0	0.0	0
II.1.B.1.c.i	141-232	Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	141-753	Squadron Operations	SF	3,675	3,675	100.0	0.0	0.0	0
II.1.B.1.c.iii	141-782	Air Freight Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.iv	141-784	Air Passenger Terminal	SF	1,800	2,491	100.0	0.0	0.0	691
II.1.B.1.c.v	141-785	Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	171	Training Buildings	SF	N/A	318,718	78.0	21.0	1.0	N/A
II.1.B.1.d.i	171-211	Flight Training	SF	162,381	170,658	84.0	15.0	1.0	8,277
II.1.B.1.d.ii	171-211a	Combat Crew Trng Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	171-212	Flight Simulator Training (High Bay)	SF	53,314	60,623	100.0	0.0	0.0	7,309
II.1.B.1.d.iv	171-212a	Companion Trng Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	171-618	Field Training Facility	SF	6,787	6,787	0.0	100.0	0.0	0
II.1.B.1.e	211	Maintenance Aircraft	SF	N/A	467,976	54.0	46.0	0.0	N/A
II.1.B.1.e.i	211-111	Maintenance Hanger	SF	151,520	140,436	68.0	32.0	0.0	0
II.1.B.1.e.ii	211-152	General Purpose Aircraft Maintenance	SF	104,061	99,349	35.0	65.0	0.0	0
II.1.B.1.e.iii	211-152a	DASH 21	SF	0	0		0.0	0.0	0
II.1.B.1.e.iv	211-153	Non-Destructive Inspection (NDI) Lab	SF	7,200	6,054	100.0	0.0	0.0	0

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II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	31,200	37,261	78.0	22.0	0.0	6,061
II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	25,072	28,674	4.0	96.0	0.0	3,602
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	16,928	27,670	100.0	0.0	0.0	10,742
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	49,369	37,449	81.0	19.0	0.0	0
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	13,484	13,484	100.0	0.0	0.0	0
II.1.B.1.e.xiii	211-183	Test Cell	SF	2,392	2,392	100.0	0.0	0.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.	214	Maintenance-Automotive	SF	N/A	41,299	100.0	0.0	0.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	2,700	3,840	100.0	0.0	0.0	1,140
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	2,400	1,144	100.0	0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	600	0		0.0	0.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	11,366	100.0	0.0	0.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	15,200	11,366	100.0	0.0	0.0	0
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	0	0		0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	16,000	16,738	98.0	2.0	0.0	738
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	7,135	8,147	100.0	0.0	0.0	1,012
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	3,880	3,148	100.0	0.0	0.0	0
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	72,094	86.0	13.0	1.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	30,000	30,000	100.0	0.0	0.0	0
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	543	100.0	0.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	0	0		0.0	0.0	0

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II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	0	0		0.0	0.0	0
II.1.B.1.t.iii	422-264	Igloo Magazine	SF	0	0		0.0	0.0	0
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	0	0		0.0	0.0	0
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	0	0		0.0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	131,269	43.0	57.0	0.0	N/A
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	17,411	0		0.0	0.0	0
II.1.B.1.v.ii	442-258	LOX Storage	GA	1,200	0		0.0	0.0	0
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	133,863	74,734	31.0	69.0	0.0	0
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	0	0		0.0	0.0	0
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	0	9,117	18.0	82.0	0.0	9,117
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	96,481	100.0	0.0	0.0	N/A
II.1.B.1.x	530	Medical Laboratories	SF	N/A	1,708	100.0	0.0	0.0	N/A
II.1.B.1.y	540	Dental Clinics	SF	N/A	9,200	100.0	0.0	0.0	N/A
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	1,323,560	35.0	65.0	0.0	N/A
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	1,200	1,256	100.0	0.0	0.0	56
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0		0.0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	521	100.0	0.0	0.0	N/A
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	681	348	100.0	0.0	0.0	0
II.1.B.1.cc	722	Dining Hall	SF	N/A	17,743	100.0	0.0	0.0	N/A
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	17,743	17,743	100.0	0.0	0.0	0
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	558	100.0	0.0	0.0	N/A
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	87,056	86.0	14.0	0.0	N/A
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	482,049	35.0	60.0	5.0	N/A
II.1.B.1.gg	852-273	Acft Support Equipment Storage	SY	0	722	100.0	0.0	0.0	722

II.1.B.2 From in-house survey:

Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	111 Aircraft Pavement-Runway(s)	SY	510,446	60.0	34.0	6.0
II.1.B.1.b	112 Airfield Pavements-Taxiways	SY	312,582	32.0	49.0	19.0
II.1.B.1.c	113 Airfield Pavement-Apron(s)	SY	633,612	10.0	85.0	5.0
II.1.B.1.d	116-662 Dangerous Cargo Pad	SY	0			
II.1.B.1.e	812 Elec Power-Trans & Distr Lines	LF	1,076,615	82.0	18.0	0.0

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II.1.B.1.f	822	Heat-Trans & Distr Lines	LF	6,040	80.0	16.0	4.0
II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	202,047	20.0	70.0	10.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	318,795	35.0	65.0	0.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	8,038	85.0	15.0	0.0
II.1.B.1.j	851	Roads	SY	660,393	55.0	23.0	22.0
II.1.B.1.k	852	Veh/Equip Parking	SY	442,316	45.0	44.0	11.0

C. Family Housing (Facility Category Code 711)

II.1.C.1 Capacity (housing Inventory)

II.1.C.1.a Number of adequate units from current DD Form 1410, line 18d:

948

II.1.C.1.b Number of substandard units from current DD Form 1410, line 18e:

71

II.1.C.1.c Current deficit (-) or surplus units in validated Market Analysis:

-273

(includes E-1 - E3 requirements)

II.1.C.1.c.i A Market Analysis was used to answer the questions in Section II.1.C.

II.1.C.1.d FY95/4 projected net housing deficit (-) or surplus of units:

-356

(includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)

II.1.C.2 Condition

II.1.C.2.a Number of adequate units meeting current whole-house standards of accommodation and state of repair:

275

(includes projects programmed through FY95/4. Units meeting whole-house standards are those that were programmed after FY88)

II.1.C.2.a Number of adequate units requiring whole-house renovation or replacement:

744

(Units meeting whole-house standards are those that were programmed/ renovated after FY88).

II.1.C.2.a Number of new housing units projected to meet current deficit.

0

II.1.C.3 Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base

II.1.C.3.a 17.0 percent of officer families live on base.

II.1.C.3.b 47.0 percent of enlisted families live on base.

II.1.C.3.a 34.0 percent of all military families live on base.

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2. Airfield Characteristics

II.2 Runway Table:

Primary Designation		Dimensions: Length Width		Cross Runway	Aircraft Arresting Systems (II.2.I) Number Types	
14R	Secondary	8353 ft	200 ft	No	1	BAK-12, MA1A
14L	Primary	8351 ft	200 ft	No	2	61QSII

II.2.A There are 2 active runways.

II.2.A.1 There are NO cross runways

II.2.B There are 1 parallel runways (excluding main runway).

II.2.C Dimensions of the primary runway (14L).

II.2.C.1 Length: 8,351 ft

II.2.C.2 Width: 200 ft

II.2.D Dimensions of all secondary runways are in the runway table.

II.2.E The primary taxiway is 75 ft wide.

II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency (AFCESA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

An AFCESA Pavement Evaluation Report was used to complete this section.

				Primary Pavements		
Aircraft Group		Criteria		Runways	Taxiways	Aprons
II.2.F.1	Fighter	F-15	61 Kips 300,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.2	Fighter	F-16C/D	37 Kips 300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.3	Bomber	B-52	450 Kips 15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.4	Bomber	B-1B	450 Kips 50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.5	Tanker	KC-135R	320 Kips 50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.6	Tanker	KC-10	550 Kips 15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.7	Airlift	C-5B	800 Kips 50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.8	Airlift	C-141	325 Kips 50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed

II.2.F.9 Work required to upgrade pavement to the required strength:

Pavement:	Aircraft:	(9.a) Unit of Measure	(9.b) Quantity	(9.c) Description of Work
Taxiway	B-1B	SY	128,737	REPLACE WEST TAXIWAY W/13" OF CONCRETE
Runway	B-1B	SY	177,779	REPLACE WEST RUNWAY W/ 11" OF CONCRETE

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Aprons	B-1B	SY	620,624	REPLACE EAST & SOUTH APRONS W/13" OF CONCRETE; REPLACE WEST APRON W/14" OF CONCRETE
Taxiway	B-52	SY	128,737	REPLACE WEST TAXIWAY W/15.2" OF CONCRETE
Runway	B-52	SY	177,779	REPLACE WEST RUNWAY W/11" OF CONCRETE
Aprons	B-52	SY	620,624	REPLACE EAST AND SOUTH APRONS W/15.2" OF CONCRETE; REPLACE WEST APRON W/16.1" OF CONCRETE
Runway	C-141	SY	177,779	REPLACE WEST RUNWAY W/11" OF CONCRETE
Taxiway	C-141	SY	128,737	REPLACE WEST TAXIWAY W/11.1" OF CONCRETE
Aprons	C-141	SY	620,624	REPLACE ALL APRONS W/11.1" OF CONCRETE
Aprons	C-5B	SY	620,624	REPLACE SOUTH AND EAST APRONS W/9.7" OF CONCRETE; REPLACE WEST APRON W/10.4" OF CONCRETE
Runway	C-5B	SY	177,779	REPLACE WEST RUNWAY W/11" OF CONCRETE
Taxiway	C-5B	SY	128,737	REPLACE WEST TAXIWAY W/9.7" OF CONCRETE
Taxiway	F-15	SY	128,737	REPLACE WEST TAXIWAY W/10.3" OF CONCRETE
Runway	F-15	SY	177,779	REPLACE WEST RUNWAY W/11" OF CONCRETE
Aprons	F-15	SY	620,624	REPLACE WEST AND EAST APRONS W/10.1" OF CONCRETE; REPLACE SOUTH APRON W/10.4" OF CONCRETE
Taxiway	KC-10	SY	128,737	REPLACE WEST TAXIWAY W/10.1" OF CONCRETE
Runway	KC-10	SY	177,779	REPLACE WEST RUNWAY W/11" OF CONCRETE
Aprons	KC-10	SY	620,624	REPLACE EAST AND SOUTH APRONS W/10.1" OF CONCRETE; REPLACE WEST APRON W/10.9" OF CONCRETE
Aprons	KC-135R	SY	620,624	REPLACE EAST AND SOUTH APRONS W/10.7" OF CONCRETE; REPLACE WEST APRON W/11.5" OF CONCRETE
Taxiway	KC-135R	SY	128,737	REPLACE WEST TAXIWAY W/10.7" OF CONCRETE
Runway	KC-135R	SY	177,779	REPLACE WEST RUNWAY W/11" OF CONCRETE

II.2.G Excess aircraft parking capacity for operational use.

II.2.G.1 The total usable apron space for aircraft parking is 627,433 Sq Yds.

II.2.G.1.a Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions (Equivalent Rectangle)		CURRENT USE DATA. (Type of Aircraft and which of the permanently assigned aircraft use the area.)	
	EAST APRON SEC 1	3,556 ft	250 ft	Primary Aircraft
SOUTH APRON SEC 1	1,400 ft	575 ft	Primary Aircraft	T-43
WEST APRON SEC 1	3,650 ft	250 ft	Primary Aircraft	T-37

II.2.G.2 Permanently assigned aircraft currently require 403,642 Sq Yds of parking space.

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II.2.G.3 223,791 Sq Yds of parking space is available for parking additional non-transient aircraft.

II.2.G.4 The following factors limit aircraft parking capability:

THE TYPE, SIZE, AND WEIGHT OF AC ARE LIMITING FACTORS BECAUSE PARTS OF THE RAMP AND SOME TAXIWAYS ARE NOT ABLE TO HANDLE HEAVY A/C.

II.2.H The dimensions of the (largest) transient parking area:

N/A

II.2.I Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)

II.2.J Critical features relative to the airfield pavement system that limit its capacity:

LARGE AC CANNOT USE PARALLEL TAXIWAY FOR WEST RUNWAY. PAVING THICKNESS AND STRENGTH LIMITS OPERATIONS OF LARGE AC ON WEST STAGE AND RUNWAY. EAST RUNWAY REPLACED IN 19992 AND WEST RUNWAY IS SCHEDULED FOR REPLACEMENT NEAR-TERM. RAMP PAVING WHEN NEEDED.

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	4.46 MG/D	MG/D - million gallons per day	36 %
II.3.A.2 Sewage:	0.8 MG/D		74 %
II.3.A.3 Electrical distribution:	49.7 MW	MW - million watts	37 %
II.3.A.4 Natural Gas:	3.96 MCF/D	MCF/D - million cubic feet per day	54 %
II.3.A.5 High temperature water/steam generation/distribution:	7,455.5 MBTUH	MBTUH - million British thermal units per hour	25 %

II.3.B Characteristics regarding the utility system that should be considered:

All service contracts are without "take or pay" clauses, no natural gas is purchased through the DFSC central office, no electrical power is purchased from the Federal Power Marketing Administrations, cathodic protection on water and gas lines.

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1 Facility number: 4 Hanger

Current Use: T-38 MAINTENANCE

II.4.A.2 Size (SF): 28,718 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: T-38

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	107 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	107 ft	22 ft	220 ft

II.4.A.1 Facility number: 5 Hanger

Current Use: T-38 MAINTENANCE

II.4.A.2 Size (SF): 29,487 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: T-38

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	107 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	107 ft	22 ft	220 ft

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II.4.A.1 Facility number: 7 Hanger
Current Use: T-1 MAINTENANCE

II.4.A.2 Size (SF): 29,714 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: T-38

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	107 ft	22 ft	
II.4.A.6	Largest unobstructed space inside the facility:	69 ft	22 ft	220 ft

II.4.A.1 Facility number: 40 Hanger
Current Use: T-43 MAINTENANCE

II.4.A.2 Size (SF): 45,536 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-9

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	160 ft	25 ft	
II.4.A.6	Largest unobstructed space inside the facility:	160 ft	37 ft	211 ft

II.4.A.1 Facility number: 44 Nose Dock
Current Use: FUEL DOCK

II.4.A.2 Size (SF): 13,484 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: T-43

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	146 ft	19 ft	
II.4.A.6	Largest unobstructed space inside the facility:	146 ft	30 ft	63 ft

II.4.A.1 Facility number: 47 Nose Dock
Current Use: CORROSION CONTROL

II.4.A.2 Size (SF): 2,912 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: NA

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	48 ft	13 ft	
II.4.A.6	Largest unobstructed space inside the facility:	48 ft	13 ft	50 ft

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II.4.A.1 Facility number: 48 Nose Dock
Current Use: CORROSION CONTROL

II.4.A.2 Size (SF): 6,006 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: T-37

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	60 ft	19 ft	
II.4.A.6	Largest unobstructed space inside the facility:	60 ft	19 ft	60 ft

II.4.A.1 Facility number: 61 Nose Dock
Current Use: CORROSION CONTROL

II.4.A.2 Size (SF): 14,842 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: T-38

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	151 ft	22 ft	
II.4.A.6	Largest unobstructed space inside the facility:	62 ft	20 ft	70 ft

II.4.A.1 Facility number: 75 Hanger
Current Use: T-37 / T-38 ENGINE SHOP

II.4.A.2 Size (SF): 28,862 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: T-38

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	107 ft	22 ft	
II.4.A.6	Largest unobstructed space inside the facility:	107 ft	22 ft	182 ft

5. Unique Facilities

II.5.A There are No unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed.

6. Air Installation Compatible Use Zone (AICUZ) and Terminal Area Procedures Local/Regional Land Encroachment

II.6.A Percent current off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.A.1	14L	CZ	0	136	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	14R	CZ	0	136	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0

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5. Wastewater

- VIII.5.A** Base wastewater is treated by *Local Community* facilities.
- VIII.5.C** There are **No** discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

- VIII.6.A** There any **No** National Pollutant Elimination System permits in effect.
- VIII.6.B** The base currently discharges treated wastewater **ON-Base**. Description of treated wastewater discharge location:
Waste Water Treatment Plant
- VIII.6.C** The base has **No** discharge impoundments.
- VIII.6.D** There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

- VIII.7.A** 100.0 percent of facilities have been surveyed for asbestos.
- VIII.7.A.1** 90.0 percent of the facilities surveyed are identified as having asbestos.
- VIII.7.A.2** 0 facilities are considered regulated areas or have restricted use due to friable asbestos.

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8. Biological - Habitat

- VIII.8.A** There are No ecological or wildlife management areas ON the base. **There are No ecological or wildlife management areas ADJACENT TO the base.**
- VIII.8.A.1** Natural areas on or adjacent to the base are not recognized as important ecological sites.
- VIII.8.B** No critical/sensitive habitats have been identified on base .
- VIII.8.C** The base does not have a cooperative agreement for conducting a hunting and fishing program.
Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.

9. Biological - Threatened and Endangered Species

- VIII.9.A** There are No Threatened or endangered species identified on the base.
- VIII.9.B** There are No Special Concern species identified on the base.

10. Biological - Wetlands

- VIII.10.A** There are No wetlands, estuaries, or other special aquatic features present on the base.
- VIII.10.A.2** The base is Not involved in jointly-managed programs for protection of these resources.
- VIII.10.B** The base has been surveyed for wetlands in accordance with established federally approved guidelines.
- VIII.10.B.1** Survey was completed in May 93
- VIII.10.B.2** 100 percent of the base was included in the survey.
- VIII.10.B.3** Method used to survey the base (e.g., Corps of Engineers Delineation Manual, U.S. Fish and Wildlife Service National Wetlands Inventory):
US ARMY CORPS OF ENGINEERS REGULATORY DIVISION
- VIII.10.C** No part of the base is located in a 100-year floodplain.
- VIII.10.D** The presence of these resources does Not constrain current or future construction activities or operations.

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11. Biological - Floodplains

VIII.11.A There are No floodplains on the base.

12. Cultural

VIII.12.A Historic, prehistoric, archaeological sites or other cultural resources located on the base:

VIII.12.A.1 Sites:	Significant status:
RANDOLPH AFB BUILDINGS	345 BUILDINGS ELIGIBLE FOR LISTING ON THE NATIONAL REGISTER OF HISTORIC PLACES.

VIII.12.B 52 percent of the buildings on base are over 50 years old.

VIII.12.C Historic Landmark/Districts, or properties listed in the National Register of Historic Places (NRHP) located on base:
 BUILDING 100

VIII.12.C.1 Some properties have been determined to be or may be eligible for the NRHP.

VIII.12.C.2 Buildings and structures have not been surveyed for Cold War or other historical significance.

VIII.12.D The base has been archeologically surveyed.

VIII.12.D.1 100 percent of the base has been surveyed.

VIII.12.D.2 No archeological sites have been found.

VIII.12.D.3 No archeological collections are housed on base.

VIII.12.D.4 No Native Americans or others use/identified sacred areas or burial sites on or near base.

VIII.12.E The base has an agreement with a historic preservation agency.

Agreements include Programmatic Agreements and Memorandum of Agreements.

Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

VIII.12.E.1 Description: MOA # 1 ALLOWED FOR ALTERATIONS TO HGR'S 12,13, AND 64 ALONG WITH THE ADDITION OF CANOPIES TO THE HGR'S. MOA # 2 CONCERNED THE REMOVAL OF THE CORRIDOR WALLS OF BLDG 901, 903, AND 907. BLDG

Signatories: 907 WILL RETURN TO ITS ORIGINAL CONFIGURATION.

BOTH MOA'S WERE SIGNED BY BG PETERSON, COMMANDER 12 FTW; BY MR TUNNEL, TX HISTORIC

Date signed: PRESERVATION OFFICER AND MR BUSH, EXECUTIVE DIRECTOR OF THE ADVISORY COUNCIL ON HISTORIC PRESERVATION

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 21 IRP sites have been identified

VIII.13.A.2 No IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 1996

VIII.13.B The installation is Not a National Priority List (NPL) site nor proposed as an NPL site.

VIII.13.C There are no existing Federal Agency Agreements to clean up the base.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There reported or known uncontrolled or unregulated occurrences of specific contaminate types and sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E No sites or SWMUs are currently being investigated and remediated pursuant to the RCRA.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.F The IRP currently restricts construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
Hazardous Waste Disposal/Remediation	\$175.000 K	\$175.000 K	\$195.000 K	\$215.000 K	\$240.000 K
IRP	\$25.000 K	\$367.000 K	\$25.000 K	\$25.000 K	\$25.000 K
Natural Resources	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
Other(s) Specify: Air Emission Fees	\$9.900 K	\$9.900 K	\$9.900 K	\$9.900 K	\$9.900 K
Permits	\$16.800 K	\$18.000 K	\$18.000 K	\$18.000 K	\$18.000 K

15. Other Issues

VIII.15.A There are no additional activities which may constrain or enhance base operations.

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VIII.16.A Air Quality Control Area (AQCA) geographic region in which the base is located:
TNRCC, REGION 13.

VIII.16.B Air quality regulatory agency responsible for the AQCA:. TNRCC, REGION 13

VIII.16.B Name and phone number of the AQCA program manager for issues pertaining to the base:
MR JIM MENKE (210) 490-3096

The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:

VIII.16.C.1 In Attainment for Ozone

VIII.16.C.2 In Attainment for Carbon Monoxide

VIII.16.C.3 In Attainment for Particulate matter (PM-10)

VIII.16.C.4 In Attainment for Sulfur Dioxide

VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx)

VIII.16.C.6 In Attainment for Lead

VIII.16.C.7 The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT

VIII.16.D.1 Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located: 0.00 ppm

VIII.16.D.2 Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located: 0.0 ppm

VIII.16.D.3 Ozone Design value is 0.0% of NAAQS

VIII.16.D.4 Carbon monoxide Design value is 0.0% of NAAQS

Air Quality Survey complete, No additional data required.

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Section IX

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II.6.A.2	32L	CZ	0	136	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	32R	CZ	0	136	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	14L	APZ 1	904	345	24.0	Sig Incompat	18.0	7.0	1.0	5.0	15.0	54.0
	14R	APZ 1	1,273	345	30.0	Sig Incompat	23.0	15.0	0.0	3.0	0.0	59.0
II.6.A.3	32L	APZ 1	11	345	0.0	Gen Compat	0.0	0.0	0.0	5.0	0.0	95.0
	32R	APZ 1	10	345	0.0	Gen Compat	0.0	0.0	0.0	1.0	0.0	99.0
	14L	APZ 2	153	482	0.0	Gen Compat	0.0	1.0	0.0	0.0	0.0	99.0
	14R	APZ 2	1,626	482	23.0	Sig Incompat	24.0	10.0	0.0	0.0	0.0	66.0
	32L	APZ 2	35	482	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	32R	APZ 2	21	482	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.A.4	65-70	7,127	4,475	8	Incompat	15.0	2.0	0.0	2.0	0.0	81.0
II.6.A.5	70-75	2,941	2,260	13	Sig Incompat	10.0	2.0	0.0	1.0	3.0	84.0
II.6.A.6	75-80	318	632	8	Incompat	7.0	2.0	0.0	0.0	1.0	90.0
II.6.A.7	80+	2	41	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

II.6.B Percent future off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.B.1	14L	CZ	0	136	0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	14R	CZ	0	136	0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	32L	CZ	0	136	0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	32R	CZ	0	136	0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
II.6.B.2	14L	APZ 1	904	345	24	Sig Incompat	18.0	7.0	1.0	5.0	15.0	54.0
	14R	APZ 1	1,718	345	65	Sig Incompat	62.0	20.0	0.0	3.0	0.0	15.0
	32L	APZ 1	11	345	0	Gen Compat	0.0	0.0	0.0	5.0	0.0	95.0
	32R	APZ 1	11	345	0	Gen Compat	0.0	0.0	0.0	1.0	0.0	99.0
II.6.B.3	14L	APZ 2	1,550	482	25	Sig Incompat	20.0	4.0	0.0	1.0	0.0	75.0
	14R	APZ 2	2,406	482	71	Sig Incompat	53.0	20.0	0.0	0.0	0.0	27.0
	32L	APZ 2	35	482	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	32R	APZ 2	22	482	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	

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II.6.B.4	65-70	7,840	4,475	12	Sig Incompat	18.0	3.0	0.0	2.0	0.0	77.0
II.6.B.5	70-75	3,088	2,260	15	Sig Incompat	12.0	3.0	0.0	1.0	3.0	81.0
II.6.B.6	75-80	357	632	11	Sig Incompat	9.0	3.0	0.0	0.0	1.0	87.0
II.6.B.7	80+	2	41	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

II.6.C The most recent, publicly released AICUZ study is dated Jul 93

II.6.D Current AICUZ study's flying activities subsection does not reflect all currently assigned aircraft

Subsection does Not reflect the number of daily flying operations conducted by all assigned aircraft

Current AICUZ study's flight track figure/map reflects current flight tracks.

Explanation of areas where the current AICUZ study does not reflect the current situation:

THE CURRENT DOCUMENT DOES NOT REFLECT CURRENT AIRCRAFT TYPE C-21; ALSO THE DAILY OPERATIONS HAVE CHANGED DUE TO SEVERAL MISSION CHANGES. THE DAILY OPERATIONS ARE AS FOLLOWS: T-37 (532), T/AT-38 (350), T-1 (25), T-43 (30), C-21 (6) AND T-39 (2).

II.6.E The AICUZ study was last updated on Jul 92

The study is no longer valid. Milestones for updateing the study:

II.6.E.1 NEXT VALIDATION DUE IN SUMMER 94.

II.6.F Local governments have incorporated AICUZ recommendations into land use controls

II.6.F.1 AICUZ recommended height restrictions.

Government name: Types of controls in place Types of encroachment limited:

CITY OF SCHERTZ	COMPLIES WITH FAR PART 77	
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II.6.F.2 AICUZ recommended development limits for Accident Potential Zone 1.

Government name: Types of controls in place Types of encroachment limited:

CITY OF SCHERTZ	ZONING ORDINANCE	
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II.6.F.3 AICUZ recommended development limits for Accident Potential Zone 2.

Government name: Types of controls in place Types of encroachment limited:

CITY OF SCHERTZ	ZONING ORDINANCE	
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II.6.F.4 AICUZ recommended development limits between the 65 Ldn and 70 Ldn Noise Contours.

Government name: Types of controls in place Types of encroachment limited:

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CITY OF SCHERTZ	COMPATIBLE LAND USE CONTROLS	
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II.6.F.5 AICUZ recommended development limits between the 70 Ldn and 75 Ldn Noise Contours.

Government name: Types of controls in place Types of encroachment limited:

CITY OF SCHERTZ	COMPATIBLE LAND USE CONTROLS	
-----------------	------------------------------	--

II.6.F.6 AICUZ recommended development limits between the 75 Ldn and 80 Ldn Noise Contours.

Government name: Types of controls in place Types of encroachment limited:

CITY OF SCHERTZ	COMPATIBLE LAND USE CONTROLS	
-----------------	------------------------------	--

II.6.F.7 AICUZ recommended development limits between the 80 Ldn and above Ldn Noise Contours.

Government name: Types of controls in place Types of encroachment limited:

CITY OF SCHERTZ	COMPATIBLE LAND USE CONTROLS	
-----------------	------------------------------	--

II.6.G Assessment of significant development (i.e., residential subdivision, shopping mall, or center, industrial park, etc.) existing or anticipated within any of the 7 AICUZ zones.

No significant development currently exists in any AICUZ zone.

No significant development is projected for any AICUZ zone.

No long range (20 year) development trends in the 7 AICUZ zones are evident.

II.6.H Population figures and projections:

II.6.H.1 Communities in the vicinity of the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
UNIVERSAL CITY	1800	7613	10752	13051	13600
CONVERSE	4910	6152	6904	8887	11500
CITY OF SCHERTZ	2281	4536	7262	10957	11500

II.6.H.3 County (ies) encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
BEXAR	687000	842082	988800	1185394	1233289

II.6.I All clear zone acquisition has been completed.

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II.6.J All existing on base facilities are sited in accordance with AICUZ recommendations.

All planned on base facilities will be sited in accordance with AICUZ recommendations.

Air Space Encroachment

II.6.K Noise complaints are received from off base residents.

II.6.K.1 1.0 noise complaints per month (average) are received from off base residents.

II.6.L The base has implemented noise abatement procedures as follows:

II.6.L.1 DURING STUDENT TRAINING HOURS, ALL TRANSIENT AIRCRAFT ARE RESTRICTED TO ONE APPROACH TO A FULL STOP LANDING.

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 2 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is Load Crews

III.1.A.1.b Current MHE: 1 10K FORKLIFT AND A SET OF ROLLERIZED TINES FOR THE PALLETS.

III.1.A.2 3 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:				Remarks:
	Can land	Can taxi	Can park	Can refuel	
747					RAFB runways are only 8,300 feet long. Aircraft cannot take off at max peacetime weight.
C-5					RAFB runways are only 8,300 feet long. Aircraft cannot take off at max peacetime weight.
KC-10					RAFB runways are only 8,300 feet long. Aircraft cannot take off at max peacetime weight.

III.1.C The base does Not have an operational fuel hydrant system.

III.1.D The base bulk storage facility is Not serviced by a pipeline.

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III.1.D.3 0

Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP). Storage for others is excluded.

III.1.D.4 Other receipt modes available: 18 OFF-LOADING HEADERS, CAPABLE OF OFFLOADING 4 TANK TRUCKS SIMULTANEOUSLY.

Number of offload headers: 18

4 tank trucks can be simultaneously offloaded

Tank cars can Not be offloaded.

III.1.D.5 2 refueling unit fillstands are available.

III.1.D.5.a 2 refuelers can be filled simultaneously.

III.1.D.6 Current dispensing capabilities as defined in AFR 144-1 sustained: 540000
 maximum: 682000

III.1.D.7 The base is directly supported by an intermediate Defense Fuels Supply Point (DFSP).

III.1.D.7.a Supporting DFSP: DEFENSE FUELS SUPPLY POINT, SAN ANTONIO, TX.

III.1.E Cat 1.1 and 1.2 munitions storage requirements and capacity.

III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:

Square footage available (including physical capacity limit):

III.1.E.2 Normal installation mission storage requirement:

Physical Limits for Cat 1.1 Munitions:

257 LBS, 32 SQ FT

Physical Limits for Cat 1.2 Munitions:

11 LBS, 16 SQ FT

III.1.F The base does not have a dedicated hot cargo pad.

	Cat 1.1	Cat 1.2
Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:	425	500000
Square footage available (including physical capacity limit):		
Normal installation mission storage requirement:	40	280

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III.1.G Proximity (within 150 NM) to mobilization elements.

III.1.G.1 The base is proximate to a ground force installation.

Active ground force installations within 150 NM:

FORT HOOD	95 NM
FORT SAM HOUSTON	20 NM

III.1.G.2 The base is proximate to a railhead.

Railheads within 150 NM:

Belton - Killeen	101 NM
Camp Stanley	18 NM
Flour Bluff	113 NM

III.1.G.3 The base is over 150 NM from a port.

III.1.H The base has a dedicated passenger terminal.

III.1.I The base does not have a dedicated deployment facility capable of handling DoD standardized cargo pallets.

III.1.J The base medical treatment facility does Not routinely receive referral patients.

III.1.K No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

III.1.L Unique missions performed by the base medical facility:

PHYSIOLOGICAL TRAINING UNIT. MOBILITY TASKING: (1.) 48 PERSONNEL 2ND ECHELON TEAM, (2.) 19 PERSONNE

Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

III.1.M Base medical facilities project planned to begin before to 1999:

INSTALL PARKING LIGHTS - 38K; AEROMEDICAL SERVICES DEPT - 125K

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Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.

III.1.M.1 The project has been approved.

III.1.M.2 Major MCP completed since 1989:

MEDICAL CLINIC COMPLETED JUN 89.

III.1.N Base facilities have a total excess storage capacity of 738 sq ft.

III.1.N.1 Base facilities have a total covered storage capacity of 74,734 sq ft.

III.1.N.2 Breakout of the total covered storage capacity:

Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store):	82,904 sq ft
Mobility storage:	9,872 sq ft
War Readiness Support Kits (WRSK) storage:	0 sq ft

III.1.O 222 light military vehicles are on base.

III.1.P 256 heavy military and special vehicles are on base.

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Section IV**1. Base Budget****IV.1 Non-payroll portion of the base budget for prior years:**

IV.1.A xxx56		Environmental Compliance			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
FY-91	Appropriation	Direct	Reimbursable					
	3400	0.00 \$sK	0.00 \$sK		0.00 \$sK			
FY-92	Appropriation	Direct	Reimbursable					
	3400	1,113.48 \$sK	0.00 \$sK			1,113.48 \$sK		
FY-93	Appropriation	Direct	Reimbursable					
	3400	931.16 \$sK	0.00 \$sK				931.16 \$sK	
FY-94	Appropriation	Direct	Reimbursable					
	3400	351.90 \$sK	0.00 \$sK					351.90 \$sK
xxx56 TOTALS:					0.00 \$sK	1,113.48 \$sK	931.16 \$sK	351.90 \$sK
IV.1.B xxx76		Real Property Maintenance A			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
FY-91	Appropriation	Direct	Reimbursable					
	3400	27,520.90 \$sK	1,464.37 \$sK		28,985.27 \$sK			
FY-92	Appropriation	Direct	Reimbursable					
	3400	17,852.80 \$sK	1,372.27 \$sK			19,225.07 \$sK		
FY-93	Appropriation	Direct	Reimbursable					
	3400	7,368.66 \$sK	9.84 \$sK				7,378.50 \$sK	
FY-94	Appropriation	Direct	Reimbursable					
	3400	113.90 \$sK	4.50 \$sK					118.40 \$sK
xxx76 TOTALS:					28,985.27 \$sK	19,225.07 \$sK	7,378.50 \$sK	118.40 \$sK
IV.1.C xxx78		Real Property Maintenance S			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
FY-91	Appropriation	Direct	Reimbursable					
	3400	0.00 \$sK	0.00 \$sK		0.00 \$sK			
FY-92	Appropriation	Direct	Reimbursable					
	3400	0.00 \$sK	0.00 \$sK			0.00 \$sK		
FY-93	Appropriation	Direct	Reimbursable					
	3400	2,759.80 \$sK	1,074.74 \$sK				3,834.54 \$sK	
FY-94	Appropriation	Direct	Reimbursable					
	3400	3,612.70 \$sK	534.60 \$sK					4,147.30 \$sK
xxx78 TOTALS:					0.00 \$sK	0.00 \$sK	3,834.54 \$sK	4,147.30 \$sK
IV.1.D xxx90		Audio Visual			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
FY-91	Appropriation	Direct	Reimbursable					

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		3400	313.46 \$sK	0.00 \$sK	313.46 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	219.36 \$sK	0.00 \$sK		219.36 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	237.10 \$sK	0.00 \$sK			237.10 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	187.90 \$sK	0.00 \$sK				187.90 \$sK
		xxx90 TOTALS:			313.46 \$sK	219.36 \$sK	237.10 \$sK	187.90 \$sK
IV.1.E	xxx95	Communications			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	1,463.69 \$sK	29.48 \$sK	1,493.17 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	1,146.88 \$sK	31.18 \$sK		1,178.06 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	1,393.04 \$sK	29.28 \$sK			1,422.32 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	606.20 \$sK	33.70 \$sK				639.90 \$sK
		xxx95 TOTALS:			1,493.17 \$sK	1,178.06 \$sK	1,422.32 \$sK	639.90 \$sK
IV.1.F	xxx96	Base Operating Support			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	4,938.79 \$sK	11.50 \$sK	4,950.29 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	4,331.15 \$sK	355.35 \$sK		4,686.50 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	10,444.81 \$sK	1,977.68 \$sK			12,422.49 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	9,201.90 \$sK	2,011.90 \$sK				11,213.80 \$sK
		xxx96 TOTALS:			4,950.29 \$sK	4,686.50 \$sK	12,422.49 \$sK	11,213.80 \$sK
IV.1.G	MFH	Military Family Housing			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		FY91	3,794.45 \$sK	9.01 \$sK	3,803.47 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		FY91	5,326.83 \$sK	4.28 \$sK		5,331.12 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		FY91	3,054.83 \$sK	26.96 \$sK			3,081.79 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				

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FY91	2,157.40 \$sK	27.00 \$sK				2,184.40 \$sK
MFH TOTALS:			3,803.47 \$sK	5,331.12 \$sK	3,081.79 \$sK	2,184.40 \$sK

2. Relocation Costs

IV.2 -Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:

Total relocation costs: \$ 728.50 K

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Section IV/V Level Playingfield COBRA Data

One time closure costs: 204\$sM

Twenty year Net Present Value (59)\$sM

Steady state savings 19\$sM per year

Manpower savings associated with closure 844

Return on Investment (years): 13

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Section VI Economic Impact**Economic Area Statistics:**

San Antonio, TX MSA

Total population: 1,377,000 (FY 92)

Total employment: 730,857 (FY 93)

Unemployment Rates (FY93/3 Year Average/10 Year Average)

5.6% / 6.2% / 6.7%

Average annual job growth: 13,745

Average annual per capita income: \$17,284

Average annual increase in per capita income: \$4.6%

Projected economic impact:

Direct Job Loss:	8,915	
Indirect Job Loss:	<u>5,077</u>	
Closure Impact:	13,992	(1.9% of employment total)
Other BRAC Losses:	<u>(129)</u>	
Cumulative Impact:	13,863	(1.9% of employment total)

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Section VII

1. Community Infrastructure

Describe the off-base housing situation.

- VII.1.A.1 Off-base housing is affordable
- VII.1.A.2 Units are available for families
- VII.1.A.2 Units are available for single members.
- VII.1.A.3 6.0 Percent of off-base housing was rated as unsuitable in the latest VHA survey
- VII.1.A.4 Median monthly cost of off-base housing based on latest VHA survey: \$714

Describe the transportation systems.

- VII.1.B.1 The base is served by **REGULARLY SCHEDULED**, public transportation. The following services are available:
VIA METROPOLITAN TRANSIT.
- VII.1.B.2 Distance to the nearest municipal airport with scheduled, commercial air traffic: 15 miles
- VII.1.B.2 Airport name: SAN ANTONIO INTERNATIONAL
- VII.1.B.3 Number of commercial air carriers available at the airport: 13
- VII.1.B.4 Average round trip commuting time to work: 36 minutes

Off-base public recreation facilities:

List ONLY THE NEAREST facility for each subcategory.

Facility Subcategory Type	Name of Nearest Facility	Distance to:	Drive Time		
VII.1.C.1 Swimming pool	SCHERTZ MUNI POOL	8	0 Hrs.	15	Min.
VII.1.C.2 Movie theater	ROLLING OAKS MALL	5	0 Hrs.	10	Min.
VII.1.C.3 Public golf course	WILLOW SPRINGS	25	0 Hrs.	35	Min.
VII.1.C.4 Bowling lane	WONDER BOWL	11	0 Hrs.	17	Min.
VII.1.C.5 Boating	MC QUEENY LAKE	8	0 Hrs.	15	Min.
VII.1.C.6 Fishing	MC QUEENY LAKE	8	0 Hrs.	15	Min.
VII.1.C.7 Zoo	SAN ANTONIO ZOOLOGICAL GARDENS AND AQUARIUM	20	0 Hrs.	30	Min.
VII.1.C.8 Aquarium	SEA WORLD	30	0 Hrs.	42	Min.
VII.1.C.9 Family theme park	FIESTA TEXAS	25	0 Hrs.	35	Min.
VII.1.C.10 Professional sports	ALAMO DOME	15	0 Hrs.	20	Min.

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VII.1.C.11	Collegiate sports	UTSA	25	0 Hrs.	35 Min.
VII.1.C.12	Camping facilities	NEW BRAUNFELS	25	0 Hrs.	35 Min.
VII.1.C.13	Beaches (lake or ocean)	CANYON LAKE	32	0 Hrs.	45 Min.
VII.1.C.14	Outdoor winter sports	Ski Apachi	690	12 Hrs.	30 Min.

VII.1.D Nearest Shopping facility (two major anchor stores plus smaller retail outlets):

ROLLING OAKS MALL 0 hrs 10 min (5 Miles)

VII.1.E Nearest Metropolitan center (population in excess of 100,000):

DOWNTOWN SAN ANTONIO 0 hrs 20 min (15 Miles)

Local area crime rate:

VII.1.F.1 Violent crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Violent crime is defined as the sum of homicide, rape, robbery, felony assault, and simple assault.) 653

VII.1.F.2 Property crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Property crime is defined as the sum of auto theft, burglary, theft, and arson.) 8835

2. Education

VII.2.A The highest maximum allowed pupil to teacher classroom ratio, based on grades K - 12 and using local area ratios: 22 to 1

VII.2.B Local high schools offer a four-year English program.

VII.2.B Local high schools offer a four-year Math program.

VII.2.B Local high schools offer four-year Foreign Language programs.

VII.2.C Local high schools offer an Honors program.

VII.2.D 56.0 percent of high school students go on to either a two- or four-year college

VII.2.E There are opportunities for off-base education within 25 miles of the base.

VII.2.E.1 Opportunities for off-base VOCATIONAL/TECHNICAL TRAINING provided by the following institutions:

SAN ANTONIO COLLEGE, ST PHILLIP'S COLLEGE.

VII.2.E.2 Opportunities for off-base UNDERGRADUATE COLLEGE provided by the following institutions:

IWC, TRINITY, UTSA, TLC, WAYLAND, UT-HSC, OLTL, ST MARY

VII.2.E.3 Opportunities for off-base GRADUATE COLLEGE provided by the following institutions:

WEBSTER, OBLATE, IWC, OLTL, ST MARY'S, TRINITY, UTSA, UT

3. Spousal Employment

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- VII.3.A** 93.0 percent of spouses are able to find employment (within 3 months) in the local community.
- VII.3.B** 46.0 percent of spouses find employment commensurate with job skills, work experience, and education.
- VII.3.C** 5.6 percent unemployment in the local area (Department of Labor Statistics)
- VII.3.D** 8.0 percentage rate of job growth in the local area (Department of Labor Stastics)

4. Local Medical Care

- VII.4.A** Current ratio of active, non-federal physicians in the community: 2.0 physicians/1000 people
- VII.4.B** Current ratio of hospital beds in the community: 4.0 beds/1000 people

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Section VIII

1. Air Quality - Clean Air Act

VIII.1.A Air Quality Management District for the base: Metropolitan San Antonio Intrastate Air Quality Control Region

VIII.1.B The base is NOT located within a maintenance or non-attainment area for pollutants.

VIII.1.C There are NO critical air quality regions within 100 kilometers of the base
(Critical air quality regions are non-attainment areas, national parks, etc.)

VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.

(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)

VIII.1.D.1 The base has NOT been required to impliment emissions reduction through special actions
(i.e. carpooling or emissions credit transfer)

VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:

VIII.E.1 Aerospace Ground Equipment (AGE):

E.1.a The state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.

E.1.b No state or local air quality regulatory agency Requires permits for such units.

E.1.c No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.

E.1.d No state or local air quality regulatory agency Requires retrofit controls for AGE.

VIII.E.2 Infrastructure Maintenance / Public Works

E.2.a No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).

E.2.b No state or local air quality regulatory agency Limits the hours of these activities.

E.2.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.

E.2.d No state or local air quality regulatory agency Requires emission offsets for these activities.

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VIII.E.3 Open Burn/Open Detonation

- E.3.a No state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b The state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a The state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b The state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergency generators.
- E.6.d The state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

VIII.2.A The base potable water supply is On-base and the source is:

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EDWARDS AQUIFER

VIII.2.B There are constraints to the base water supply. Type constraints include:

Quantity constraints

Seasonal Shortages

VIII.2.C The base potable water supply constrains operations as follows:

Aquifer frequently in overdraft, voluntary restrictions. Pending ESA lawsuit could impact fut Ops.

(Contaminants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is contaminated.

VIII.3.A.1 Nature of contamination. PETROLEUM HYDROCARBONS

VIII.3.A.2 The contaminated groundwater is Not a potable water source.

VIII.3.B The base is Not actively involved in groundwater remediation activities.

VIII.3.C 5 water wells exist at the base.

VIII.3.D 3 wells have been abandoned for the following reasons:

PRODUCTIVITY REASONS

4. Water - Surface Water

VIII.4.A The following perennial bodies of water are located on base.

Location	Surface area size
GOLF COURSE: STORM DRAINAGE LAKES	5.00 Acres

VIII.4.A.2 These bodies receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is located within a specified drainage basin.

VIII.4.B Special permits are Not required

(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

VIII.4.C There is No known contamination to the base or local community surface water

Document Separator

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Section I

1. Force Structure

I.1.A List of all on base NAF and non-Air Force activities:

Unit or Activity:	Personnel Authorizations for FY93/4			
	Officer	Enlisted	Civilian	Total
I.1.A.1 64 Svs Squadron (full-time)	-	-	69	69
I.1.A.2 64 Svs Squadron (part-time)	-	-	81	81
I.1.A.3 AAFES	-	-	59	59
I.1.A.4 DECA	-	6	17	23
I.1.A.5 Defense Investigative Service	-	-	2	2
I.1.A.6 Defense Reutiliation Management Office	-	-	1	1
I.1.A.7 Nations Bank of Texas, Nat'l Association	-	-	4	4
I.1.A.8 US Army Corp of Engineers	-	-	2	2
I.1.A.9 US Postal Service	-	-	1	1
TOTAL:				242

I.1.B Remote/Geographically Separated Units receiving more then 50% of Base Operational Support from the base:

I.1.B.1 **Supported Unit:** AFROTC, Texas Tech Univ (I
Location:

GSU - Geographically Separated Unit
REM - Remote Unit

Support provided: Health Services, Education Services, Equipment Maintenance, Finance/Accounting, Supply/Storage, Legal Services, Command Element, Morale/Fitness, Administrative, Audio/Visual, Data Automation, Communications, Food Services, Temporary Services, Personnel, Mortuary, Purchasing/Contracting, Resource Management, Transportation

I.1.B.2 **Supported Unit:** US ARMY RESERVE (ISSA) GSU
Location: LUBBOCK, TX

GSU - Geographically Separated Unit
REM - Remote Unit

Support provided: Command Element, Morale and Fitness, Clubs, Community Support, Explosive Ordinance, Finance/Accounting, Information Services, Supply and Storage, Military Personnel, Mortuary, Printing/Reproduction, Purchasing/Contracting, Resource Management, Training Services, Transportation, Weather Services, Food Services, Administrative, Audio/Visual, Health Services, Housing/Lodging, Education Services, Equipment Maintenance, Legal Services

I.1.B.3 **Supported Unit:** US Naval Reserve Center
Location:

GSU - Geographically Separated Unit
REM - Remote Unit

Support provided: Equipment Maintenance, Health Services, Command Element, Housing/Lodging, Printing/Reproduction, Transportation, Morale/Fitness, Food Services, Supply/Storage

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I.1.B.4 Supported Unit: USMC Reserve Center

GSU - Geographically Separated Unit

Location:

REM - Remote Unit

Support provided: Administrative, Audio/Visual, Education Services, Food Services, Housing/Lodging, Legal Services, Morale/Fitness, Equipment Maintenance, Supply/Storage, Command Element, Explosive Ordinance, Personnel Support, Printing/Reproduction, Finance/Accounting, Health Services

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2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

I.2.A.1 None of the base ATCALs are officially part of the NAS.

I.2.A.2 Details for specific ATC facilities:

	(A.2) ATC Summary:		(A.3) Detailed traffic counts:				
	Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	ILS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
Tower	3	82118	604	81514	N/A	N/A	N/A

I.2.A.4 The primary instrument runway is designated 35C

82118 operations were conducted this runway during calander year 1993

I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:

None

I.2.A.6 The base experiences ATC delays.

I.2.A.6.a Details regarding ATC delays:

Average number of delays per month (over the last 2 years): 31

The total number of sorties per month: 60026

The average length of the delays: 0:10

I.2.A.6.b There is a common rationale for the delays:

Delays occur while trying to obtain IFR release from approach control facility.

B. Geographic Location

I.2.B.1 Nearest major primary airlift customer: FORT SILL distance 191 NM

Nearest major primary airdrop customer: FORT BLISS distance 243 NM

I.2.B.2 Distance to foward deployment Air Bases:

Lajes AB: 3639 NM

Rota AB: 4698 NM

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Hickam AFB: 3048 NM
 RAF Mildenhall: 4561 NM

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway \geq 3,000ft	CANNON AFB	79
I.2.B.4	Military airfield, runway \geq 8,000ft	CANNON AFB	79
I.2.B.5	Military airfield, runway \geq 10,000ft	CANNON AFB	79
I.2.B.6	Military or civilian airfield, runway \geq 3,000ft	Lubbock Int'l Airport	12
I.2.B.7	Military or civilian airfield, runway \geq 8,000ft	Lubbock Int'l Airport	12
I.2.B.8	Military or civilian airfield, runway \geq 10,000ft	Lubbock Int'l Airport	12
I.2.B.9	Civilian airfield, runway \geq 8,000ft for capable of conducting short term operations	Lubbock Int'l Airport	12
I.2.B.10	Civilian airfield, runway \geq 10,000ft for capable of conducting short term operations	Lubbock Int'l Airport	12

I.2.B.11 Other runways on base can be used for emergency landings.

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 There are No supersonic Air Combat Training (ACBT) MOAs or warning/restricted areas (minimum size of 4,200 sq NM) within 300 NM.

I.2.C.2 There are No MOAs or warning/restricted areas (minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft) within 200 NM.

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
R-5107B	226 NM	W-228D	495 NM	W-228 A,B,C,D	498 NM
W-228C	510 NM	O'NEILL	531 NM	W-602	544 NM

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
MELROSE	97 NM	FALCON	178 NM	OSCURA	212 NM

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AIRBURST	321 NM	McMULLEN	365 NM	SMOKEY HILL	367 NM
RAZORBACK	406 NM	CLAIBORNE	480 NM	CANNON	537 NM
GOLDWATER RANGE 3	539 NM	GOLDWATER RANGE 2	548 NM	GOLDWATER RANGE 1	553 NM
GOLDWATER RANGE 4	557 NM	HAG/UTTR	648 NM	EL CENTRO	665 NM
SHELBY WEST	674 NM	KITTYCAT/UTTR	679 NM	SHELBY EAST	679 NM
NELLIS R63	685 NM	EAGLE/UTTR	690 NM	NELLIS R65	693 NM
CHINA LAKE	787 NM				

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

MELROSE	97 NM
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I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

LUKE ACMI	515 NM
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I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

MELROSE	97 NM
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I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	3	9	22	55	90	142
SR	1	20	22	38	61	85
VR	3	4	22	64	100	150
Total Routes:	7	33	66	157	251	377

Identify Routes:

IR-154 42 NM	IR-155 42 NM	VR-1116 55 NM	IR-128 74 NM	VR-114 76 NM	VR-100 94 NM
SR-280 97 NM					
VR-125 104 NM	SR-216 111 NM	IR-172 113 NM	IR-173 113 NM	SR-233 116 NM	SR-236 116 NM
SR-242 116 NM	SR-240 116 NM	SR-267 116 NM	SR-258 116 NM	SR-255 116 NM	SR-251 116 NM
SR-250 116 NM	SR-249 116 NM	SR-245 116 NM	SR-244 116 NM	SR-273 116 NM	SR-243 116 NM
SR-234 116 NM	IR-107 123 NM	IR-113 128 NM	SR-208 129 NM	SR-217 129 NM	IR-180 133 NM
IR-150 139 NM	SR-206 140 NM				
VR-1142 154 NM	VR-1144 155 NM	VR-1174 157 NM	IR-116 158 NM	VR-159 161 NM	VR-1138 162 NM
SR-205 165 NM	VR-1141 165 NM	IR-133 169 NM	VR-1143 173 NM	VR-118 174 NM	IR-134 178 NM
VR-163 178 NM	VR-162 179 NM	IR-111 181 NM	VR-158 183 NM	VR-1139 185 NM	IR-124 186 NM
VR-186 186 NM	VR-108 186 NM	VR-1140 186 NM	IR-102 188 NM	IR-131 188 NM	IR-141 188 NM
IR-139 189 NM	VR-1145 190 NM	IR-130 194 NM	VR-196 195 NM	IR-177 197 NM	SR-213 197 NM
VR-1107 198 NM	IR-103 199 NM	IR-105 199 NM			

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VR-1146	201 NM	VR-1110	209 NM	VR-1195	209 NM	IR-110	211 NM	SR-214	212 NM	VR-104	214 NM
IR-115	217 NM	IR-132	218 NM	IR-122	219 NM	SR-294	223 NM	SR-295	223 NM	VR-1117	225 NM
IR-144	226 NM	IR-165	226 NM	VR-101	226 NM	IR-178	226 NM	IR-170	232 NM	IR-169	234 NM
IR-171	239 NM	SR-296	239 NM	IR-182	239 NM	IR-503	240 NM	IR-181	248 NM	IR-183	248 NM
IR-175	249 NM	IR-145	251 NM	IR-146	251 NM	SR-261	253 NM	VR-143	253 NM	SR-270	254 NM
VR-1124	254 NM	IR-117	258 NM	IR-123	258 NM	VR-1137	258 NM	VR-1128	258 NM	VR-1113	258 NM
IR-185	265 NM	SR-286	267 NM	VR-152	269 NM	VR-1108	270 NM	VR-1109	270 NM	IR-149	275 NM
SR-212	277 NM	IR-409	278 NM	SR-293	285 NM	VR-176	288 NM	VR-1122	291 NM	IR-414	292 NM
IR-109	293 NM	VR-138	296 NM	IR-112	300 NM	VR-119	300 NM	SR-228	301 NM	IR-129	303 NM
IR-126	306 NM	IR-142	312 NM	VR-532	314 NM	VR-188	315 NM	VR-1105	321 NM	VR-156	321 NM
VR-1152	321 NM	VR-1120	324 NM	SR-290	326 NM	SR-292	326 NM	SR-210	328 NM	SR-211	328 NM
VR-1574	331 NM	VR-536	331 NM	VR-534	336 NM	VR-535	336 NM	IR-148	346 NM	VR-189	348 NM
VR-533	358 NM	VR-412	359 NM	VR-413	359 NM	IR-127	361 NM	VR-187	361 NM	VR-1106	363 NM
IR-164	365 NM	VR-1104	365 NM	VR-1123	366 NM	VR-168	366 NM	VR-544	366 NM	VR-552	367 NM
VR-1121	368 NM	VR-531	368 NM	IR-415	375 NM	IR-147	376 NM	VR-1130	392 NM	SR-223	400 NM
SR-224	400 NM										
IR-506	404 NM	VR-1522	404 NM	VR-1182	409 NM	VR-1523	409 NM	IR-507	411 NM	IR-524	415 NM
VR-1546	416 NM	VR-106	417 NM	IR-135	425 NM	VR-151	427 NM	IR-136	429 NM	VR-1233	430 NM
VR-260	430 NM	VR-259	431 NM	VR-267	431 NM	VR-268	431 NM	VR-269	431 NM	VR-263	431 NM
VR-545	445 NM	IR-320	446 NM	IR-121	448 NM	VR-1103	448 NM	IR-166	448 NM	SR-239	449 NM
IR-502	453 NM	IR-504	453 NM	IR-505	457 NM	IR-416	459 NM	IR-120	461 NM	VR-1102	461 NM
VR-512	467 NM	SR-540	472 NM	SR-542	472 NM	SR-541	472 NM	IR-514	475 NM	VR-511	476 NM
IR-276	477 NM	IR-167	489 NM	SR-218	491 NM	SR-220	491 NM	SR-222	491 NM	SR-227	491 NM
SR-230	491 NM	SR-232	491 NM	SR-237	491 NM	VR-1525	491 NM	SR-231	491 NM	SR-229	491 NM
SR-226	491 NM	SR-221	491 NM	SR-219	491 NM	SR-618	493 NM	SR-619	493 NM	IR-517	498 NM
VR-1520	498 NM	VR-1515	498 NM	IR-160	499 NM	IR-518	499 NM	IR-161	499 NM	VR-541	505 NM
VR-239	511 NM	VR-245	511 NM	IR-500	515 NM	IR-501	515 NM	SR-616	516 NM	SR-617	516 NM
VR-1196	521 NM	VR-246	521 NM	VR-244	521 NM	VR-1219	521 NM	VR-1220	521 NM	VR-223	521 NM
VR-242	521 NM	VR-540	527 NM	VR-231	534 NM	IR-254	539 NM	IR-250	545 NM	VR-510	548 NM
IR-400	557 NM	VR-1521	571 NM	SR-238	573 NM	VR-1032	575 NM	IR-070	576 NM	IR-508	581 NM
IR-509	581 NM	IR-527	581 NM	SR-073	582 NM	SR-074	582 NM	IR-068	586 NM	IR-429	587 NM
IR-473	587 NM	IR-476	587 NM	IR-499	587 NM	IR-476A	587 NM				
VR-1072	608 NM	IR-592	610 NM	VR-299	614 NM	VR-1267	616 NM	SR-075	617 NM	IR-613	621 NM
VR-1406	623 NM	IR-266	625 NM	VR-1266	634 NM	VR-1268	634 NM	VR-1267	634 NM	VR-1225	637 NM
SR-397	642 NM	IR-044	651 NM	VR-289	651 NM	VR-296	651 NM	IR-425	651 NM	IR-255	653 NM
IR-091	654 NM	SR-137	655 NM	IR-310	656 NM	VR-1253	656 NM	VR-1016	658 NM	IR-214	663 NM

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IR-157	664 NM	IR-174	664 NM	IR-418	665 NM	IR-420	665 NM	SR-030	669 NM	VR-1033	669 NM
IR-078	671 NM	IR-285	674 NM	VR-179	674 NM	IR-252	680 NM	SR-031	680 NM	IR-216	681 NM
VR-1031	683 NM	VR-1445	683 NM	IR-218	686 NM	VR-1446	687 NM	VR-1422	690 NM	VR-1423	690 NM
VR-1211	691 NM	VR-288	693 NM	VR-1083	694 NM	VR-1014	696 NM	IR-286	699 NM	SR-029	705 NM
VR-615	706 NM	IR-498	707 NM	IR-235	708 NM	VR-1022	709 NM	VR-1030	711 NM	IR-037	718 NM
IR-212	718 NM	IR-217	718 NM	IR-213	718 NM	IR-614	723 NM	VR-1635	723 NM	IR-040	725 NM
VR-1023	725 NM	VR-1024	725 NM	VR-1021	725 NM	IR-038	727 NM	SR-225	728 NM	VR-1020	729 NM
IR-430	731 NM	IR-490	731 NM	SR-062	731 NM	SR-061	731 NM	SR-060	731 NM	SR-059	731 NM
IR-492	731 NM	IR-234	733 NM	IR-238	733 NM	IR-290	745 NM	VR-209	745 NM	IR-293	745 NM
VR-1259	745 NM	IR-290A	745 NM	VR-1214	746 NM	VR-1616	746 NM	VR-1215	746 NM	VR-1260	749 NM
IR-066	756 NM	IR-067	756 NM	VR-1051	756 NM	VR-1050	756 NM	IR-281	758 NM	VR-060	761 NM
VR-1218	761 NM	VR-1217	761 NM	IR-279	762 NM	IR-237	764 NM	SR-728	766 NM	SR-729	766 NM
VR-1252	768 NM	VR-1679	771 NM	VR-1054	775 NM	IR-069	777 NM	IR-077	778 NM	SR-730	779 NM
SR-731	779 NM	IR-021	782 NM	IR-280	788 NM	IR-282	788 NM	IR-206	789 NM	SR-773	792 NM
IR-041	794 NM	VR-1067	794 NM	IR-063	794 NM	IR-618	795 NM	VR-619	795 NM	IR-057	797 NM
VR-1085	797 NM	VR-1084	797 NM	SR-106	797 NM	SR-101	797 NM	SR-103	797 NM	VR-1082	797 NM
SR-104	797 NM	IR-059	797 NM	SR-069	799 NM	SR-070	799 NM	SR-071	799 NM	SR-072	799 NM

I.2.C.9 IR-429 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 587 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
13	24	49

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance
AR-013 EAST	66 NM	AR-013 WEST	112 NM	AR-113 EAST	118 NM	AR-114	118 NM
AR-104 EAST	129 NM	AR-602	135 NM	AR-312	157 NM	AR-113 WEST	167 NM
AR-104 WEST	168 NM	AR-314 WEST	169 NM	AR-644 SOUTH	175 NM	AR-644 NORTH	182 NM
AR-623	195 NM						
AR-650	216 NM	AR-314 EAST	222 NM	AR-102A EAST	230 NM	AR-115	250 NM
AR-310 EAST	265 NM	AR-310 WEST	265 NM	AR-309 EAST	268 NM	AR-461	273 NM
AR-116 EAST	274 NM	AR-643	275 NM	AR-330 EAST	293 NM		
AR-167 NORTH	301 NM	AR-167 SOUTH	301 NM	AR-112 EAST	307 NM	AR-614	323 NM

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AR-613	336 NM	AR-3L	341 NM	AR-313 SOUTH	352 NM	AR-639	353 NM
AR-639A	353 NM	AR-116 WEST	356 NM	AR-3H WEST	371 NM	AR-313 NORTH	381 NM
AR-674	384 NM	AR-653	394 NM	AR-112 WEST	404 NM	AR-330 WEST	412 NM
AR-201 WEST	417 NM	AR-309 WEST	423 NM	AR-658	431 NM	AR-201 EAST	443 NM
AR-017 NORTH	444 NM	AR-3H EAST	451 NM	AR-622	454 NM	AR-019 NORTH	462 NM
AR-024 NORTH	462 NM						

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
3175	6049

Track	Distance	Events	Track	Distance	Events	Track	Distance	Events	Track	Distance	Events
AR-013	66 NM	329	AR-113	118 NM	27	AR-114	118 NM	566	AR-104	129 NM	123
AR-314	169 NM	256	AR-102	230 NM	10	AR-309	268 NM	138	AR-116	274 NM	541
AR-112	307 NM	360	AR-201	417 NM	490	AR-017	444 NM	186	AR-024	462 NM	149
AR-110	503 NM	596	AR-011	524 NM	87	AR-014	524 NM	635	AR-101	565 NM	217
AR-105	591 NM	285	AR-302	601 NM	445	AR-111	613 NM	303	AR-016	618 NM	157

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 118NM from the base."

I.2.C.10d Percentage of tanker demand in region: 19.0

Percentage of tankers based in region: 19.0

Tanker saturation within the region has been classified as tanker Balanced

I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
ANTELOPE - FT HOOD	255 NM	✓	✓	✓	1	2
ANTELOPE - PINON	250 NM	✓	✓	✓	0	0
APOLLO (CIR)	256 NM	✓	✓	✓	0	0
ARDMORE(CIR)	254 NM	✓	✓	✓	0	0
ARROYO	255 NM	✓	✓	✓	0	0
BRADFORDS FOLLY	127 NM		✓	✓	0	0
BURRIS (N)	234 NM	✓	✓		0	2
CHOLA	250 NM	✓	✓	✓	0	0
DEVIL	199 NM	✓	✓	✓	0	0
DEVILS RIVER	252 NM	✓	✓		0	0
DOUGHBOY 2	322 NM	✓	✓	✓	0	0

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EAGLE MOUNTAIN	232 NM	✓	✓	✓	0	1
ELEPHANT BUTTE #1	257 NM	✓	✓		0	0
ELEPHANT BUTTE #2	259 NM	✓	✓		0	0
FT HOOD	257 NM		✓	✓	1	2
FT SILL CIRCULA	197 NM	✓	✓	✓	2	3
GEMINI	256 NM	✓	✓	✓	0	0
GRANDMA	253 NM	✓	✓	✓	0	0
GRANDMA (CIR)	253 NM	✓	✓	✓	0	0
GRANDPA	253 NM	✓	✓	✓	0	0
GRANGE NORTH	233 NM	✓	✓	✓	0	0
GRANGE SOUTH	233 NM	✓	✓	✓	0	0
HALL	293 NM	✓	✓	✓	0	0
HOGBACK	250 NM	✓	✓	✓	0	0
MARRION IMC N	131 NM	✓	✓	✓	0	14
MARRION IMC S	131 NM	✓	✓	✓	0	13
MELROSE	96 NM		✓		5	0
MINERAL WELLS	205 NM		✓	✓	0	2
MINERAL WLS CAT	205 NM		✓	✓	0	2
MINERAL WLS CIR	205 NM		✓	✓	0	2
MINERAL WLS SKE	205 NM		✓	✓	0	2
O'DELL	211 NM	✓	✓	✓	0	0
PINE	252 NM	✓	✓	✓	0	0
PINON	252 NM	✓	✓	✓	0	0
PINON (CIR)	252 NM	✓	✓	✓	0	0
PREY	255 NM	✓	✓	✓	0	0
PRONGHORN	250 NM	✓	✓	✓	0	0
RAPIDO	253 NM	✓	✓	✓	0	2
RAPTOR	255 NM	✓	✓	✓	0	0
RIO PUERCO (A)	257 NM		✓		0	0
RIO PUERCO (CIR)	257 NM	✓	✓		0	0

I.2.C.11.a

Drop Zone

Servicing Instrument and Slow Routes (IRs and SRs)

ANTELOPE - FT HOOD	IR-139	SR-258	SR-261						
BURRIS (N)	SR-211	SR-214							
EAGLE MOUNTAIN	SR-228								
FT HOOD	IR-139	SR-258	SR-261						
FT SILL CIRCULA	IR-103	IR-105	SR-294	SR-295	SR-296				

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MARRION IMC N	SR-036	SR-040	SR-233	SR-234	SR-236	SR-240	SR-242	SR-243	SR-244
	SR-245	SR-249	SR-250	SR-251	SR-255				
MARRION IMC S	SR-073	SR-233	SR-234	SR-236	SR-240	SR-242	SR-243	SR-244	SR-245
	SR-249	SR-250	SR-251	SR-255					
MELROSE	IR-107	IR-109	IR-111	IR-113	IR-180				
MINERAL WELLS	SR-228	SR-270							
MINERAL WLS CAT	SR-228	SR-270							
MINERAL WLS CIR	SR-228	SR-270							
MINERAL WLS SKE	SR-228	SR-270							
RAPIDO	SR-258	SR-261							

I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

ALTUS (C-17)

152 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
MELROSE	96 NM		✓		0	0
O'DELL	211 NM	✓	✓	✓	0	0

I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM>

FORT SILL

191 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 **The base Does not control or manage any ranges, questions I.2.D.2 to I.2.D.17 skipped.**

Ranges (Used by the base)

I.2.D.18 **The base does Not uses ranges on a regular basis**

I.2.D.19

The mission/training is Not impacted by training area airspace encroachment.

The mission/training is not impacted by training area airspace noise abatement procedures.

The mission/training is not impacted by training area traffic procedures.

I.2.D.20

I.2.D.21

I.2.D.22

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E. Airspace Used by Base

I.2.E.1 Airspaces scheduled or managed by the base:

ALERT AREA A-637	Alert Area
IR 154	MTA
IR 155	MTA
NORMAN ATCAA	ATCAA
RAMSEY ATCAA	ATCAA
REESE 1 ATCAA	ATCAA
REESE 1 MOA	MOA
REESE 2 ATCAA	ATCAA
REESE 2 MOA	MOA
REESE 3 ATCAA	ATCAA
REESE 3 MOA	MOA
REESE 4 ATCAA	ATCAA
REESE 4 MOA	MOA
REESE 5 ATCAA	ATCAA
REESE 5 MOA	MOA
SR 274/276	MTA
SR 275/277	MTA

Details for airspace scheduled or managed by the base:

Airspace: ALERT AREA A-637

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:
COMPLETE

I.2.E.2.b There are problems No associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:

I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.

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- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
 SUNRISE-SUNSET, MON-FRI
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled:** 3,054 hrs
- I.2.E.7.b** **Hours used:** 3,054 hrs
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 SURFACE UP TO AND INCLUDING 5800FT MSL, 754 SQ MILES
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: IR 154
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 COMPLETE
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:

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- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
 SUNRISE-SUNSET, MON-FRI
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled: 2,371 hrs**
- I.2.E.7.b** **Hours used: 293 hrs**
- I.2.E.7.c** **Reasons for non-use:**
 SYLLABUS DIRECTED TRAINING REQUIREMENTS
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 CORRIDOR - 4NM WIDTH
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: IR 155
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 COMPLETE
- I.2.E.2.b** **There are problems associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**

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The DOPAA was used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

I.2.E.3 List of Noise Sensitive Areas (NSAs) associated with the airspace:

I.2.E.3.a TOWN OF GOODNIGHT

I.2.E.3.b No affect on or threat to the quality of training or the mission.

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.

I.2.E.6 There are No restrictions currently acting on this airspace

I.2.E.7 Published availability of the airspace:

SUNRISE TO SUNSET, MON-FRI

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a Hours scheduled: 2,346 hrs

I.2.E.7.b Hours used: 297 hrs

I.2.E.7.c Reasons for non-use:

SYLLABUS DIRECTED TRAINING REQUIREMENTS

I.2.E.8 Utilization of the airspace can be increased.

I.2.E.9 It is possible to expand hours and volume to increase the airspace utilization.

I.2.E.10 Description of the volume or area of the Airspace:

CORRIDOR - 10 NM WIDTH

I.2.E.11 100.00 percent of the airspace is usable.

Airspace: NORMAN ATCAA

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

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COMPLETE

- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
NOT PUBLISHED
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 3,044 hrs
- I.2.E.7.b** Hours used: 0 hrs
- I.2.E.7.c** Reasons for non-use:
USAGE RECORDS NOT REQUIRED/KEPT
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
FL180 UP TO AND INCLUDING FL260, 550 SQ MILES
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: RAMSEY ATCAA

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- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
COMPLETE
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
NOT PUBLISHED
- Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** Hours scheduled: 3,044 hrs
- I.2.E.7.b** Hours used: 0 hrs
- I.2.E.7.c** Reasons for non-use:
USAGE HOURS NOT REQUIRED/KEPT
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
FL180 UP TO AND INCLUDING FL260, 550 SQ MILES

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Reese AFB - AETC

- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: REESE 1 ATCAA
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
COMPLETE
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
 The DOPAA was used in the latest environmental analysis and supersonic waiver.
 Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
 SUNRISE-SUNSET, MON-FRI
 Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 3,044 hrs
- I.2.E.7.b** Hours used: 1,750 hrs
- I.2.E.7.c** Reasons for non-use:
 WEATHER AND FLYING HOUR AVAILABILITY
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.

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Reese AFB - AETC

- I.2.E.10** **Description of the volume or area of the Airspace:**
 FL180 UP TO AND INCLUDING FL260, 1106 SQ MILES
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: REESE 1 MOA
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 COMPLETE
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
 SUNRISE-SUNSET, MON-FRI
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled:** 3,044 hrs
- I.2.E.7.b** **Hours used:** 1,750 hrs
- I.2.E.7.c** **Reasons for non-use:**
 WEATHER AND FLYING HOUR AVAILABILITY

1995 AIR FORCE BASE QUESTIONNAIRE**Reese AFB - AETC**

- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
12,000 MSL UP TO BUT NOT INCLUDING FL180, 1106 SQ MILES
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: REESE 2 ATCAA
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
COMPLETE
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
SUNRISE-SUNSET, MON-FRI
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 3,044 hrs
- I.2.E.7.b** Hours used: 3,934 hrs

1995 AIR FORCE BASE QUESTIONNAIRE
Reese AFB - AETC

ATCAA SPLIT INTO MULTIPLE TRAINING AREAS

- I.2.E.8 Utilization of the airspace can be increased.**
- I.2.E.9 It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10 Description of the volume or area of the Airspace:**
FL180 UP TO AND INCLUDING FL230, 1154 SQ MILES
- I.2.E.11 100.00 percent of the airspace is usable.**
Airspace: REESE 2 MOA
- I.2.E.2 An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a Status of the environmental analysis and supplement:**
COMPLETE
- I.2.E.2.b There are problems No associated with the environmental analysis.**
- I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6 There are No restrictions currently acting on this airspace**
- I.2.E.7 Published availability of the airspace:**
SUNRISE-SUNSET, MON-FRI
Range scheduling statistics (yearly average from 1990 to 93.

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I.2.E.7.a **Hours scheduled:** 3,044 hrs
I.2.E.7.b **Hours used:** 3,909 hrs

MOA SPLIT INTO MULTIPLE TRAINING AREAS

I.2.E.8 **Utilization of the airspace can be increased.**

I.2.E.9 **It is possible to expand hours and volume to increase the airspace utilization.**

I.2.E.10 **Description of the volume or area of the Airspace:**

10,000 MSL UP TO BUT NOT INCLUDING FL180, 1154 SQ MILES

I.2.E.11 **100.00 percent of the airspace is usable.**

Airspace: REESE 3 ATCAA

I.2.E.2 **An environmental analysis has been conducted for this airspace.**

I.2.E.2.a **Status of the environmental analysis and supplement:**
COMPLETE

I.2.E.2.b **There are problems No associated with the environmental analysis.**

I.2.E.2.c **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:

I.2.E.3 **There are No Noise Sensitive Areas associated with the airspace.**

I.2.E.4 **Commercial / civilian encroachment problems associated with the airspace:**

I.2.E.5 **There are No planned expansions (including new airspace) to the base's special use airspace.**

I.2.E.6 **There are No restrictions currently acting on this airspace**

I.2.E.7 **Published availability of the airspace:**

1995 AIR FORCE BASE QUESTIONNAIRE
Reese AFB - AETC

SUNRISE-SUNSET, MON-FRI

Range scheduling statistics (yearly average from 1990 to 93).

I.2.E.7.a Hours scheduled: 3,044 hrs

I.2.E.7.b Hours used: 2,752 hrs

I.2.E.7.c Reasons for non-use:

WEATHER AND FLYING HOUR AVAILABILITY

I.2.E.8 Utilization of the airspace can be increased.

I.2.E.9 It is possible to expand hours and volume to increase the airspace utilization.

I.2.E.10 Description of the volume or area of the Airspace:

FL180 UP TO AND INCLUDING FL260, 2689 SQ MILES

I.2.E.11 100.00 percent of the airspace is usable.

Airspace: REESE 3 MOA

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

COMLETE

I.2.E.2.b There are problems No associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.

The DOPAA was used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.

I.2.E.6 There are No restrictions currently acting on this airspace

1995 AIR FORCE BASE QUESTIONNAIRE
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- I.2.E.7** **Published availability of the airspace:**
 SUNRISE-SUNSET, MON-FRI
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled:** 3,044 hrs
- I.2.E.7.b** **Hours used:** 2,752 hrs
- I.2.E.7.c** **Reasons for non-use:**
 MOA SPLIT INTO MULTIPLE TRAINING AREAS
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 12000 MSL UP TO BUT NOT INCLUDING FL180, 2689 SQ MILES
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: REESE 4 ATCAA
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 COMPLETE
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**

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I.2.E.6 **There are No restrictions currently acting on this airspace**

I.2.E.7 **Published availability of the airspace:**

SUNRISE-SUNSET, MON-FRI

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a **Hours scheduled:** 3,044 hrs

I.2.E.7.b **Hours used:** 3,215 hrs

ATCAA SPLIT INTO MULTIPLE TRAINING AREAS

I.2.E.8 **Utilization of the airspace can be increased.**

I.2.E.9 **It is possible to expand hours and volume to increase the airspace utilization.**

I.2.E.10 **Description of the volume or area of the Airspace:**

FL180 UP TO AND INCLUDING FL230, 882 SQ MILES

I.2.E.11 **100.00 percent of the airspace is usable.**

Airspace: REESE 4 MOA

I.2.E.2 **An environmental analysis has been conducted for this airspace.**

I.2.E.2.a **Status of the environmental analysis and supplement:**

COMPLETE

I.2.E.2.b **There are problems No associated with the environmental analysis.**

I.2.E.2.c **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**

The DOPAA was used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

I.2.E.3 **There are No Noise Sensitive Areas associated with the airspace.**

I.2.E.4 **Commercial / civilian encroachment problems associated with the airspace:**

I.2.E.5 **There are No planned expansions (including new airspace) to the base's special use airspace.**

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I.2.E.6 **There are No restrictions currently acting on this airspace**

I.2.E.7 **Published availability of the airspace:**
 SUNRISE-SUNSET, MON-FRI

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a **Hours scheduled: 3,044 hrs**

I.2.E.7.b **Hours used: 3,215 hrs**

MOA SPLIT INTO MULTIPLE TRAINING AREAS

I.2.E.8 **Utilization of the airspace can be increased.**

I.2.E.9 **It is possible to expand hours and volume to increase the airspace utilization.**

I.2.E.10 **Description of the volume or area of the Airspace:**

 10,000 MSL UP TO BUT NOT INCLUDING FL180, 882 SQ MILES

I.2.E.11 **100.00 percent of the airspace is usable.**

Airspace: REESE 5 ATCAA

I.2.E.2 **An environmental analysis has been conducted for this airspace.**

I.2.E.2.a **Status of the environmental analysis and supplement:**
COMPLETE

I.2.E.2.b **There are problems No associated with the environmental analysis.**

I.2.E.2.c **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:

I.2.E.3 **There are No Noise Sensitive Areas associated with the airspace.**

I.2.E.4 **Commercial / civilian encroachment problems associated with the airspace:**

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- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
 SUNRISE-SUNSET, MON-FRI
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled: 3,044 hrs**
- I.2.E.7.b** **Hours used: 1,175 hrs**
- I.2.E.7.c** **Reasons for non-use:**
 WEATHER AND FLYING HOUR AVAILABILITY
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 FL180 UP TO AND INCLUDING FL260, 1483 SQUARE MILES
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: REESE 5 MOA
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 COMPLETE
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**

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- I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6 There are No restrictions currently acting on this airspace**
- I.2.E.7 Published availability of the airspace:**
SUNRISE-SUNSET, MON-FRI
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a Hours scheduled: 3,044 hrs**
- I.2.E.7.b Hours used: 1,175 hrs**
- I.2.E.7.c Reasons for non-use:**
WEATHER AND FLYING HOUR AVAILABILITY
- I.2.E.8 Utilization of the airspace can be increased.**
- I.2.E.9 It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10 Description of the volume or area of the Airspace:**
12,000 MSL UP TO BUT NOT INCLUDING FL180, 1483 SQ MILES
- I.2.E.11 100.00 percent of the airspace is usable.**
Airspace: SR 274/276
- I.2.E.2 An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a Status of the environmental analysis and supplement:**
COMPLETE
- I.2.E.2.b There are problems No associated with the environmental analysis.**
- I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:

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- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
SUNRISE-SUNSET, MON-FRI
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 1 hrs
- I.2.E.7.b** Hours used: 0 hrs
- I.2.E.7.c** Reasons for non-use:
New route, No data available
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
CORRIDOR - 8NM WIDTH
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: SR 275/277
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
COMPLETE
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.

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Explanation for any lack of reports:

- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
 SUNRISE-SUNSET, MON-FRI
 Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 1 hrs
- I.2.E.7.b** Hours used: 0 hrs
- I.2.E.7.c** Reasons for non-use:
 New route, No data available
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
 CORRIDOR - 8NM WIDTH
- I.2.E.11** 100.00 percent of the airspace is usable.
- Commercial Aviation Impact**
- I.2.E.12** The base is Not joint-use (military/civilian).
- I.2.E.13** List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
ABERNATHY	Uncontrolled
ASKEW	Uncontrolled

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BIGGEN HILL	Uncontrolled
COCHRAN	Uncontrolled
CONE	Uncontrolled
CROSBYTON	Uncontrolled
EVERITT	Uncontrolled
FLOYDADA	Uncontrolled
HALE	Uncontrolled
HARMEL	Uncontrolled
HART	Uncontrolled
HORAN	Uncontrolled
LAMESA	Uncontrolled
LANEY	Uncontrolled
LANEY FARM	Uncontrolled
LEVELLAND	Uncontrolled
LITTLEFIELD	Uncontrolled
LUBBOCK INTERNATIONAL	Commercial
MACY	Uncontrolled
MCNABB	Uncontrolled
MULESHOE	Uncontrolled
POST-GARZA	Uncontrolled
SEAGRAVES	Uncontrolled
SLAYTON	Uncontrolled
SMITH	Uncontrolled
SUDAN	Uncontrolled
TAHOKA	Uncontrolled
TERRY	Uncontrolled
TOWN AND COUNTRY	Uncontrolled
WILLIAMS	Uncontrolled
WITLIS-ISLER	Uncontrolled
YOAKUM	Uncontrolled

I.2.E.14 **Civilian/commercial operators or other airspace users constrain or limit operations:**

I.2.E.14.a **Description of impacts:** During peak arrival and departure times at Lubbock International, access to instrument approaches at Lubbock is restricted and Reese aircraft are held to lower altitudes than optimal.

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F. Potential for Growth in Training Airspace (Area)

- I.2.F.1** Expansion of training airspace is Not possible.
- I.2.F.2** Current access will remain the same.
- I.2.F.3** No reductions in training airspace are expected.
- I.2.F.4** Current special use airspace and training areas meet all training requirements.
- I.2.F.4.a** Deployed, off-station training is not required to meet training requirements.

G. Composite / Integrated Force Training

- I.2.G.1** Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:
 FORT SILL
 191 NM from the base.
- I.2.G.2** DELETED
- I.2.G.3** Nearest Naval unit where joint training can be accomplished:
 Dallas NAS, TX
 262 mi from the base.
- I.2.G.4** Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:
 Cannon AFB, NM
 75 mi from the base.
- I.2.G.5** DELETED

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

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I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / ½ mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
99.0	98.2	91.5	87.9	87.1

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 93.2 percent of the time

I.2.J.2.b Is at or below 25 knots 98.6 percent of the time

I.2.J.3 17 Days have freezing participation (mean per year).

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Section II**1. Installation Capacity & Condition****A. Land**

	Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
II.1.A.1	PARASAIL FIELD	LEASED	310	310	
II.1.A.2	REESE AFB	MAIN BASE	2,983	2,858	125
II.1.A.3	TERRY COUNTY	AUXILIARY FIELD	660	660	
		TOTALS:	3,953	3,828	125

B. Facilities**II.1.B.1 From real property records:**

	Facility Category Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	(C) Excess Capacity
II.1.B.1.a.i	121-122	Hydrant Fueling System Pits	EA	0	0		0.0	0.0	0
II.1.B.1.a.ii	121-122a	Consolidated Aircraft Support System	EA	0	0		0.0	0.0	0
II.1.B.1.b	131	Communications-Buildings	SF	N/A	10,970	100.0	0.0	0.0	N/A
II.1.B.1.c	141	Operations-Buildings	SF	N/A	12,071	91.0	9.0	0.0	N/A
II.1.B.1.c.i	141-232	Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	141-753	Squadron Operations	SF	0	0		0.0	0.0	0
II.1.B.1.c.iii	141-782	Air Freight Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.iv	141-784	Air Passenger Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.v	141-785	Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	171	Training Buildings	SF	N/A	137,440	44.0	47.0	9.0	N/A
II.1.B.1.d.i	171-211	Flight Training	SF	0	0		0.0	0.0	0
II.1.B.1.d.ii	171-211a	Combat Crew Trng Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	171-212	Flight Simulator Training (High Bay)	SF	60,683	60,683	0.0	100.0	0.0	0
II.1.B.1.d.iv	171-212a	Companion Trng Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	171-618	Field Training Facility	SF	0	0		0.0	0.0	0
II.1.B.1.e	211	Maintenance Aircraft	SF	N/A	267,054	100.0	0.0	0.0	N/A
II.1.B.1.e.i	211-111	Maintenance Hanger	SF	128,901	128,901	78.0	22.0	0.0	0
II.1.B.1.e.ii	211-152	General Purpose Aircraft Maintenance	SF	42,000	45,844	4.0	96.0	0.0	3,844
II.1.B.1.e.iii	211-152a	DASH 21	SF	0	0		0.0	0.0	0
II.1.B.1.e.iv	211-153	Non-Destructive Inspection (NDI) Lab	SF	6,951	6,951	100.0	0.0	0.0	0

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II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	21,659	21,659	100.0	0.0	0.0	0
II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	31,021	31,021	22.0	78.0	0.0	0
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	17,760	17,760	100.0	0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	8,008	8,008	100.0	0.0	0.0	0
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	6,750	6,750	100.0	0.0	0.0	0
II.1.B.1.e.xiii	211-183	Test Cell	SF	0	0		0.0	0.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.	214	Maintenance-Automotive	SF	N/A	100	100.0	0.0	0.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	2,700	3,720	100.0	0.0	0.0	1,020
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	0	0		0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	0	0		0.0	0.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	5,574	7.0	93.0	0.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	0	0		0.0	0.0	0
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	0	0		0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	7,000	7,600	100.0	0.0	0.0	600
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	14,485	22,589	100.0	0.0	0.0	8,104
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	3,880	3,048	0.0	100.0	0.0	0
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	49,559	88.0	0.0	12.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	15,714	22,172	96.0	3.0	1.0	6,458
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	695	100.0	0.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	0	0		0.0	0.0	0

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II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	0	0		0.0	0.0	0
II.1.B.1.t.iii	422-264	Igloo Magazine	SF	0	0		0.0	0.0	0
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	0	0		0.0	0.0	0
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	0	0		0.0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	62,013	0.0	0.0	0.0	N/A
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	2,607	10,240	85.0	11.0	4.0	7,633
II.1.B.1.v.ii	442-258	LOX Storage	GA	1,000	1,000	100.0	0.0	0.0	0
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	43,210	43,210	100.0	0.0	0.0	0
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	0	0		0.0	0.0	0
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	0	0		0.0	0.0	0
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	50,858	100.0	0.0	0.0	N/A
II.1.B.1.x	530	Medical Laboratories	SF	N/A	4,500	39.0	0.0	61.0	N/A
II.1.B.1.y	540	Dental Clinics	SF	N/A	3,460	100.0	0.0	0.0	N/A
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	179,953	76.0	13.0	11.0	N/A
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	0	0		0.0	0.0	0
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0		0.0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	28	100.0	0.0	0.0	N/A
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	207	434	100.0	0.0	0.0	227
II.1.B.1.cc	722	Dining Hall	SF	N/A	13,567	0.0	100.0	0.0	N/A
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	7,800	13,567	0.0	100.0	0.0	5,767
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	152	99.0	1.0	0.0	N/A
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	51,243	65.0	30.0	5.0	N/A
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	257,126	59.0	39.0	2.0	N/A
II.1.B.1.gg	852-273	Acft Support Equipment Storage	SY	0	0		0.0	0.0	0

Notes for specific Cat Codes:

II.1.B.1.v.i 442-257a HAZARDOUS STORAGE

II.1.B.2 From in-house survey:

Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	111 Aircraft Pavement-Runway(s)	SY	706,688	80.0	20.0	0.0
II.1.B.1.b	112 Airfield Pavements-Taxiways	SY	221,490	62.0	38.0	0.0
II.1.B.1.c	113 Airfield Pavement-Apron(s)	SY	378,390	9.0	91.0	0.0

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II.1.B.1.d	116-662	Dangerous Cargo Pad	SY	11,333	40.0	60.0	0.0
II.1.B.1.e	812	Elec Power-Trans & Distr Lines	LF	280,760	100.0	0.0	0.0
II.1.B.1.f	822	Heat-Trans & Distr Lines	LF	0			
II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	108,828	30.0	70.0	0.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	369,700	70.0	30.0	0.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	4,456	100.0	0.0	0.0
II.1.B.1.j	851	Roads	SY	561,458	92.0	8.0	0.0
II.1.B.1.k	852	Veh/Equip Parking	SY	239,877	86.0	14.0	0.0

C. Family Housing (Facility Category Code 711)

II.1.C.1 Capacity (housing Inventory)

II.1.C.1.a Number of adequate units from current DD Form 1410, line 18d:

400

II.1.C.1.b Number of substandard units from current DD Form 1410, line 18e:

0

II.1.C.1.c Current deficit (-) or surplus units in validated Market Analysis:

609

(includes E-1 - E3 requirements)

II.1.C.1.c.i A Market Analysis was used to answer the questions in Section II.1.C.

II.1.C.1.d FY95/4 projected net housing deficit (-) or surplus of units:

501

(includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)

II.1.C.2 Condition

II.1.C.2.a Number of adequate units meeting current whole-house standards of accommodation and state of repair:

289

(includes projects programmed through FY95/4. Units meeting whole-house standards are those that were programmed after FY88)

II.1.C.2.a Number of adequate units requiring whole-house renovation or replacement:

111

(Units meeting whole-house standards are those that were programmed/ renovated after FY88).

II.1.C.2.a Number of new housing units projected to meet current deficit.

0

II.1.C.3 Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base

II.1.C.3.a 44.0 percent of officer families live on base.

II.1.C.3.b 60.0 percent of enlisted families live on base.

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II.1.C.3.a 52.0 percent of all military families live on base.

2. Airfield Characteristics

II.2 Runway Table:

Primary Designation		Dimensions: Length Width		Cross Runway	Aircraft Arresting Systems (II.2.I) Number Types	
35L	Secondary	10500 ft	150 ft	No	1	MA-1A
35R	Secondary	6500 ft	150 ft	No	None	
35C	Primary	10500 ft	150 ft	No	1	MA-1A

II.2.A There are 3 active runways.

II.2.A.1 There are NO cross runways

II.2.B There are 2 parallel runways (excluding main runway).

II.2.C Dimensions of the primary runway (35C).

II.2.C.1 Length: 10,500 ft

II.2.C.2 Width: 150 ft

II.2.D Dimensions of all secondary runways are in the runway table.

II.2.E The primary taxiway is 75 ft wide.

II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency(AFCESA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

An AFCESA Pavement Evaluation Report was used to complete this section.

				Primary Pavements		
Aircraft Group		Criteria		Runways	Taxiways	Aprons
II.2.F.1	Fighter	F-15	61 Kips 300,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.2	Fighter	F-16C/D	37 Kips 300,000 Passes	Supports Now	Upgrade Needed	Upgrade Needed
II.2.F.3	Bomber	B-52	450 Kips 15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.4	Bomber	B-1B	450 Kips 50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.5	Tanker	KC-135R	320 Kips 50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.6	Tanker	KC-10	550 Kips 15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.7	Airlift	C-5B	800 Kips 50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.8	Airlift	C-141	325 Kips 50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed

II.2.F.9 Work required to upgrade pavement to the required strength:

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		(9.a) Unit of Measure	(9.b) Quantity	(9.c) Description of Work
Pavement:	Aircraft:			
Taxiway	B-1B	SY	113,755	10" THICK PCC OVERLAY
Aprons	B-1B	SY	253,437	10" THICK PCC OVERLAY
Runway	B-1B	SY	175,000	9"THICK PCC OVERLAY
Runway	B-52	SY	350,333	10" THICK PCC OVERLAY & WIDEN TO 300'
Aprons	B-52	SY	253,347	12" THICK PCC OVERLAY
Taxiway	B-52	SY	113,775	15" THICK PCC OVERLAY & WIDEN TO 200'
Taxiway	C-141	SY	113,775	12" THICK PCC OVERLAY
Runway	C-141	SY	175,000	7" THICK PCC OVERLAY
Aprons	C-141	SY	253,437	8" THICK PCC OVERLAY
Runway	C-5B	SY	233,333	6" THICK PCC OVERLAY & WIDEN TO 200'
Taxiway	C-5B	SY	227,550	7" THICK PCC OVERLAY & WIDEN TO 150'
Aprons	C-5B	SY	253,437	8" THICK PCC OVERLAY
Runway	F-15	SY	175,000	4" THICK AC OVERLAY
Aprons	F-15	SY	253,437	7" THICK PCC OVERLAY
Taxiway	F-15	SY	113,775	6" THICK PCC OVERLAY
Taxiway	F-16C/D	SY	113,777	6" THICK PCC OVERLAY
Aprons	F-16C/D	SY	253,437	6" THICK PCC OVERLAY
Taxiway	KC-10	SY	113,775	8" THICK PCC OVERLAY
Runway	KC-10	SY	175,000	6" THICK PCC OVERLAY
Aprons	KC-10	SY	253,437	8" THICK PCC OVERLAY
Aprons	KC-135R	SY	253,437	6" THICK PCC OVERLAY
Taxiway	KC-135R	SY	151,700	6" THICK PCC OVERLAY & WIDEN TO200'
Runway	KC-135R	SY	175,000	6" THICK PCC OVERLAY

II.2.G Excess aircraft parking capacity for operational use.

II.2.G.1 The total usable apron space for aircraft parking is 207,857 Sq Yds.

II.2.G.1.a Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions (Equivalent Rectangle)		CURRENT USE DATA. (Type of Aircraft and which of the permanently assigned aircraft use the area.)	
	T-1A PARKING	1,410 ft	385 ft	Primary Aircraft
T-37 PARKING	1,782 ft	385 ft	Primary Aircraft	T-37 PARKING

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T-38 PARKING	1,667 ft	385 ft	Primary Aircraft	T-38 PARKING
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- II.2.G.2** Permanently assigned aircraft currently require 201,520 Sq Yds of parking space.
- II.2.G.3** 7,168 Sq Yds of parking space is available for parking additional non-transient aircraft.
- II.2.G.4** The following factors limit aircraft parking capability:
1. Pavement strength limited to assigned aircraft.
 2. Wing tip clearances for adjoining taxiways may be more restrictive than indicated figures.
- II.2.H** The dimensions of the (largest) transient parking area:
- II.2.I** Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)
- II.2.J** Critical features relative to the airfield pavement system that limit its capacity:
1. ORIGINAL PAVEMENTS CONSTRUCTED FOR LIGHT AIRCRAFT. BEING UPGRADED TO LIGHT MIXED DESIGN AS REPLACEMENT OCCURS.
 2. MEDIUM AND HEAVY AIRCRAFT WILL REQUIRE WIDTH AND OVERLAY MODIFICATIONS FOR RUNWAYS, TAXIWAYS AND PARKING

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	3.0 MG/D	MG/D - million gallons per day	22 %
II.3.A.2 Sewage:	0.42 MG/D		21 %
II.3.A.3 Electrical distribution:	7.762 MW	MW - million watts	82 %
II.3.A.4 Natural Gas:	1.096 MCF/D	MCF/D - million cubic feet per day	79 %
II.3.A.5 High temperature water/steam generation/distribution:		MBTUH - million British thermal units per hour	

II.3.B Characteristics regarding the utility system that should be considered:

All contracts are without "take or pay" clauses, no natural gas is purchased through DFSC central office, electric power is not purchased from Federal Power Marketing Administrations, cathodic protection on water and gas lines.

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1 Facility number: 52 Hanger

Current Use: T-37 MAINTENANCE

II.4.A.2 Size (SF): 18,400 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-111

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	90 ft	21 ft	
II.4.A.6 Largest unobstructed space inside the facility:	100 ft	21 ft	182 ft

II.4.A.1 Facility number: 70 Hanger

Current Use: T-37 MODIFICATION TEAM

II.4.A.2 Size (SF): 10,500 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-111

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	90 ft	21 ft	
II.4.A.6 Largest unobstructed space inside the facility:	100 ft	21 ft	182 ft

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II.4.A.1	Facility number: 82	Hanger			
	Current Use:	T-38 MAINTENANCE AND PERIODIC INSPECTIONS			
II.4.A.2	Size (SF):	39,147 SF			
II.4.A.3-4	Largest aircraft the hanger/ nose dock can COMPLETELY enclose:	B-1B			
	DIMENSIONS:	Width	Height	Length	
II.4.A.5	Door Opening:	160 ft	37 ft		
II.4.A.6	Largest unobstructed space inside the facility:	160 ft	37 ft	269 ft	
II.4.A.1	Facility number: 92	Hanger			
	Current Use:	T-1A MAINTENANCE			
II.4.A.2	Size (SF):	22,522 SF			
II.4.A.3-4	Largest aircraft the hanger/ nose dock can COMPLETELY enclose:	F-111			
	DIMENSIONS:	Width	Height	Length	
II.4.A.5	Door Opening:	90 ft	21 ft		
II.4.A.6	Largest unobstructed space inside the facility:	100 ft	21 ft	182 ft	
II.4.A.1	Facility number: 1180	Hanger			
	Current Use:	UNDER CONSTRUCTION - WILL BE T-1A MAINTENANCE			
II.4.A.2	Size (SF):	40,390 SF			
II.4.A.3-4	Largest aircraft the hanger/ nose dock can COMPLETELY enclose:	A-10			
	DIMENSIONS:	Width	Height	Length	
II.4.A.5	Door Opening:	64 ft	21 ft		
II.4.A.6	Largest unobstructed space inside the facility:	60 ft	21 ft	63 ft	

5. Unique Facilities

II.5.A There are No unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed.

6. Air Installation Compatible Use Zone (AICUZ) and Terminal Area Procedures

Local/Regional Land Encroachment

II.6.A Percent current off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.A.1	17L	CZ	0	136	0.0	Gen Compat	0.0	0.0	0.0	82.0	0.0	18.0
	17R/C	CZ	0	241	0.0	Gen Compat	0.0	0.0	0.0	54.0	0.0	46.0

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II.6.A.2	35L/C/R	CZ	0	359	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	17L	APZ 1	0	267	0.0	Gen Compat	0.0	0.0	0.0	44.0	0.0	56.0
	17R/C	APZ 1	11	524	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.A.3	35L/C/R	APZ 1	52	686	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	17R/C/L	APZ 2	12	943	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	35L/C/R	APZ 2	229	941	8.0	Incompat	12.0	0.0	0.0	0.0	0.0	88.0

DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.A.4	65-70	728	8,804	2	Gen Compat	4.0	0.0	1.0	0.0	0.0	95.0
II.6.A.5	70-75	367	4,190	2	Gen Compat	4.0	0.0	0.0	0.0	0.0	96.0
II.6.A.6	75-80	180	2,162	0	Gen Compat	0.0	0.0	0.0	2.0	0.0	98.0
II.6.A.7	80+	18	618	0	Gen Compat	0.0	0.0	0.0	22.0	0.0	78.0

II.6.B Percent future off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.B.1	17L	CZ	0	136	0	Gen Compat	0.0	0.0	0.0	82.0	0.0	18.0
	17R/C	CZ	0	241	0	Gen Compat	0.0	0.0	0.0	54.0	0.0	46.0
	35R/C/L	CZ	0	359	0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
II.6.B.2	17L	APZ 1	0	267	0	Gen Compat	0.0	0.0	0.0	44.0	0.0	56.0
	17R/C	APZ 1	11	524	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	35R/C/L	APZ 1	52	686	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.B.3	17R/C/L	APZ 2	12	943	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	35R/C/L	APZ 2	229	941	8	Incompat	12.0	0.0	0.0	0.0	0.0	88.0

DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.B.4	65-70	728	8,804	2	Gen Compat	4.0	0.0	1.0	0.0	0.0	95.0
II.6.B.5	70-75	367	4,190	2	Gen Compat	4.0	0.0	0.0	0.0	0.0	96.0
II.6.B.6	75-80	180	2,162	0	Gen Compat	0.0	0.0	0.0	2.0	0.0	98.0
II.6.B.7	80+	18	618	0	Gen Compat	0.0	0.0	0.0	22.0	0.0	78.0

II.6.C The most recent, publicly released AICUZ study is dated Jun 86

II.6.D Current AICUZ study's flying activities subsection does not reflect all currently assigned aircraft

Subsection does Not reflect the number of daily flying operations conducted by all assigned aircraft

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Current AICUZ study's flight track figure/map does Not reflect current flight tracks.

Explanation of areas where the current AICUZ study does not reflect the current situation:

New flying mission with the SUPT syllabus and new aircraft, T-1A. New AICUZ study completion due April 1994 with public hearings set for April/May 1994.

II.6.E The AICUZ study was last updated on Oct 92

The study is no longer valid. Milestones for updateing the study:

II.6.E.1 New flying mission with the SUPT syllabus and new aircraft, T-1A. New AICUZ study completion due April 1994 with public hearings set for April/May 1994.

II.6.F Local governments have incorporated AICUZ recommendations into land use controls

II.6.F.1 AICUZ recommended height restrictions.

Government name:	Types of controls in place	Types of encroachment limited:
CITY OF LUBBOCK	ZONING, BUILDING CODES, SUBDIVISION REGULATIONS	
LUBBOCK COUNTY	ZONING, BUILDING CODES, SUBDIVISION REGULATIONS	

II.6.F.2 AICUZ recommended development limits for Accident Potential Zone 1.

Government name:	Types of controls in place	Types of encroachment limited:
CITY OF LUBBOCK	ZONING, BUILDING CODES, SUBDIVISION REGULATIONS	
LUBBOCK COUNTY	ZONING, BUILDING CODES, SUBDIVISION REGULATIONS	

II.6.F.3 AICUZ recommended development limits for Accident Potential Zone 2.

Government name:	Types of controls in place	Types of encroachment limited:
CITY OF LUBBOCK	ZONING, BUILDING CODES, SUBDIVISION REGULATIONS	
LUBBOCK COUNTY	ZONING, BUILDING CODES, SUBDIVISION REGULATIONS	

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II.6.F.4 AICUZ recommended development limits between the 65 Ldn and 70 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
CITY OF LUBBOCK	ZONING, BUILDING CODES, SUBDIVISION REGULATIONS	
LUBBOCK COUNTY	ZONING, BUILDING CODES, SUBDIVISION REGULATIONS	

II.6.F.5 AICUZ recommended development limits between the 70 Ldn and 75 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
CITY OF LUBBOCK	ZONING, BUILDING CODES, SUBDIVISION REGULATIONS	
LUBBOCK COUNTY	ZONING, BUILDING CODES, SUBDIVISION REGULATIONS	

II.6.F.6 AICUZ recommended development limits between the 75 Ldn and 80 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
CITY OF LUBBOCK	ZONING, BUILDING CODES, SUBDIVISION REGULATIONS	
LUBBOCK COUNTY	ZONING, BUILDING CODES, SUBDIVISION REGULATIONS	

II.6.F.7 AICUZ recommended development limits between the 80 Ldn and above Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
CITY OF LUBBOCK	ZONING, BUILDING CODES, SUBDIVISION REGULATIONS	
LUBBOCK COUNTY	ZONING, BUILDING CODES, SUBDIVISION REGULATIONS	

II.6.G Assessment of significant development (i.e., residential subdivision, shopping mall, or center, industrial park, etc.) existing or anticipated within any of the 7 AICUZ zones.

No significant development currently exists in any AICUZ zone.

No significant development is projected for any AICUZ zone.

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No long range (20 year) development trends in the 7 AICUZ zones are evident.

II.6.H Population figures and projections:
II.6.H.2 Metropolitan area encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
LUBBOCK COUNTY	156271	179295	211651	222636	237255

II.6.H.3 County (ies) encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
LUBBOCK COUNTY	156271	179295	211651	222636	237255

II.6.I All clear zone acquisition has been completed.
II.6.J All existing on base facilities are sited in accordance with AICUZ recommendations.

All planned on base facilities will be sited in accordance with AICUZ recommendations.

Air Space Encroachment
II.6.K Noise complaints are received from off base residents.
II.6.K.1 1.0 noise complaints per month (average) are received from off base residents.
II.6.L The base has implemented noise abatement procedures as follows:
II.6.L.1 Flight arrivals, departures, and pattern operations have been designed to avoid overflight of congested or noise sensitive areas.

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 1 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is MHE

III.1.A.1.b Current MHE: ONE (1) 463L-CAPABLE FORKLIFT

III.1.A.2 8 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:				Remarks:
	Can land	Can taxi	Can park	Can refuel	
747					
C-5					
KC-10					

III.1.C The base does Not have an operational fuel hydrant system.

III.1.D The base bulk storage facility is Not serviced by a pipeline.

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- III.1.D.3** 269,437 Gallons divided by 42=6415 barrels.
Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP). Storage for others is excluded.
- III.1.D.4** Other receipt modes available: Tank Truck only
Number of offload headers: 4
4 tank trucks can be simultaneously offloaded
Tank cars can Not be offloaded.
- III.1.D.5** 2 refueling unit fillstands are available.
- III.1.D.5.a** 2 refuelers can be filled simultaneously.
- III.1.D.6** Current dispensing capabilities as defined in AFR 144-1 sustained: 576000
 maximum: 576000
- III.1.D.7** The base is directly supported by an intermediate Defense Fuels Supply Point (DFSP).
- III.1.D.7.a** Supporting DFSP: Reese AFB Base Fuels Management System (Contract)
- III.1.E** Cat 1.1 and 1.2 munitions storage requirements and capacity.
- | | Cat 1.1 | Cat 1.2 |
|---|---------|---------|
| III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity: | 425 | 2000 |
| Square footage available (including physical capacity limit): | 3968 | 3968 |
| III.1.E.2 Normal installation mission storage requirement: | 150 | 250 |
- Physical Limits for Cat 1.2 Munitions:**
One eight-bay multi-cube munitions storage structure
- III.1.F** The base has a dedicated hot cargo pad.
- III.1.F.1** Hot cargo pad access limitations:
253,000 LB LIMIT ON C-141 AIRCRAFT
- III.1.F.2** The size of the hot cargo pad is 30,000 sq feet.
- III.1.F.3** The sited explosive capacity of the hot cargo pad is 30,000
- III.1.F.4** The hot pad access is turn around.
- III.1.F.5** The taxiway servicing the hot pad is 150 ft wide and has a pavement classification number (PCN) of 2.
- III.1.F.6** Aircraft using pad over the last 5 years:

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C-141, C-130, TWIN CESSNA

III.1.G Proximity (within 150 NM) to mobilization elements.

III.1.G.1 The base is over 150 NM from a ground force installation.

III.1.G.2 The base is proximate to a railhead.

Railheads within 150 NM:

Altus - Altus AFB	148 NM
Clovis	75 NM

III.1.G.3 The base is over 150 NM from a port.

III.1.H The base does Not have a dedicated passenger terminal.

III.1.I The base does not have a dedicated deployment facility capable of handling DoD standardized cargo pallets.

III.1.J The base medical treatment facility does Not routinely receive referral patients.

III.1.K No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

III.1.L Unique missions performed by the base medical facility:

Physiological Training Unit; 2nd Echelon decontaminates troop and patient retrieval units.

Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

III.1.M Base medical facilities project planned to begin before to 1999:

MILCON Life Safety upgrade (MCP), replace 1000KVA transformer (1994 O&M), roof repair (O&M), kitchen renovation for Bioenvir

Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.

III.1.M.1 The project has been approved.

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III.1.M.2 No major MCP has been completed since 1989.

III.1.N Base facilities have a total excess storage capacity of 600 sq ft.

III.1.N.1 Base facilities have a total covered storage capacity of 43,210 sq ft.

III.1.N.2 Breakout of the total covered storage capacity:

Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store):	38,674 sq ft
Mobility storage:	1,536 sq ft
War Readiness Support Kits (WRSK) storage:	0 sq ft

III.1.O 102 light military vehicles are on base.

III.1.P 137 heavy military and special vehicles are on base.

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Section IV

1. Base Budget

IV.1 Non-payroll portion of the base budget for prior years:

IV.1.A	xxx56	Environmental Compliance			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	204.58 \$sK	0.00 \$sK	204.58 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	516.21 \$sK	12.23 \$sK		528.44 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	481.22 \$sK	9.43 \$sK			490.65 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	270.00 \$sK	1.61 \$sK				271.61 \$sK
		xxx56 TOTALS:			204.58 \$sK	528.44 \$sK	490.65 \$sK	271.61 \$sK
IV.1.B	xxx76	Real Property Maintenance A			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	7,586.32 \$sK	469.93 \$sK	8,056.25 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	7,241.85 \$sK	485.35 \$sK		7,727.20 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	23.75 \$sK	38.25 \$sK			61.99 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	119.70 \$sK	0.17 \$sK				119.87 \$sK
		xxx76 TOTALS:			8,056.25 \$sK	7,727.20 \$sK	61.99 \$sK	119.87 \$sK
IV.1.C	xxx78	Real Property Maintenance S			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	0.00 \$sK	0.00 \$sK	0.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	0.00 \$sK	0.00 \$sK		0.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	3,266.84 \$sK	207.58 \$sK			3,474.43 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	1,419.20 \$sK	52.76 \$sK				1,471.96 \$sK
		xxx78 TOTALS:			0.00 \$sK	0.00 \$sK	3,474.43 \$sK	1,471.96 \$sK
IV.1.D	xxx90	Audio Visual			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				

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		3400	3.50 \$sK	0.00 \$sK	3.50 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	100.58 \$sK	0.00 \$sK		100.58 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	72.94 \$sK	0.10 \$sK			73.04 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	83.80 \$sK	0.00 \$sK				83.80 \$sK
		xxx90 TOTALS:			3.50 \$sK	100.58 \$sK	73.04 \$sK	83.80 \$sK
IV.1.E	xxx95	Communications			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	1,081.03 \$sK	0.11 \$sK	1,081.14 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	1,184.57 \$sK	0.00 \$sK		1,184.57 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	1,015.34 \$sK	7.13 \$sK			1,022.47 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	1,205.83 \$sK	1.07 \$sK				1,206.90 \$sK
		xxx95 TOTALS:			1,081.14 \$sK	1,184.57 \$sK	1,022.47 \$sK	1,206.90 \$sK
IV.1.F	xxx96	Base Operating Support			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	3,008.32 \$sK	10.86 \$sK	3,019.18 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	2,551.89 \$sK	200.45 \$sK		2,752.34 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	5,899.79 \$sK	520.29 \$sK			6,420.08 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	5,359.12 \$sK	252.33 \$sK				5,611.45 \$sK
		xxx96 TOTALS:			3,019.18 \$sK	2,752.34 \$sK	6,420.08 \$sK	5,611.45 \$sK
IV.1.G	MFH	Military Family Housing			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		7045	1,191.44 \$sK	5.21 \$sK	1,196.64 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		7045	985.88 \$sK	6.80 \$sK		992.69 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		7045	2,409.72 \$sK	8.39 \$sK			2,418.10 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				

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7045	846.00 \$sK	1.07 \$sK				847.07 \$sK
MFH TOTALS:			1,196.64 \$sK	992.69 \$sK	2,418.10 \$sK	847.07 \$sK

2. Relocation Costs

IV.2 -Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:

Total relocation costs: \$ 7,277.35 K

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Section IV/V Level Playingfield COBRA Data

One time closure costs: 15\$sM

Twenty year Net Present Value (259)\$sM

Steady state savings 20\$sM per year

Manpower savings associated with closure 183

Return on Investment (years): 1

1995 AIR FORCE BASE QUESTIONNAIRE**Reese AFB - AETC**

Section VI Economic Impact**Economic Area Statistics:****Lubbock, TX MSA****Total population: 224,000 (FY 92)****Total employment: 132,010 (FY 93)****Unemployment Rates (FY93/3 Year Average/10 Year Average)***5.2% / 5.8% / 5.7%***Average annual job growth: 773****Average annual per capita income: \$17,185****Average annual increase in per capita income: \$4.9%****Projected economic impact:**

Direct Job Loss:	1,943	
Indirect Job Loss:	<u>759</u>	
Closure Impact:	2,702	(2.0% of employment total)
Other BRAC Losses:	<u>0</u>	
Cumulative Impact:	2,702	(2.0% of employment total)

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Section VII

1. Community Infrastructure

Describe the off-base housing situation.

- VII.1.A.1 Off-base housing is affordable
- VII.1.A.2 Units are available for families
- VII.1.A.2 Units are available for single members.
- VII.1.A.3 5.3 Percent of off-base housing was rated as unsuitable in the latest VHA survey
- VII.1.A.4 Median monthly cost of off-base housing based on latest VHA survey: \$690

Describe the transportation systems.

- VII.1.B.1 The base is NOT served by REGULARLY SCHEDULED, public transportation.
- VII.1.B.2 Distance to the nearest municipal airport with scheduled, commercial air traffic: 15 miles
- VII.1.B.2 Airport name: Lubbock International Airport
- VII.1.B.3 Number of commercial air carriers available at the airport: 5
- VII.1.B.4 Average round trip commuting time to work: 32 minutes

Off-base public recreation facilities:

List ONLY THE NEAREST facility for each subcategory.

Facility Subcategory Type	Name of Nearest Facility	Distance to:	Drive Time		
VII.1.C.1 Swimming pool	MAXEY PARK	12	Hrs.	20	Min.
VII.1.C.2 Movie theater	CINEMARK MOVIES 12	10	Hrs.	15	Min.
VII.1.C.3 Public golf course	SHADOWHILLS	4	Hrs.	10	Min.
VII.1.C.4 Bowling lane	BRUNSWICK LANES	12	Hrs.	20	Min.
VII.1.C.5 Boating	RANSOM CANYON	23	Hrs.	45	Min.
VII.1.C.6 Fishing	RANSOM CANYON	23	Hrs.	45	Min.
VII.1.C.7 Zoo	AMARILLO CITY ZOO	133	2 Hrs.	30	Min.
VII.1.C.8 Aquarium	DALLAS AQUARIUM	370	6 Hrs.	40	Min.
VII.1.C.9 Family theme park	JOYLAND	13	Hrs.	20	Min.
VII.1.C.10 Professional sports	TEXAS STADIUM	353	6 Hrs.	30	Min.
VII.1.C.11 Collegiate sports	TEXAS TECH UNIVERSITY	10	Hrs.	15	Min.

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VII.1.C.12	Camping facilities	RANSOM CANYON	23		Hrs.	45	Min.
VII.1.C.13	Beaches (lake or ocean)	RANSOM CANYON	23		Hrs.	45	Min.
VII.1.C.14	Outdoor winter sports	SKI APACHI	255	5	Hrs.	00	Min.

VII.1.D Nearest Shopping facility (two major anchor stores plus smaller retail outlets):

SOUTH PLAINS MALL 15 min (10 Miles)

VII.1.E Nearest Metropolitan center (population in excess of 100,000):

LUBBOCK, TX 15 min (10 Miles)

Local area crime rate:

VII.1.F.1 Violent crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Violent crime is defined as the sum of homicide, rape, robbery, felony assault, and simple assault.) 633

VII.1.F.2 Property crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Property crime is defined as the sum of auto theft, burglary, theft, and arson.) 6059

2. Education

VII.2.A The highest maximum allowed pupil to teacher classroom ratio, based on grades K - 12 and using local area ratios: 35 to 1

VII.2.B Local high schools offer a four-year English program.

VII.2.B Local high schools offer a four-year Math program.

VII.2.B Local high schools offer four-year Foreign Language programs.

VII.2.C Local high schools offer an Honors program.

VII.2.D 63.0 percent of high school students go on to either a two- or four-year college

VII.2.E There are opportunities for off-base education within 25 miles of the base.

VII.2.E.1 Opportunities for off-base VOCATIONAL/TECHNICAL TRAINING provided by the following institutions:

SOUTH PLAINS COLLEGE

VII.2.E.2 Opportunities for off-base UNDERGRADUATE COLLEGE provided by the following institutions:

TEXAS TECH UNIVERSITY

VII.2.E.3 Opportunities for off-base GRADUATE COLLEGE provided by the following institutions:

TEXAS TECH UNIVERSITY

3. Spousal Employment

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- VII.3.A** 72.0 percent of spouses are able to find employment (within 3 months) in the local community.
- VII.3.B** 70.0 percent of spouses find employment commensurate with job skills, work experience, and education.
- VII.3.C** 5.2 percent unemployment in the local area (Department of Labor Statistics)
- VII.3.D** 4.3 percentage rate of job growth in the local area (Department of Labor Stastics)

4. Local Medical Care

- VII.4.A** Current ratio of active, non-federal physicians in the community: 3.0 physicians/1000 people
- VII.4.B** Current ratio of hospital beds in the community: 9.0 beds/1000 people

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Section VIII**1. Air Quality - Clean Air Act**

VIII.1.A Air Quality Management District for the base: AMARILLO-LUBBOCK INTRASTATE AIR QUALITY CONTROL REGION

VIII.1.B The base is NOT located within a maintenance or non-attainment area for pollutants.

VIII.1.C There are NO critical air quality regions within 100 kilometers of the base
(Critical air quality regions are non-attainment areas, national parks, etc.)

VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.

(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)

VIII.1.D.1 The base has NOT been required to implement emissions reduction through special actions
(i.e. carpooling or emissions credit transfer)

VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:

VIII.E.1 Aerospace Ground Equipment (AGE):

E.1.a The state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.

E.1.b No state or local air quality regulatory agency Requires permits for such units.

E.1.c No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.

E.1.d No state or local air quality regulatory agency Requires retrofit controls for AGE.

VIII.E.2 Infrastructure Maintenance / Public Works

E.2.a No state or local air quality regulatory agency Regulates or conditionally exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).

E.2.b No state or local air quality regulatory agency Limits the hours of these activities.

E.2.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.

E.2.d No state or local air quality regulatory agency Requires emission offsets for these activities.

1995 AIR FORCE BASE QUESTIONNAIRE**Reese AFB - AETC****VIII.E.3 Open Burn/Open Detonation**

- E.3.a** No state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b** The state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c** No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d** No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a** No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b** No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5** No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a** The state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b** The state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c** No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergent generators.
- E.6.d** The state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d** No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a** No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b** No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c** No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d** No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8** No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9** No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

VIII.2.A The base potable water supply is Local Community and the source is:

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LAKE

VIII.2.B There are no constraints to the base water supply.

VIII.2.C The base potable water supply constrains operations as follows:

A contaminated groundwater plume under the base has expanded and affected on and off base wells.

(Contamininants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is contaminated.

VIII.3.A.1 Nature of contamination. Trichloroethylene (TCE), Volatiles, Semivolatiles, Lead

VIII.3.A.2 The contaminated groundwater is Not a potable water source.

VIII.3.B The base is actively involved in groundwater remediation activities.

VIII.3.C 18 water wells exist at the base.

VIII.3.D 14 wells have been abandoned for the following reasons:

No longer required

4. Water - Surface Water

VIII.4.A The following perennial bodies of water are located on base.

Location	Surface area size
Golf Course Lake	35.00 Acres
Picnic Area Lake	4.50 Acres

VIII.4.A.2 These bodies receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is Not located within a specified drainage basin.

VIII.4.B Special permits are required as follows:

Construction permits required from Corps of Engineers around designated wetlands.

(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

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VIII.4.C There is known contamination to the base or local community surface water

VIII.4.C.1 Nature of the contamination: Hazardous chemicals

VIII.4.C.2 The contaminated surface water is Not a potable water source.

5. Wastewater

VIII.5.A Base wastewater is treated by On-Base facilities.

VIII.5.B No wastewater treatment facilities are located on-base.

BASE WASTEWATER TREATMENT FACILITY

VIII.5.C There are discharge (treatment) violations or outstanding discharge (treatment) open enforcement actions pending.

VIII.5.C.1

Violation date	Nature of violation	Current status of violation	Compliance attainment date
Aug 90	Open Enforcement Action for permit excursion not reported.	Awaiting State re-inspection to close action.	Sep 94
Jul 91	Open Enforcement Action for permit excursion not reported.	Awaiting State re-inspection to close action.	Sep 94

6. Discharge Points / Impoundments

VIII.6.A Describe the National Pollutant Elimination System permits in effect:

Permit to discharge wastewater on sewage treatment plant lake and picnic lake.

VIII.6.B The base currently discharges treated wastewater ON-Base. Description of treated wastewater discharge location:

Irrigation pond

VIII.6.C The base has discharge impoundments.

VIII.6.C.1 There are 1 water/wastewater treatment impoundments.

VIII.6.C.2 There are No industrial wastewater treatment impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 100.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 0.0 percent of the facilities surveyed are identified as having asbestos.

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VIII.7.A.2 0 facilities are considered regulated areas or have restricted use due to friable asbestos.

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8. Biological - Habitat

- VIII.8.A** There are No ecological or wildlife management areas ON the base. **There are No ecological or wildlife management areas ADJACENT TO the base.**
- VIII.8.A.1** Natural areas on or adjacent to the base are not recognized as important ecological sites.
- VIII.8.B** No critical/sensitive habitats have been identified on base .
- VIII.8.C** The base does not have a cooperative agreement for conducting a hunting and fishing program.
 Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.

9. Biological - Threatened and Endangered Species

- VIII.9.A** There are No Threatened or endangered species identified on the base.
- VIII.9.B** There are No Special Concern species identified on the base.

10. Biological - Wetlands

- VIII.10.A** Wetlands, estuaries, or other special aquatic features present on the base:
- VIII.10.A.1**
- | Identification and type of wetland: | Approximate acreage: |
|-------------------------------------|----------------------|
| FIRE TRAINING AREA (PLAYA LAKE) | 35 |
| GOLF COURSE LAKE (PLAYA LAKE) | 35 |
| PICNIC LAKE (PLAYA LAKE) | 4 |
| YOUTH CENTER AREA (PLAYA LAKE) | 3 |
- VIII.10.A.2** The base is involved in jointly-managed programs for protection of these resources.
- VIII.10.B** The base has been surveyed for wetlands in accordance with established federally approved guidelines.
- VIII.10.B.1** Survey was completed in Jan 93
- VIII.10.B.2** 100 percent of the base was included in the survey.

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VIII.10.B.3 Method used to survey the base (e.g., Corps of Engineers Delineation Manual, U.S. Fish and Wildlife Service National Wetlands Inventory):

Corps of Engineers Delineation Manual

VIII.10.C Part of the base is located in a 100-year floodplain.

VIII.10.D The presence of these resources constrains current or future construction activities or operations as follows:

Current and future construction and operations activities around golf course lake are constrained.

11. Biological - Floodplains

VIII.11.A Floodplains are present on the base.

VIII.11.A.1 Floodplains constrain construction (siting) activities or operations.

VIII.11.A.2 Periodic flooding does Not constrain base operations.

12. Cultural

VIII.12.A No historic, prehistoric, archaeological sites or other cultural resources are located on the base.

VIII.12.B 2 percent of the buildings on base are over 50 years old.

VIII.12.C No Historic Landmark/Districts, or NRHP properties are located on base.

VIII.12.C.1 Some properties have been determined to be or may be eligible for the NRHP.

VIII.12.C.2 Buildings or structures have been surveyed for Cold War or other historical significance.

VIII.12.D The base has been archeologically surveyed.

VIII.12.D.1 100 percent of the base has been surveyed.

VIII.12.D.2 No archeological sites have been found.

VIII.12.D.3 No archeological collections are housed on base.

VIII.12.D.4 No Native Americans or others use/identified sacred areas or burial sites on or near base.

VIII.12.E The base has no agreements with historic preservation agencies.

Agreements include Programmatic Agreements and Memorandum of Agreements.

Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 13 IRP sites have been identified

VIII.13.A.2 3 IRP sites extend off base.

VIII.13.A.3 3 All on-site remediation is estimated to be in place in 6526

VIII.13.B The installation is Not a National Priority List (NPL) site nor proposed as an NPL site.

VIII.13.C Federal Facility Agreements to clean up the base are in place.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There reported or known uncontrolled or unregulated occurrences of specific contaminate types and sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E There are sites or SWMUs currently being investigated and remediated pursuant to RCRA corrective action.

SWMU - Solid Waste Management Units
RCRA - Resource Conservation and Recovery Act

VIII.13.E.1 3 sites are being investigated and remediated.

VIII.13.F The IRP currently restricts construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
Hazardous Waste Disposal/Remediation	\$135.000 K	\$270.000 K	\$540.000 K	\$648.000 K	\$777.600 K
IRP	\$7.587 K	\$10,000.000 K	\$7,000.000 K	\$10,000.000 K	\$5,000.000 K
Natural Resources	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
Other(s) Specify: Air Emissions	\$9.900 K	\$9.900 K	\$9.900 K	\$9.900 K	\$9.900 K
Permits	\$28.100 K	\$45.600 K	\$91.200 K	\$109.400 K	\$131.300 K
Waste Water Compliance	\$1.000 K	\$1.500 K	\$2.500 K	\$3.500 K	\$4.500 K

15. Other Issues

VIII.15.A There are no additional activities which may constrain or enhance base operations.

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16. Air Quality - Clean Air Act

VIII.16.A Air Quality Control Area (AQCA) geographic region in which the base is located:

Texas Natural Resource Conservation Commission (TNRCC) Region 2

VIII.16.B Air quality regulatory agency responsible for the AQCA:. Texas Natural Resource Conservation Commission

VIII.16.B Name and phone number of the AQCA program manager for issues pertaining to the base:

MR Gerald Hudson

(806) 796-7092

The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:

VIII.16.C.1 In Attainment for Ozone

VIII.16.C.2 In Attainment for Carbon Monoxide

VIII.16.C.3 In Attainment for Particulate matter (PM-10)

VIII.16.C.4 In Attainment for Sulfur Dioxide

VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx)

VIII.16.C.6 In Attainment for Lead

VIII.16.C.7 The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT

VIII.16.D.1 Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located: 12.00 ppm

VIII.16.D.2 Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located: 9.0 ppm

VIII.16.D.3 Ozone Design value is 10000.0% of NAAQS

VIII.16.D.4 Carbon monoxide Design value is 100.0% of NAAQS

Air Quality Survey complete, No additional data required.

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Section IX

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Starting Year : 1996
 Final Year : 1997
 ROI Year : 1999 (2 Years)

NPV in 2015(\$K): -256,795
 1-Time Cost(\$K): 37,307

Net Costs (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	-1,200	0	0	0	0	0	-1,200	0
Person	0	-378	-6,295	-6,295	-6,295	-6,295	-25,560	-6,295
Overhd	1,626	4,643	-15,172	-15,172	-15,172	-15,172	-54,418	-15,172
Moving	0	6,831	0	0	0	0	6,831	0
Missio	0	0	0	0	0	0	0	0
Other	7,000	15,401	0	0	0	0	22,401	0
TOTAL	7,426	26,497	-21,467	-21,467	-21,467	-21,467	-51,946	-21,467

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	30	0	0	0	0	30
Enl	0	187	0	0	0	0	187
Civ	0	0	0	0	0	0	0
TOT	0	217	0	0	0	0	217

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	0	319	0	0	0	0	319
Enl	0	200	0	0	0	0	200
Stu	0	140	0	0	0	0	140
Civ	0	225	0	0	0	0	225
TOT	0	884	0	0	0	0	884

Summary:

 Close Reese

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Costs (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	0	0	0	0	0	0	0	0
Person	0	5,069	3,712	3,712	3,712	3,712	19,917	3,712
Overhd	1,626	7,925	4,255	4,255	4,255	4,255	26,573	4,255
Moving	0	7,646	0	0	0	0	7,646	0
Missio	0	0	0	0	0	0	0	0
Other	7,000	15,401	0	0	0	0	22,401	0
TOTAL	8,626	36,042	7,967	7,967	7,967	7,967	76,537	7,967

Savings (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	1,200	0	0	0	0	0	1,200	0
Person	0	5,447	10,007	10,007	10,007	10,007	45,477	10,007
Overhd	0	3,282	19,427	19,427	19,427	19,427	80,991	19,427
Moving	0	815	0	0	0	0	815	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	1,200	9,544	29,434	29,434	29,434	29,434	128,483	29,434

NET PRESENT VALUES REPORT (COBRA v5.08)
 Data As Of 13:03 02/20/1995. Report Created 07:44 03/01/1995

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
1996	7,426,115	7,326,065	7,326,065
1997	26,497,203	25,440,596	32,766,661
1998	-21,467,247	-20,059,578	12,707,083
1999	-21,467,247	-19,522,703	-6,815,620
2000	-21,467,247	-19,000,198	-25,815,818
2001	-21,467,247	-18,491,677	-44,307,494
2002	-21,467,247	-17,996,766	-62,304,260
2003	-21,467,247	-17,515,100	-79,819,360
2004	-21,467,247	-17,046,326	-96,865,687
2005	-21,467,247	-16,590,099	-113,455,786
2006	-21,467,247	-16,146,081	-129,601,867
2007	-21,467,247	-15,713,948	-145,315,815
2008	-21,467,247	-15,293,380	-160,609,195
2009	-21,467,247	-14,884,068	-175,493,263
2010	-21,467,247	-14,485,711	-189,978,974
2011	-21,467,247	-14,098,016	-204,076,990
2012	-21,467,247	-13,720,696	-217,797,686
2013	-21,467,247	-13,353,476	-231,151,162
2014	-21,467,247	-12,996,083	-244,147,246
2015	-21,467,247	-12,648,256	-256,795,502

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 13:03 02/20/1995, Report Created 07:44 03/01/1995

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
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(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		0
Personnel		
Civilian RIF	436,569	
Civilian Early Retirement	100,747	
Civilian New Hires	0	
Eliminated Military PCS	1,351,567	
Unemployment	75,168	
Total - Personnel		1,964,051
Overhead		
Program Planning Support	2,845,701	
Mothball / Shutdown	2,450,000	
Total - Overhead		5,295,701
Moving		
Civilian Moving	3,547,667	
Civilian PPS	0	
Military Moving	2,686,437	
Freight	1,411,542	
One-Time Moving Costs	0	
Total - Moving		7,645,646
Other		
HAP / RSE	401,359	
Environmental Mitigation Costs	0	
One-Time Unique Costs	22,000,000	
Total - Other		22,401,359
Total One-Time Costs		37,306,758

One-Time Savings		
Military Construction Cost Avoidances	1,200,000	
Family Housing Cost Avoidances	0	
Military Moving	814,830	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		2,014,830
Total Net One-Time Costs		35,291,928

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)
Data As Of 13:03 02/20/1995, Report Created 07:44 03/01/1995

Department : Air Force
Option Package : Reese
Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
COLUMBUS	0	0	0	0	0
LAUGHLIN	0	0	0	0	0
RANDOLPH	0	0	0	0	0
REESE	0	0	0	-1,200	-1,200
VANCE	0	0	0	0	0
BASE X	0	0	0	0	0
SHEPPARD	0	0	0	0	0
Totals:	0	0	0	-1,200	-1,200

PERSONNEL SUMMARY REPORT (COBRA v5.08)
 Data As Of 13:03 02/20/1995, Report Created 07:44 03/01/1995

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

PERSONNEL SUMMARY FOR: COLUMBUS, MS

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
378	535	152	221

PERSONNEL REALIGNMENTS:

From Base: REESE, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	0	60	0	0	0	0	60
Enlisted	0	13	0	0	0	0	13
Students	0	37	0	0	0	0	37
Civilians	0	8	0	0	0	0	8
TOTAL	0	118	0	0	0	0	118

TOTAL PERSONNEL REALIGNMENTS (Into COLUMBUS, MS):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	60	0	0	0	0	60
Enlisted	0	13	0	0	0	0	13
Students	0	37	0	0	0	0	37
Civilians	0	8	0	0	0	0	8
TOTAL	0	118	0	0	0	0	118

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
438	548	189	229

PERSONNEL SUMMARY FOR: LAUGHLIN, TX

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
350	519	162	745

PERSONNEL REALIGNMENTS:

From Base: REESE, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	0	64	0	0	0	0	64
Enlisted	0	14	0	0	0	0	14
Students	0	40	0	0	0	0	40
Civilians	0	128	0	0	0	0	128
TOTAL	0	246	0	0	0	0	246

TOTAL PERSONNEL REALIGNMENTS (Into LAUGHLIN, TX):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	64	0	0	0	0	64
Enlisted	0	14	0	0	0	0	14
Students	0	40	0	0	0	0	40
Civilians	0	128	0	0	0	0	128
TOTAL	0	246	0	0	0	0	246

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
414	533	202	873

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

PERSONNEL SUMMARY FOR: RANDOLPH, TX

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
1,851	2,472	0	3,137

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
1,851	2,472	0	3,137

PERSONNEL SUMMARY FOR: REESE, TX

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
349	411	140	219

PERSONNEL REALIGNMENTS:

To Base: COLUMBUS, MS

	1996	1997	1998	1999	2000	2001	Total
Officers	0	60	0	0	0	0	60
Enlisted	0	13	0	0	0	0	13
Students	0	37	0	0	0	0	37
Civilians	0	8	0	0	0	0	8
TOTAL	0	118	0	0	0	0	118

To Base: LAUGHLIN, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	0	64	0	0	0	0	64
Enlisted	0	14	0	0	0	0	14
Students	0	40	0	0	0	0	40
Civilians	0	128	0	0	0	0	128
TOTAL	0	246	0	0	0	0	246

To Base: VANCE, OK

	1996	1997	1998	1999	2000	2001	Total
Officers	0	60	0	0	0	0	60
Enlisted	0	13	0	0	0	0	13
Students	0	37	0	0	0	0	37
Civilians	0	8	0	0	0	0	8
TOTAL	0	118	0	0	0	0	118

To Base: BASE X

	1996	1997	1998	1999	2000	2001	Total
Officers	0	93	0	0	0	0	93
Enlisted	0	150	0	0	0	0	150
Students	0	0	0	0	0	0	0
Civilians	0	76	0	0	0	0	76
TOTAL	0	319	0	0	0	0	319

To Base: SHEPPARD, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	0	42	0	0	0	0	42
Enlisted	0	10	0	0	0	0	10
Students	0	26	0	0	0	0	26
Civilians	0	5	0	0	0	0	5
TOTAL	0	83	0	0	0	0	83

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

TOTAL PERSONNEL REALIGNMENTS (Out of REESE, TX):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	319	0	0	0	0	319
Enlisted	0	200	0	0	0	0	200
Students	0	140	0	0	0	0	140
Civilians	0	225	0	0	0	0	225
TOTAL	0	884	0	0	0	0	884

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	-30	0	0	0	0	-30
Enlisted	0	-187	0	0	0	0	-187
Civilians	0	26	0	0	0	0	26
TOTAL	0	-191	0	0	0	0	-191

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	24	0	20

PERSONNEL SUMMARY FOR: VANCE, OK

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
320	378	149	95

PERSONNEL REALIGNMENTS:
 From Base: REESE, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	0	60	0	0	0	0	60
Enlisted	0	13	0	0	0	0	13
Students	0	37	0	0	0	0	37
Civilians	0	8	0	0	0	0	8
TOTAL	0	118	0	0	0	0	118

TOTAL PERSONNEL REALIGNMENTS (Into VANCE, OK):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	60	0	0	0	0	60
Enlisted	0	13	0	0	0	0	13
Students	0	37	0	0	0	0	37
Civilians	0	8	0	0	0	0	8
TOTAL	0	118	0	0	0	0	118

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
380	391	186	103

PERSONNEL SUMMARY FOR: BASE X

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
729	1,111	0	1,166

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

PERSONNEL REALIGNMENTS:

From Base: REESE, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	0	93	0	0	0	0	93
Enlisted	0	150	0	0	0	0	150
Students	0	0	0	0	0	0	0
Civilians	0	76	0	0	0	0	76
TOTAL	0	319	0	0	0	0	319

TOTAL PERSONNEL REALIGNMENTS (Into BASE X):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	93	0	0	0	0	93
Enlisted	0	150	0	0	0	0	150
Students	0	0	0	0	0	0	0
Civilians	0	76	0	0	0	0	76
TOTAL	0	319	0	0	0	0	319

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
822	1,261	0	1,242

PERSONNEL SUMMARY FOR: SHEPPARD, TX

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
684	2,827	0	1,493

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	6	0	0	0	0	6
Enlisted	0	22	0	0	0	0	22
Students	0	0	0	0	0	0	0
Civilians	0	-106	0	0	0	0	-106
TOTAL	0	-78	0	0	0	0	-78

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
690	2,849	0	1,387

PERSONNEL REALIGNMENTS:

From Base: REESE, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	0	42	0	0	0	0	42
Enlisted	0	10	0	0	0	0	10
Students	0	26	0	0	0	0	26
Civilians	0	5	0	0	0	0	5
TOTAL	0	83	0	0	0	0	83

TOTAL PERSONNEL REALIGNMENTS (Into SHEPPARD, TX):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	42	0	0	0	0	42
Enlisted	0	10	0	0	0	0	10
Students	0	26	0	0	0	0	26
Civilians	0	5	0	0	0	0	5
TOTAL	0	83	0	0	0	0	83

Department : Air Force
Option Package : Reese
Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

BASE POPULATION (After BRAC Action):
Officers ----- Enlisted ----- Students ----- Civilians -----
732 2,859 26 1,392

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

PERSONNEL REALIGNMENTS:

From Base: REESE, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	0	93	0	0	0	0	93
Enlisted	0	150	0	0	0	0	150
Students	0	0	0	0	0	0	0
Civilians	0	76	0	0	0	0	76
TOTAL	0	319	0	0	0	0	319

TOTAL PERSONNEL REALIGNMENTS (Into BASE X):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	93	0	0	0	0	93
Enlisted	0	150	0	0	0	0	150
Students	0	0	0	0	0	0	0
Civilians	0	76	0	0	0	0	76
TOTAL	0	319	0	0	0	0	319

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
822	1,261	0	1,242

PERSONNEL SUMMARY FOR: SHEPPARD, TX

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
684	2,827	0	1,493

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	6	0	0	0	0	6
Enlisted	0	22	0	0	0	0	22
Students	0	0	0	0	0	0	0
Civilians	0	-106	0	0	0	0	-106
TOTAL	0	-78	0	0	0	0	-78

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
690	2,849	0	1,387

PERSONNEL REALIGNMENTS:

From Base: REESE, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	0	42	0	0	0	0	42
Enlisted	0	10	0	0	0	0	10
Students	0	26	0	0	0	0	26
Civilians	0	5	0	0	0	0	5
TOTAL	0	83	0	0	0	0	83

TOTAL PERSONNEL REALIGNMENTS (Into SHEPPARD, TX):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	42	0	0	0	0	42
Enlisted	0	10	0	0	0	0	10
Students	0	26	0	0	0	0	26
Civilians	0	5	0	0	0	0	5
TOTAL	0	83	0	0	0	0	83

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMMEND\FINAL\REESE.CBR
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	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT								
Early Retirement*	10.00%	0	225	0	0	0	0	225
Regular Retirement*	5.00%	0	24	0	0	0	0	24
Civilian Turnover*	15.00%	0	10	0	0	0	0	10
Civs Not Moving (RIFs)**		0	33	0	0	0	0	33
Civilians Moving (the remainder)		0	24	0	0	0	0	24
Civilian Positions Available		0	134	0	0	0	0	134
91								91
CIVILIAN POSITIONS ELIMINATED								
Early Retirement	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)**		0	0	0	0	0	0	0
Priority Placement#	60.00%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN								
Civilians Moving		0	225	0	0	0	0	225
New Civilians Hired		0	134	0	0	0	0	134
Other Civilian Additions		0	91	0	0	0	0	91
26								26
TOTAL CIVILIAN EARLY RETIREMENTS								
		0	24	0	0	0	0	24
TOTAL CIVILIAN RIFs								
		0	24	0	0	0	0	24
TOTAL CIVILIAN PRIORITY PLACEMENTS#								
		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES								
		0	117	0	0	0	0	117

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

+ The Percentage of Civilians Not Willing to Move (Voluntary RIFs) varies from base to base.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

ONE-TIME COSTS -----(\$K)-----	1996 ----	1997 ----	1998 ----	1999 ----	2000 ----	2001 ----	Total -----
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	0	436	0	0	0	0	436
Civ Retire	0	101	0	0	0	0	101
CIV MOVING							
Per Diem	0	295	0	0	0	0	295
POV Miles	0	14	0	0	0	0	14
Home Purch	0	1,425	0	0	0	0	1,425
HHG	0	916	0	0	0	0	916
Misc	0	94	0	0	0	0	94
House Hunt	0	227	0	0	0	0	227
PPS	0	0	0	0	0	0	0
RITA	0	576	0	0	0	0	576
FREIGHT							
Packing	0	197	0	0	0	0	197
Freight	0	1,010	0	0	0	0	1,010
Vehicles	0	166	0	0	0	0	166
Driving	0	38	0	0	0	0	38
Unemployment	0	75	0	0	0	0	75
OTHER							
Program Plan	1,626	1,219	0	0	0	0	2,846
Shutdown	0	2,450	0	0	0	0	2,450
New Hire	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	78	0	0	0	0	78
POV Miles	0	68	0	0	0	0	68
HHG	0	2,177	0	0	0	0	2,177
Misc	0	363	0	0	0	0	363
OTHER							
Elim PCS	0	1,351	0	0	0	0	1,351
OTHER							
HAP / RSE	0	401	0	0	0	0	401
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	7,000	15,000	0	0	0	0	22,000
TOTAL ONE-TIME	8,626	28,681	0	0	0	0	37,307

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/3
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Department : Air Force
 Option Package : Reese
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RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
----(\$K)----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	4,255	4,255	4,255	4,255	4,255	21,277	4,255
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	606	1,213	1,213	1,213	1,213	5,457	1,213
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	2,499	2,499	2,499	2,499	2,499	12,496	2,499
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	7,361	7,967	7,967	7,967	7,967	39,230	7,967
TOTAL COST	8,626	36,042	7,967	7,967	7,967	7,967	76,537	7,967
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
----(\$K)----	----	----	----	----	----	----	----	----
CONSTRUCTION								
MILCON	1,200	0	0	0	0	0	1,200	
Fam Housing	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	815	0	0	0	0	815	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	1,200	815	0	0	0	0	2,015	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
----(\$K)----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	0	770	1,541	1,541	1,541	1,541	6,934	1,541
O&M								
RPMA	0	800	1,684	1,684	1,684	1,684	7,536	1,684
BOS	0	1,711	14,702	14,702	14,702	14,702	60,520	14,702
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	1,180	2,360	2,360	2,360	2,360	10,620	2,360
Enl Salary	0	3,380	6,760	6,760	6,760	6,760	30,418	6,760
House Allow	0	888	888	888	888	888	4,438	888
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	1,500	1,500	1,500	1,500	6,000	1,500
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	8,730	29,434	29,434	29,434	29,434	126,468	29,434
TOTAL SAVINGS	1,200	9,544	29,434	29,434	29,434	29,434	128,483	29,434

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 3/3
 Data As Of 13:03 02/20/1995, Report Created 07:44 03/01/1995

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	-----
CONSTRUCTION								
MILCON	-1,200	0	0	0	0	0	-1,200	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	537	0	0	0	0	537	
Civ Moving	0	4,959	0	0	0	0	4,959	
Other	1,626	3,745	0	0	0	0	5,371	
MIL PERSONNEL								
Mil Moving	0	3,223	0	0	0	0	3,223	
OTHER								
HAP / RSE	0	401	0	0	0	0	401	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	7,000	15,000	0	0	0	0	22,000	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	7,426	27,866	0	0	0	0	35,292	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	0	-770	-1,541	-1,541	-1,541	-1,541	-6,934	-1,541
O&M								
RPMA	0	-800	-1,684	-1,684	-1,684	-1,684	-7,536	-1,684
BOS	0	2,544	-10,447	-10,447	-10,447	-10,447	-39,243	-10,447
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	606	1,213	1,213	1,213	1,213	5,457	1,213
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	-4,560	-9,120	-9,120	-9,120	-9,120	-41,039	-9,120
House Allow	0	1,611	1,611	1,611	1,611	1,611	8,057	1,611
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	-1,500	-1,500	-1,500	-1,500	-6,000	-1,500
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	-1,369	-21,467	-21,467	-21,467	-21,467	-87,237	-21,467
TOTAL NET COST	7,426	26,497	-21,467	-21,467	-21,467	-21,467	-51,946	-21,467

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)
 Data As Of 13:03 02/20/1995, Report Created 07:44 03/01/1995

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
COLUMBUS	118	9%	0	0%	0
LAUGHLIN	246	14%	0	0%	0
RANDOLPH	0	0%	0	0%	0
REESE	-1,075	-96%	-1,960,000	-100%	1,823
VANCE	118	13%	0	0%	0
BASE X	319	11%	0	0%	0
SHEPPARD	83	2%	0	0%	0

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
COLUMBUS	0	0%	0	944,103	5%	8,001
LAUGHLIN	0	0%	0	1,252,429	7%	5,091
RANDOLPH	0	0%	0	0	0%	0
REESE	-1,684,000	-100%	1,566	-14,702,200	-83%	13,676
VANCE	0	0%	0	1,227,062	7%	10,399
BASE X	0	0%	0	602,286	6%	1,888
SHEPPARD	0	0%	0	229,582	1%	2,766

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
COLUMBUS	944,103	4%	8,001
LAUGHLIN	1,252,429	6%	5,091
RANDOLPH	0	0%	0
REESE	-16,386,200	-84%	15,243
VANCE	1,227,062	5%	10,399
BASE X	602,286	4%	1,888
SHEPPARD	229,582	1%	2,766

RPMA/BOS CHANGE REPORT (COBRA v5.08)
 Data As Of 13:03 02/20/1995, Report Created 07:44 03/01/1995

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	-800	-1,684	-1,684	-1,684	-1,684	-7,536	-1,684
BOS Change	0	2,544	-10,447	-10,447	-10,447	-10,447	-39,243	-10,447
Housing Change	0	-770	-1,541	-1,541	-1,541	-1,541	-6,934	-1,541
TOTAL CHANGES	0	973	-13,672	-13,672	-13,672	-13,672	-53,713	-13,672

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from REESE, TX to VANCE, OK

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	60	0	0	0	0
Enlisted Positions:	0	13	0	0	0	0
Civilian Positions:	0	8	0	0	0	0
Student Positions:	0	37	0	0	0	0
Missn Eqpt (tons):	0	500	0	0	0	0
Suppt Eqpt (tons):	0	250	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from REESE, TX to BASE X

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	93	0	0	0	0
Enlisted Positions:	0	150	0	0	0	0
Civilian Positions:	0	76	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from REESE, TX to SHEPPARD, TX

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	42	0	0	0	0
Enlisted Positions:	0	10	0	0	0	0
Civilian Positions:	0	5	0	0	0	0
Student Positions:	0	26	0	0	0	0
Missn Eqpt (tons):	0	500	0	0	0	0
Suppt Eqpt (tons):	0	250	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: COLUMBUS, MS

Total Officer Employees:	378	RPMA Non-Payroll (\$K/Year):	2,511
Total Enlisted Employees:	535	Communications (\$K/Year):	1,347
Total Student Employees:	152	BOS Non-Payroll (\$K/Year):	18,100
Total Civilian Employees:	221	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	87.0%	Family Housing (\$K/Year):	4,376
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	2,542	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	14
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	66	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.10	Unique Activity Information:	No

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: LAUGHLIN, TX

Total Officer Employees:	350	RPMA Non-Payroll (\$K/Year):	3,403
Total Enlisted Employees:	519	Communications (\$K/Year):	636
Total Student Employees:	162	BOS Non-Payroll (\$K/Year):	16,624
Total Civilian Employees:	745	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	60.0%	Family Housing (\$K/Year):	3,001
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	2,286	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	48
Enlisted VHA (\$/Month):	0	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	66	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Name: RANDOLPH, TX

Total Officer Employees:	1,851	RPMA Non-Payroll (\$K/Year):	4,514
Total Enlisted Employees:	2,472	Communications (\$K/Year):	677
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	12,065
Total Civilian Employees:	3,137	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	34.0%	Family Housing (\$K/Year):	3,864
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	5,154	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	74
Enlisted VHA (\$/Month):	80	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	97	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Name: REESE, TX

Total Officer Employees:	349	RPMA Non-Payroll (\$K/Year):	1,684
Total Enlisted Employees:	411	Communications (\$K/Year):	1,277
Total Student Employees:	140	BOS Non-Payroll (\$K/Year):	16,527
Total Civilian Employees:	219	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	52.0%	Family Housing (\$K/Year):	1,541
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	1,960	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	73	Activity Code:	75
Enlisted VHA (\$/Month):	47	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	86	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Name: VANCE, OK

Total Officer Employees:	320	RPMA Non-Payroll (\$K/Year):	6,164
Total Enlisted Employees:	378	Communications (\$K/Year):	798
Total Student Employees:	149	BOS Non-Payroll (\$K/Year):	17,849
Total Civilian Employees:	95	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	34.0%	Family Housing (\$K/Year):	1,469
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	1,473	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	88
Enlisted VHA (\$/Month):	0	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	66	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: BASE X

Total Officer Employees:	729	RPMA Non-Payroll (\$K/Year):	3,655
Total Enlisted Employees:	1,111	Communications (\$K/Year):	947
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	9,813
Total Civilian Employees:	1,166	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	53.0%	Family Housing (\$K/Year):	2,870
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	5,683	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	36	Activity Code:	X
Enlisted VHA (\$/Month):	25	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	76	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Name: SHEPPARD, TX

Total Officer Employees:	684	RPMA Non-Payroll (\$K/Year):	2,444
Total Enlisted Employees:	2,827	Communications (\$K/Year):	843
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	24,888
Total Civilian Employees:	1,493	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	50.0%	Family Housing (\$K/Year):	5,536
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	7,381	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	49	Activity Code:	81
Enlisted VHA (\$/Month):	26	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	72	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: COLUMBUS, MS

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqrd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: LAUGHLIN, TX

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:

Name: RANDOLPH, TX

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:

Name: REESE, TX

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	7,000	15,000	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	1,500	1,500	1,500	1,500
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	100%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	100%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	1,200	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	1,960					100.0%
						Perc Family Housing ShutDown:

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: VANCE, OK

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: BASE X

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: SHEPPARD, TX

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: REESE, TX

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	0	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	-30	0	0	0	0
Enl Scenario Change:	0	-187	0	0	0	0
Civ Scenario Change:	0	26	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: SHEPPARD, TX

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	6	0	0	0	0
Enl Force Struc Change:	0	22	0	0	0	0
Civ Force Struc Change:	0	-106	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	0.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Final Factors	RSE Homeowner Receiving Rate:	0.00%

Department : Air Force
 Option Package : Reese
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\REESE.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index: 0.93	Rehab vs. New MilCon Cost: 0.00%
BOS Index (RPMA vs population): 0.54 (Indices are used as exponents)	Info Management Account: 0.00%
Program Management Factor: 10.00%	MilCon Design Rate: 0.00%
Caretaker Admin(SF/Care): 162.00	MilCon SIOH Rate: 0.00%
Mothball Cost (\$/SF): 1.25	MilCon Contingency Plan Rate: 0.00%
Avg Bachelor Quarters(SF): 256.00	MilCon Site Preparation Rate: 0.00%
Avg Family Quarters(SF): 1,320.00	Discount Rate for NPV.RPT/ROI: 2.75%
APPDET.RPT Inflation Rates:	Inflation Rate for NPV.RPT/ROI: 0.00%
1996: 0.00% 1997: 2.90% 1998: 3.00%	1999: 3.00% 2000: 3.00% 2001: 3.00%

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb): 710	Equip Pack & Crate(\$/Ton): 284.00
HHG Per Off Family (Lb): 14,500.00	Mil Light Vehicle(\$/Mile): 0.43
HHG Per Enl Family (Lb): 9,000.00	Heavy/Spec Vehicle(\$/Mile): 1.40
HHG Per Mil Single (Lb): 6,400.00	POV Reimbursement(\$/Mile): 0.18
HHG Per Civilian (Lb): 18,000.00	Avg Mil Tour Length (Years): 4.10
Total HHG Cost (\$/100Lb): 35.00	Routine PCS(\$/Pers/Tour): 6,437.00
Air Transport (\$/Pass Mile): 0.20	One-Time Off PCS Cost(\$): 9,142.00
Misc Exp (\$/Direct Employ): 700.00	One-Time Enl PCS Cost(\$): 5,761.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
Horizontal	(SY)	0	other	(SF)	0
Waterfront	(LF)	0	Optional Category B	()	0
Air Operations	(SF)	0	Optional Category C	()	0
Operational	(SF)	0	Optional Category D	()	0
Administrative	(SF)	0	Optional Category E	()	0
School Buildings	(SF)	0	Optional Category F	()	0
Maintenance Shops	(SF)	0	Optional Category G	()	0
Bachelor Quarters	(SF)	0	Optional Category H	()	0
Family Quarters	(EA)	0	Optional Category I	()	0
Covered Storage	(SF)	0	Optional Category J	()	0
Dining Facilities	(SF)	0	Optional Category K	()	0
Recreation Facilities	(SF)	0	Optional Category L	()	0
Communications Facil	(SF)	0	Optional Category M	()	0
Shipyards Maintenance	(SF)	0	Optional Category N	()	0
RDT & E Facilities	(SF)	0	Optional Category O	()	0
POL Storage	(BL)	0	Optional Category P	()	0
Ammunition Storage	(SF)	0	Optional Category Q	()	0
Medical Facilities	(SF)	0	Optional Category R	()	0
Environmental	()	0			

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1995 AIR FORCE BASE QUESTIONNAIRE

Rickenbacker ANGB - NGB

Section I

1. Force Structure

I.1.A No NAF or Non-Air Force activities on base.

I.1.B Remote/Geographically Separated Units receiving more than 50% of Base Operational Support from the base:

I.1.B.1 Supported Unit:	220 EIS	GSU	GSU - Geographically Separated Unit
Location:	ZANESVILLE, OH		REM - Remote Unit
Support provided:	FINANCE-SUPPLY-TMO-TRANSPORTATION-CONTRACTING-PERSONNEL-COMMUNICATIONS-CIVIL ENGINEERING-PASS&ID-BIOENVIRONMENTAL-MEDICAL-RECRUTING-SECURITY(CATM)		

1995 AIR FORCE BASE QUESTIONNAIRE

Rickenbacker ANGB - NGB

2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

I.2.A.1 Some of the base ATCALs are officially part of the NAS.

I.2.A.2 Details for specific ATC facilities:

	(A.2) ATC Summary:		(A.3) Detailed traffic counts:				
	Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	ILS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
Tower	2	69665	21764	47901	N/A	N/A	N/A

I.2.A.4 The primary instrument runway is designated 23L

40000 operations were conducted this runway during calendar year 1993

I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:

NONE

I.2.A.6 The base does Not experience ATC delays.

B. Geographic Location

I.2.B.1 Nearest major primary airlift customer: COLUMBUS ARMY DEPOT distance 10 NM

Nearest major primary airdrop customer: FORT CAMPBELL distance 286 NM

I.2.B.2 Distance to forward deployment Air Bases:

Lajes AB: 2593 NM

Rota AB: 3613 NM

1995 AIR FORCE BASE QUESTIONNAIRE

Rickenbacker ANGB - NGB

Hickam AFB: 3982 NM
 RAF Mildenhall: 3512 NM

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway >= 3,000ft	SPRINGFIELD-BECKLEY MUNI	42
I.2.B.4	Military airfield, runway >= 8,000ft	SPRINGFIELD-BECKLEY MUNI	42
I.2.B.5	Military airfield, runway >= 10,000ft	WRIGHT-PATTERSON AFB	52
I.2.B.6	Military or civilian airfield, runway >= 3,000ft	Bolton Field	10
I.2.B.7	Military or civilian airfield, runway >= 8,000ft	Port Columbus Int'l	12
I.2.B.8	Military or civilian airfield, runway >= 10,000ft	Port Columbus Int'l	12
I.2.B.9	Civilian airfield, runway >= 8,000ft for capable of conducting short term operations	Port Columbus Int'l	12
I.2.B.10	Civilian airfield, runway >= 10,000ft for capable of conducting short term operations	Port Columbus Int'l	12
I.2.B.11	Other runways on base can be used for emergency landings.		

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

- I.2.C.1 There are No supersonic Air Combat Training (ACBT) MOAs or warning/restricted areas (minimum size of 4,200 sq NM) within 300 NM.
- I.2.C.2 There are No MOAs or warning/restricted areas (minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft) within 200 NM.
- I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-108 A,B	406 NM	W-108 A,B	406 NM	W-386 A,B,C,D,E	428 NM
W-72A	433 NM	W-122 D	441 NM	W-122 E	441 NM
W-177A	443 NM	W-107A	445 NM	W-122 A,B,C,F,G,H,I,J	451 NM
W-107 A,D,E,F	454 NM	W-107 A,D,E,F,	454 NM	W-386B	454 NM
W-161A,B/W-177A,B	465 NM	W-122I	471 NM	W-387 A,B	475 NM

1995 AIR FORCE BASE QUESTIONNAIRE

Rickenbacker ANGB - NGB

W-387A	475 NM	W-122F	478 NM	W-72 A,B	484 NM
W-122 A,B,C,D,E,F,G,H,I,	489 NM	W-132 A,B	493 NM	W-72B	507 NM
W-122C	513 NM	W-122G	519 NM	W-132A,B/W-134/W-157A	519 NM
W-122J	521 NM	W-157A	529 NM	W-157B	550 NM
W-105 A,B,D,E,G	560 NM	W-155 A,B,D,E,G	560 NM	W-105A	568 NM
W-105E	574 NM	W-157C	594 NM		

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
JEFFERSON PROVING G	125 NM	ATTERBURY	148 NM	INDIANTOWN GAP	290 NM
GRAYLING	312 NM	POINSETT	378 NM	WARREN GROVE	397 NM
HARDWOOD	415 NM	NAVY DARE COUNTY	415 NM	USAF DARE COUNTY	416 NM
CHERRY POINT BT-11	423 NM	FT DRUM	425 NM	CANNON	454 NM
TOWNSEND	503 NM	GRAND BAY	531 NM	EGLIN C62	573 NM
EGLIN C52	579 NM	RAZORBACK	597 NM	SHELBY EAST	598 NM
SHELBY WEST	602 NM	PINECASTLE	644 NM	SMOKEY HILL	697 NM
CLAIBORNE	702 NM	AVON PARK BRAVO/FO	731 NM	AVON PARK CHARLIE/E	738 NM

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

JEFFERSON PROVIN | 125 NM

I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

VOLK FIELD MDS | 411 NM

I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

JEFFERSON PROVIN | 125 NM

I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	2	2	6	36	66	116
SR	15	24	27	63	108	116
VR	5	8	15	63	127	168
Total Routes:	22	34	48	162	301	400

Identify Routes:

SR-733 1 NM	SR-732 6 NM	SR-735 6 NM	SR-734 7 NM	SR-738 12 NM	VR-1632 12 NM
VR-1633 12 NM	SR-737 13 NM	VR-1631 17 NM	SR-707 40 NM	SR-708 40 NM	SR-711 40 NM
SR-714 40 NM	SR-713 40 NM	SR-710 40 NM	IR-608 48 NM	SR-709 52 NM	SR-712 52 NM

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1995 AIR FORCE BASE QUESTIONNAIRE

Rickenbacker ANGB - NGB

SR-715	52 NM	IR-723	75 NM	VR-1617	99 NM	VR-1638	99 NM				
SR-815	106 NM	SR-816	106 NM	SR-822	106 NM	SR-871	120 NM	SR-872	120 NM	SR-873	120 NM
SR-874	120 NM	VR-1668	125 NM	SR-817	138 NM	SR-818	147 NM	VR-1640	149 NM	VR-1667	149 NM
VR-1641	162 NM	VR-1642	162 NM	VR-1758	173 NM	SR-701	180 NM	SR-703	180 NM	SR-702	185 NM
IR-743	186 NM	VR-1743	186 NM	IR-726	188 NM	VR-1726	188 NM	IR-618	197 NM	VR-1722	197 NM
VR-619	197 NM	IR-721	200 NM								
VR-1624	206 NM	VR-1625	206 NM	VR-1721	214 NM	SR-802	222 NM	SR-808	222 NM	SR-807	222 NM
VR-1679	222 NM	SR-803	222 NM	SR-804	222 NM	SR-806	222 NM	IR-761	223 NM	VR-1751	223 NM
VR-093	227 NM	SR-823	228 NM	IR-762	232 NM	VR-1756	232 NM	IR-002	239 NM	IR-075	239 NM
VR-1757	243 NM	IR-081	249 NM	VR-708	252 NM	VR-1055	253 NM	IR-079	257 NM	IR-080	257 NM
VR-664	261 NM	VR-705	261 NM	VR-704	261 NM	VR-1626	263 NM	SR-105	267 NM	VR-1759	275 NM
SR-059	284 NM	SR-062	284 NM	SR-061	284 NM	SR-060	284 NM	SR-820	285 NM	SR-835	285 NM
SR-821	285 NM	SR-225	287 NM	VR-097	290 NM	IR-074	291 NM	IR-614	292 NM	VR-1635	292 NM
VR-615	294 NM	VR-058	295 NM	IR-720	297 NM	VR-073	297 NM	SR-825	298 NM	VR-1061	298 NM
SR-774	299 NM	VR-1627	300 NM	VR-1628	300 NM	VR-634	302 NM	IR-042	303 NM	VR-1068	303 NM
IR-719	305 NM	VR-1645	307 NM	VR-1711	307 NM	VR-1712	307 NM	VR-1713	307 NM	IR-083	308 NM
IR-082	310 NM	VR-096	311 NM	VR-1644	312 NM	VR-1647	312 NM	SR-102	313 NM	SR-781	314 NM
SR-782	314 NM	VR-088	314 NM	VR-095	315 NM	SR-867	316 NM	VR-707	316 NM	IR-022	318 NM
SR-800	321 NM	SR-801	321 NM	SR-805	321 NM	VR-1709	324 NM	VR-092	325 NM	VR-087	327 NM
VR-1052	332 NM	SR-773	334 NM	IR-090	336 NM	SR-771	339 NM	IR-715	340 NM	IR-718	340 NM
IR-089	341 NM	IR-157	341 NM	IR-174	341 NM	VR-085	345 NM	VR-086	345 NM	SR-844	348 NM
SR-846	348 NM	SR-845	348 NM	VR-1059	349 NM	IR-714	357 NM	VR-1754	357 NM	IR-760	357 NM
SR-035	362 NM	SR-036	362 NM	VR-1636	362 NM	SR-037	362 NM	SR-040	362 NM	VR-1752	363 NM
VR-1753	368 NM	VR-1755	368 NM	IR-716	376 NM	IR-078	377 NM	VR-1060	380 NM	IR-592	381 NM
IR-036	383 NM	IR-609	383 NM	SR-847	388 NM	IR-069	390 NM	SR-166	395 NM	IR-012	396 NM
IR-066	401 NM	VR-1639	401 NM	VR-1051	401 NM	VR-1050	401 NM	IR-077	401 NM	IR-067	401 NM
IR-062	402 NM	VR-1043	408 NM	VR-1046	409 NM	SR-785	410 NM	VR-1049	414 NM	VR-1040	417 NM
IR-035	418 NM	VR-1069	418 NM	IR-610	422 NM	SR-776	425 NM	VR-1016	427 NM	VR-1074	430 NM
VR-1054	433 NM	SR-075	438 NM	VR-1013	438 NM	VR-1058	440 NM	VR-1057	444 NM	IR-023	445 NM
IR-527	451 NM	SR-038	455 NM	VR-1014	455 NM	VR-724	455 NM	VR-725	455 NM	VR-1650	455 NM
VR-1056	461 NM	IR-041	462 NM	VR-1648	462 NM	VR-1067	462 NM	VR-1041	462 NM	IR-063	462 NM
SR-039	462 NM	SR-069	464 NM	SR-070	464 NM	SR-071	464 NM	SR-072	464 NM	SR-073	465 NM
SR-074	465 NM	IR-091	470 NM	VR-1666	473 NM	SR-137	475 NM	SR-238	475 NM	IR-017	477 NM
VR-1017	477 NM	IR-018	484 NM	VR-1003	485 NM	SR-900	490 NM	IR-016	492 NM	VR-1070	492 NM
SR-901	496 NM	VR-1031	497 NM	VR-094	498 NM	VR-1011	498 NM	VR-1001	502 NM	VR-1005	502 NM
VR-060	504 NM	VR-1801	506 NM	IR-068	512 NM	VR-1629	513 NM	VR-1030	517 NM	VR-607	518 NM

1995 AIR FORCE BASE QUESTIONNAIRE

Rickenbacker ANGB - NGB

VR-1033	521 NM	SR-218	522 NM	SR-219	522 NM	SR-220	522 NM	SR-221	522 NM	SR-226	522 NM
SR-229	522 NM	SR-227	522 NM	VR-1616	522 NM	SR-237	522 NM	SR-232	522 NM	SR-231	522 NM
SR-230	522 NM	SR-222	522 NM	IR-044	526 NM	VR-1525	526 NM	SR-905	528 NM	VR-1066	530 NM
SR-727	534 NM	VR-1004	534 NM	VR-1002	536 NM	SR-616	537 NM	SR-617	537 NM	IR-120	542 NM
VR-1102	542 NM	IR-801	543 NM	SR-728	545 NM	VR-1800	545 NM	SR-729	545 NM	SR-904	548 NM
VR-1065	548 NM	IR-502	550 NM	IR-504	550 NM	SR-239	551 NM	VR-1082	558 NM	VR-1084	558 NM
VR-1085	558 NM	IR-015	559 NM	IR-070	561 NM	VR-1032	562 NM	SR-618	568 NM	SR-619	568 NM
SR-731	568 NM	SR-730	568 NM	IR-059	569 NM	SR-104	569 NM	SR-103	569 NM	SR-101	569 NM
SR-106	569 NM	IR-057	570 NM	SR-902	570 NM	VR-1546	574 NM	IR-019	576 NM	VR-1008	576 NM
VR-1006	578 NM	VR-1007	578 NM	IR-021	581 NM	VR-604	581 NM	VR-1072	582 NM	VR-1020	584 NM
VR-1182	587 NM	IR-606	590 NM	IR-030	591 NM	IR-031	591 NM	IR-033	591 NM	SR-031	593 NM
VR-541	594 NM	VR-1009	596 NM	VR-840	597 NM	VR-842	597 NM	VR-841	597 NM	VR-1130	598 NM
VR-1083	600 NM										
SR-223	602 NM	SR-224	602 NM	VR-1010	603 NM	IR-037	606 NM	IR-843	610 NM	IR-843A	610 NM
VR-511	610 NM	IR-121	611 NM	VR-1103	611 NM	SR-029	619 NM	IR-032	621 NM	IR-038	622 NM
IR-040	625 NM	VR-1021	625 NM	VR-1024	625 NM	VR-1023	625 NM	VR-1039	633 NM	VR-512	636 NM
VR-510	637 NM	VR-1022	639 NM	VR-540	650 NM	IR-505	656 NM	IR-517	656 NM	VR-1520	656 NM
VR-1515	656 NM	IR-164	658 NM	VR-1104	658 NM	VR-533	658 NM	VR-179	660 NM	SR-030	663 NM
VR-545	673 NM	VR-189	675 NM	VR-531	676 NM	VR-534	676 NM	VR-535	676 NM	IR-508	680 NM
IR-509	680 NM	IR-160	681 NM	IR-161	681 NM	IR-605	683 NM	VR-1196	685 NM	VR-1097	697 NM
VR-544	697 NM	VR-1521	699 NM	IR-046	700 NM	VR-552	703 NM	VR-119	704 NM	IR-524	707 NM
IR-518	709 NM	VR-138	710 NM	IR-506	711 NM	VR-1522	711 NM	VR-532	711 NM	IR-047	712 NM
VR-152	721 NM	IR-020	724 NM	IR-800A	724 NM	IR-803	724 NM	IR-804	724 NM	IR-802	724 NM
IR-800	724 NM	IR-129	724 NM	IR-850	729 NM	IR-852	729 NM	IR-851	729 NM	IR-117	733 NM
VR-1113	733 NM	VR-1128	733 NM	VR-1137	733 NM	IR-048	734 NM	IR-049	739 NM	IR-050	739 NM
VR-1098	739 NM	IR-051	739 NM	VR-1523	740 NM	IR-800B	746 NM	IR-145	747 NM	IR-146	747 NM
IR-185	749 NM	VR-106	751 NM	SR-296	752 NM	IR-055	753 NM	IR-805	753 NM	IR-507	756 NM
IR-181	758 NM	IR-183	758 NM	IR-171	760 NM	IR-182	760 NM	IR-175	760 NM	VR-536	766 NM
SR-294	768 NM	SR-295	768 NM	SR-228	774 NM	VR-188	779 NM	VR-1574	782 NM	VR-1089	793 NM
IR-430	795 NM	IR-490	795 NM	IR-492	795 NM						

I.2.C.9 IR-430 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 795 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
8	15	42

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8	15	42
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I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance
AR-217	130 NM	AR-455 WEST	133 NM	AR-218L	147 NM	AR-455 EAST	159 NM
AR-203 SOUTHWEST	161 NM	AR-218H	163 NM	AR-315 WEST	176 NM	AR-328	192 NM
AR-315 EAST	204 NM	AR-633A	219 NM	AR-633B	229 NM	AR-216 SOUTHWEST	243 NM
AR-632A	275 NM	AR-632B	282 NM	AR-640B	284 NM		
AR-206H	305 NM	AR-206L	305 NM	AR-111 WEST	310 NM	AR-203 NORTHEAST	310 NM
AR-016 SOUTHWEST	321 NM	AR-107	322 NM	AR-207SW SOUTHWE	333 NM	AR-640A	353 NM
AR-216 NORTHEAST	355 NM	AR-321	355 NM	AR-600	369 NM	AR-110 WEST	384 NM
AR-111 EAST	385 NM	AR-207NE NORTHEA	401 NM	AR-109H WEST	412 NM	AR-109L WEST	412 NM
AR-016 NORTHEAST	423 NM	AR-609	434 NM	AR-318 WEST	455 NM	AR-601	456 NM
Racoon MOA	456 NM	AR-607	458 NM	AR-612	461 NM	AR-637	470 NM
AR-636	485 NM	AR-110 EAST	489 NM	AR-202S SOUTH	493 NM		

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
4186	6890

Track	Distance	Events	Track	Distance	Events	Track	Distance	Events	Track	Distance	Events
AR-455	133 NM	372	AR-218	147 NM	359	AR-203	161 NM	223	AR-216	243 NM	64
AR-206H	305 NM	50	AR-206L	305 NM	20	AR-111	310 NM	303	AR-016	321 NM	157
AR-110	384 NM	596	AR-109	412 NM	213	Racoon	456 NM	1829			0
AR-101	518 NM	217	AR-204	559 NM	319	AR-212	559 NM	356	AR-112	590 NM	360
AR-309	619 NM	138	AR-105	624 NM	285	AR-302	639 NM	445	AR-116	690 NM	541

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 384NM from the base."

I.2.C.10d Percentage of tanker demand in region: 17.0

Percentage of tankers based in region: 25.0

Tanker saturation within the region has been classified as tanker Rich

I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
AEGIS	313 NM	✓	✓	✓	0	1
ANDREWS	288 NM		✓		0	1

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BASTOGNE	290 NM	✓	✓	✓	0	0
BIG SANDY (WTR)	316 NM	✓	✓		0	0
BLACKSTONE	286 NM	✓	✓	✓	0	1
CARENTAN (A)	210 NM		✓	✓	0	1
CENTRAL CITY NO	250 NM	✓			0	0
CENTRAL CITY SO	250 NM	✓			0	0
CORINTH	333 NM	✓			0	0
CORREGIDOR	292 NM		✓	✓	0	0
COTENTIN	332 NM	✓	✓	✓	0	0
DEEP CREEK	332 NM		✓		0	0
DOVE - FT PICKETT	288 NM	✓	✓	✓	0	1
FLYING DUTCHMAN	329 NM	✓			0	0
FRAMHART	161 NM	✓	✓	✓	0	0
GELA	333 NM	✓	✓	✓	0	0
HARD	333 NM	✓			0	0
HAT TRICK	332 NM	✓			0	1
HOLLAND	329 NM	✓	✓	✓	0	0
LAURNBERG MAXTN	346 NM	✓	✓	✓	0	0
LOS BANOS	294 NM	✓	✓	✓	0	0
LUZON	332 NM	✓	✓	✓	0	1
LUZON REVERSE	332 NM	✓			0	1
MCLEAN	291 NM	✓		✓	0	0
MYITKYINA TREE	331 NM	✓	✓		0	0
NETHERLANDS	329 NM	✓	✓	✓	0	0
NETHERLANDS ORI	329 NM	✓	✓	✓	0	0
NIJMEGEN	331 NM	✓	✓	✓	0	0
NORMANDY	332 NM	✓	✓	✓	0	0
SALERNO	330 NM	✓	✓	✓	0	0
SICILY	333 NM	✓	✓	✓	0	0
SICILY DEMO	333 NM	✓	✓	✓	0	0
SWAN CREEK	313 NM	✓	✓	✓	0	0
TATER EAST	189 NM	✓		✓	0	0
VOLTURNO	330 NM	✓	✓	✓	0	0
WESTERN KENTUCK	251 NM	✓	✓	✓	0	0
WOODLAWN BEACH	256 NM		✓		0	1

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AEGIS	SR-800								
ANDREWS	SR-820								
BLACKSTONE	SR-867								
CARENTAN (A)	SR-225								
DOVE - FT PICKETT	SR-867								
HAT TRICK	SR-105								
LUZON	SR-105								
LUZON REVERSE	SR-105								
WOODLAWN BEACH	SR-825								

I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

ANDERSON 146 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
CARENTAN (A)	210 NM		✓	✓	0	0
WESTERN KENTUCK	251 NM	✓	✓	✓	0	0

I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM>

FORT KNOX 183 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 The base **Does not control or manage any ranges, questions I.2.D.2 to I.2.D.17 skipped.**

Ranges (Used by the base)

I.2.D.18 The base uses ranges on a regular basis

I.2.D.19 The mission and training is **Not adversely impacted by training area airspace encroachment or other conflicts.**

I.2.D.20 MOAs/bombing ranges/other training areas have **No scheduling restrictions/limitations.**

I.2.D.21 MOAs/bombing ranges/other training areas have **No projected scheduling restrictions/limitations.**

I.2.D.22 **No significant changes/restrictions/limitations effecting the scheduling of low level routes in progress.**

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E. Airspace Used by Base

I.2.E.1 **Airspaces scheduled or managed by the base:**
 AIR REFUEL TRACK AR 315 Air Refueling Track / Anc

Details for airspace scheduled or managed by the base:

Airspace: AIR REFUEL TRACK AR 315

I.2.E.2 **An environmental analysis has Not been conducted for this airspace.**

I.2.E.3 **There are No Noise Sensitive Areas associated with the airspace.**

I.2.E.4 **Commercial / civilian encroachment problems associated with the airspace:**

I.2.E.5 **There are No planned expansions (including new airspace) to the base's special use airspace.**

I.2.E.6 **Restrictions currently acting on this airspace:**

CLOSED 1500Z-1600Z

I.2.E.7 **Published availability of the airspace:**

22 HOURS PER DAY

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a **Hours scheduled: 1,106 hrs**

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I.2.E.7.b Hours used: 814 hrs

I.2.E.7.c Reasons for non-use:
MAINTENANCE AND WEATHER CANCELS ONLY

I.2.E.8 Utilization of the airspace can Not be increased.

I.2.E.9 It is Not possible to expand either hours or volume to increase the airspace utilization.

I.2.E.10 Description of the volume or area of the Airspace:

AR315 IS A BI-DIRECTIONAL AIR REFUELING TRACK WITH PLANNED ORBIT (ARCPs) AT LONDON(LOZ) FOR WESTBND A/Rs AND AT POCKET CITY(PXV) RADIAL 104 DEG AND 80 NM FOR EASTBND A/Rs. EAST BOUNDARY - LOZ 072/100 WEST BOUNDARY-PXV VORT - 261 NM

I.2.E.11 100.00 percent of the airspace is usable.

Commercial Aviation Impact

I.2.E.12 The base is joint-use (military/civilian).

I.2.E.13 List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
AIRBORNE (ILN)	Commercial
BOLTON FIELD (214)	General Aviation
BUCKEYE EXECUTIVE (319)	General Aviation
CLINTON FIELD (166)	General Aviation
DARBY DAN (616)	General Aviation
DELAWARE MUNICIPAL (DZL)	General Aviation
FAIRFIELD COUNTY (115)	General Aviation
FAYETTE COUNTY (123)	General Aviation
GREEN COUNTY (119)	General Aviation
GRIMES FIELD - URBANA (174)	General Aviation
HIGHLAND COUNTY (HOC)	General Aviation
KNOX COUNTY (413)	General Aviation
MADISON COUNTY (UYF)	General Aviation
MORROW COUNTY (419)	General Aviation
NEWARK-HEATH (218)	General Aviation
OHIO STATE UNIVERSITY (OSU)	Commercial
OHIO UNIVERSITY (UNI)	General Aviation
PERRY COUNTY (186)	General Aviation

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PICKAWAY COUNTY (CYO)	General Aviation
PIKE COUNTY (I57)	General Aviation
PORT COLUMBUS (CMH)	Commercial
ROSS COUNTY (RTZ)	General Aviation
SOUTH COLUMBUS (4I2)	Uncontrolled
SPRINGFIELD (SGH)	Military
UNION COUNTY (I78)	General Aviation
VINTON COUNTY (22I)	Uncontrolled
ZANESVILLE (ZZV)	General Aviation

I.2.E.14 **Civilian/commercial operators or other airspace users do Not pose scheduling, operational, or environmental constrains or limits.**

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F. Potential for Growth in Training Airspace (Area)

- I.2.F.1 **Expansion of training airspace is Not possible.**

- I.2.F.2 **Current access will remain the same.**
- I.2.F.3 **No reductions in training airspace are expected.**

- I.2.F.4 **Current special use airspace and training areas meet all training requirements.**
- I.2.F.4.a **Deployed, off-station training is not required to meet training requirements.**

G. Composite / Integrated Force Training

- I.2.G.1 **Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:**
 - CP ATTERBURY RFTA
 - 145 NM from the base.
- I.2.G.2 **DELETED**
- I.2.G.3 **Nearest Naval unit where joint training can be accomplished:**
 - Glenview NAS
 - 250 mi from the base.
- I.2.G.4 **Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:**
 - 178FG SPRINGFIELD,OH&906FG,OH
 - 65 mi from the base.
- I.2.G.5 **DELETED**

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

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I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / ½ mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
99.3	98.3	87.5	77.1	71.9

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 97.4 percent of the time

I.2.J.2.b Is at or below 25 knots 99.8 percent of the time

I.2.J.3 48 Days have freezing participation (mean per year).

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Section II**1. Installation Capacity & Condition****A. Land**

	Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
II.1.A.1	RICKENBACKER	CANTONMENT AREA	149	119	30
		TOTALS:	149	119	30

B. Facilities**II.1.B.1 From real property records:**

	Facility Category Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	(C) Excess Capacity
II.1.B.1.a.i	121-122	Hydrant Fueling System Pits	EA	8	8	100.0	0.0	0.0	0
II.1.B.1.a.ii	121-122a	Consolidated Aircraft Support System	EA	0	0		0.0	0.0	0
II.1.B.1.b	131	Communications-Buildings	SF	N/A	13,460	100.0	0.0	0.0	N/A
II.1.B.1.c	141	Operations-Buildings	SF	N/A	34,000	100.0	0.0	0.0	N/A
II.1.B.1.c.i	141-232	Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	141-753	Squadron Operations	SF	34,000	34,000	100.0	0.0	0.0	0
II.1.B.1.c.iii	141-782	Air Freight Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.iv	141-784	Air Passenger Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.v	141-785	Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	171	Training Buildings	SF	N/A	30,300	100.0	0.0	0.0	N/A
II.1.B.1.d.i	171-211	Flight Training	SF	0	0		0.0	0.0	0
II.1.B.1.d.ii	171-211a	Combat Crew Trng Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	171-212	Flight Simulator Training (High Bay)	SF	4,686	4,686	100.0	0.0	0.0	0
II.1.B.1.d.iv	171-212a	Companion Trng Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	171-618	Field Training Facility	SF	0	0		0.0	0.0	0
II.1.B.1.e	211	Maintenance Aircraft	SF	N/A	151,860	100.0	0.0	0.0	N/A
II.1.B.1.e.i	211-111	Maintenance Hanger	SF	52,600	56,000	100.0	0.0	0.0	3,400
II.1.B.1.e.ii	211-152	General Purpose Aircraft Maintenance	SF	27,000	27,000	100.0	0.0	0.0	0
II.1.B.1.e.iii	211-152a	DASH 21	SF	1,500	1,500	100.0	0.0	0.0	0
II.1.B.1.e.iv	211-153	Non-Destructive Inspection (NDI) Lab	SF	3,500	3,500	100.0	0.0	0.0	0
II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	10,000	10,000	100.0	0.0	0.0	0

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II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	6,000	6,000	100.0	0.0	0.0	0
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	0	0		0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	0	19,000	100.0	0.0	0.0	19,000
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	25,500	28,860	100.0	0.0	0.0	3,360
II.1.B.1.e.xiii	211-183	Test Cell	SF	0	0		0.0	0.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g	214	Maintenance-Automotive	SF	N/A	29,794	100.0	0.0	0.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	15,000	27,000	100.0	0.0	0.0	12,000
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	1,500	2,794	100.0	0.0	0.0	1,294
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	0	0		0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	0	0		0.0	0.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	6,800	100.0	0.0	0.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	6,800	6,800	100.0	0.0	0.0	0
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	0	0		0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	7,200	7,200	100.0	0.0	0.0	0
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	8,000	8,000	100.0	0.0	0.0	0
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	0	0		0.0	0.0	0
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	19,600	100.0	0.0	0.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	20,000	20,000	100.0	0.0	0.0	0
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	0	0		0.0	0.0	0
II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	0	0		0.0	0.0	0

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II.1.B.1.t.iii	422-264	Igloo Magazine	SF	0	0		0.0	0.0	0
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	0	0		0.0	0.0	0
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	0	0		0.0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	6,000	100.0	0.0	0.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	46,824	100.0	0.0	0.0	N/A
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	2,000	474	100.0	0.0	0.0	0
II.1.B.1.v.ii	442-258	LOX Storage	GA	0	0		0.0	0.0	0
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	36,350	36,350	100.0	0.0	0.0	0
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	2,000	2,000	100.0	0.0	0.0	0
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	0	0		0.0	0.0	0
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.x	530	Medical Laboratories	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.y	540	Dental Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	0	0		0.0	0.0	0
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0		0.0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	0		0.0	0.0	N/A
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	0	0		0.0	0.0	0
II.1.B.1.cc	722	Dining Hall	SF	N/A	12,000	100.0	0.0	0.0	N/A
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	12,000	12,000	100.0	0.0	0.0	0
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	0		0.0	0.0	N/A
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.gg	852-273	Acft Support Equipment Storage	SY	0	0		0.0	0.0	0

Notes for specific Cat Codes:

II.1.B.1.a.ii	121-122a	N/A
II.1.B.1.c.i	141-232	N/A
II.1.B.1.c.iii	141-782	N/A
II.1.B.1.c.iv	141-784	N/A
II.1.B.1.c.v	141-785	N/A
II.1.B.1.d.i	171-211	N/A
II.1.B.1.d.ii	171-211a	N/A
II.1.B.1.d.iv	171-212a	N/A
II.1.B.1.d.v	171-618	N/A

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II.1.B.1.e	211	N/A
II.1.B.1.e.vii	211-157a	N/A
II.1.B.1.e.ix	211-173	N/A
II.1.B.1.e.x	211-175	N/A
II.1.B.1.e.xi	211-177	N/A
II.1.B.1.e.xiii	211-183	N/A
II.1.B.1.f	212	N/A
II.1.B.1.f.i	212-212	N/A
II.1.B.1.f.ii	212-212a	N/A
II.1.B.1.f.iii	212-213	N/A
II.1.B.1.f.iv	212-220	N/A
II.1.B.1.g	214	N/A
II.1.B.1.h	215-552	N/A
II.1.B.1.i	216-642	N/A
II.1.B.1.j	217	N/A
II.1.B.1.j.ii	217-712a	N/A
II.1.B.1.j.iii	217-713	N/A
II.1.B.1.k.iii	218-868	N/A
II.1.B.1.m	310	N/A
II.1.B.1.n	311	N/A
II.1.B.1.o	312	N/A
II.1.B.1.p	315	N/A
II.1.B.1.q	317	N/A
II.1.B.1.r	318	N/A
II.1.B.1.t	422	N/A
II.1.B.1.t.i	422-253	N/A
II.1.B.1.t.ii	422-258	N/A
II.1.B.1.t.iii	422-264	N/A
II.1.B.1.t.iv	422-265	N/A
II.1.B.1.t.v	422-275	N/A
II.1.B.1.v	442	N/A
II.1.B.1.v.ii	442-258	N/A
II.1.B.1.v.v	442-758b	N/A

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II.1.B.1.w	510	N/A
II.1.B.1.x	530	N/A
II.1.B.1.y	540	N/A
II.1.B.1.z	550	N/A
II.1.B.1.aa	610	N/A
II.1.B.1.aa.i	610-144	N/A
II.1.B.1.aa.ii	610-144a	N/A
II.1.B.1.bb	721	N/A
II.1.B.1.bb.i	721-312	N/A
II.1.B.1.cc	722	N/A
II.1.B.1.dd	724	N/A
II.1.B.1.ee	730	N/A
II.1.B.1.ff	740	N/A
II.1.B.1.gg	852-273	N/A

II.1.B.2 From in-house survey:

Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	111 Aircraft Pavement-Runway(s)	SY	725,946	66.7	0.0	33.3
II.1.B.1.b	112 Airfield Pavements-Taxiways	SY	324,927	79.1	20.1	0.8
II.1.B.1.c	113 Airfield Pavement-Apron(s)	SY	447,368	84.9	0.0	15.1
II.1.B.1.d	116-662 Dangerous Cargo Pad	SY	0			
II.1.B.1.e	812 Elec Power-Trans & Distr Lines	LF	21,000	100.0	0.0	0.0
II.1.B.1.f	822 Heat-Trans & Distr Lines	LF	0			
II.1.B.1.g	832 Sewage and Indust Waste Collection (Mains)	LF	4,150	100.0	0.0	0.0
II.1.B.1.h	842 Water-Distr Sys-Potable	LF	16,000	100.0	0.0	0.0
II.1.B.1.i	843 Water-Fire Protection (Mains)	LF	8,730	100.0	0.0	0.0
II.1.B.1.j	851 Roads	SY	20,000	100.0	0.0	0.0
II.1.B.1.k	852 Veh/Equip Parking	SY	40,000	100.0	0.0	0.0

Notes for specific Cat Codes:

II.1.B.1.a	111	CODE 3 PERCENTAGE SHOULD ACTUALLY BE CODE 4, VACANT OR ABANDONED RUNWAY
II.1.B.1.b	112	CODE 3 PERCENTAGE SHOULD BE CODE 4, VACANT OR ABANDONED TAXIWAY
II.1.B.1.c	113	CODE 3 PERCENTAGE SHOULD BE CODE 4, VACANT OR ABANDONED APRON
II.1.B.1.d	116-662	N/A

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II.1.B.1.f

822|N/A

2. Airfield Characteristics

II.2 Runway Table:

Primary Designation		Dimensions: Length Width		Cross Runway	Aircraft Arresting Systems (II.2.I) Number Types	
23R	Secondary	12001 ft	150 ft	No		
23L	Primary	12102 ft	200 ft	No	None	

II.2.A There are 2 active runways.

II.2.A.1 There are NO cross runways

II.2.B There are 1 parallel runways (excluding main runway).

II.2.C Dimensions of the primary runway (23L).

II.2.C.1 Length: 12,102 ft

II.2.C.2 Width: 200 ft

II.2.D Dimensions of all secondary runways are in the runway table.

II.2.E The primary taxiway is 75 ft wide.

II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency (AFCESA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

An AFCESA Pavement Evaluation Report was used to complete this section.

Aircraft Group	Criteria	Primary Pavements				
		Runways	Taxiways	Aprons		
II.2.F.1 Fighter	F-15	61 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.2 Fighter	F-16C/D	37 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.3 Bomber	B-52	450 Kips	15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.4 Bomber	B-1B	450 Kips	50,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.5 Tanker	KC-135R	320 Kips	50,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.6 Tanker	KC-10	550 Kips	15,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.7 Airlift	C-5B	800 Kips	50,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.8 Airlift	C-141	325 Kips	50,000 Passes	Supports Now	Supports Now	Upgrade Needed

II.2.F.9 Work required to upgrade pavement to the required strength:

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		(9.a) Unit of Measure	(9.b) Quantity	(9.c) Description of Work
Pavement:	Aircraft:			
Aprons	B-1B			REPLACE ENTIRE APRON
Aprons	B-52			UPGRADE ENTIRE APRON
Taxiway	B-52			UPGRADE ENTIRE TAXIWAY
Runway	B-52			UPGRADE ENTIRE RUNWAY
Aprons	C-141			REPLACE ENTIRE APRON
Aprons	C-5B			REPLACE ENTIRE APRON
Aprons	KC-10			REPLACE ENTIRE APRON
Aprons	KC-135R			REPLACE ENTIRE APRON

II.2.G Excess aircraft parking capacity for operational use.

II.2.G.1 The total usable apron space for aircraft parking is 330,000 Sq Yds.

II.2.G.1.a Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions (Equivalent Rectangle)		CURRENT USE DATA. (Type of Aircraft and which of the permanently assigned aircraft use the area.)	
	KC-135R PARKING RAMP	1,500 ft	900 ft	Primary Aircraft
TRANSIENT PARKING	1,000 ft	900 ft	Transient Aircraft	TRANSIENT PARKING
Transient Parking 2	800 ft	900 ft	Transient Aircraft	TRANSIENT PARKING

II.2.G.2 Permanently assigned aircraft currently require 150,000 Sq Yds of parking space.

II.2.G.3 213,333 Sq Yds of parking space is available for parking additional non-transient aircraft.

II.2.G.4 The following factors limit aircraft parking capability:

STRUCTURAL INTEGRITY OF APRON

II.2.H The dimensions of the (largest) transient parking area: 1,000 Ft 900 Ft

II.2.I Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)

II.2.J There are No critical features relative to the airfield pavement system that limit its capacity:

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3. Utility Systems

II.3.A	The overall system capacity and percent current usage for utility system categories:			
Utility System	Capacity	Unit of Measure	Percent Usage	
II.3.A.1	Water:	2.0 MG/D	MG/D - million gallons per day	17 %
II.3.A.2	Sewage:	5.0 MG/D		40 %
II.3.A.3	Electrical distribution:	20.0 MW	MW - million watts	16 %
II.3.A.4	Natural Gas:	2.50 MCF/D	MCF/D - million cubic feet per day	2 %
II.3.A.5	High temperature water/steam generation/distribution:		MBTUH - million British thermal units per hour	0 %

II.3.B Characteristics regarding the utility system that should be considered:

NO

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1	Facility number: 597	Nose Dock		
	Current Use:	MAINTENANCE DOCK - FUEL CELL		
II.4.A.2	Size (SF):	28,860 SF		
II.4.A.3-4	Largest aircraft the hanger/ nose dock can COMPLETELY enclose:	C-141		
	DIMENSIONS:	Width	Height	Length
II.4.A.5	Door Opening:	147 ft	29 ft	
II.4.A.6	Largest unobstructed space inside the facility:	82 ft	18 ft	86 ft
II.4.A.1	Facility number: 885	Hanger		
	Current Use:	MAINTENANCE DOCK M/A		
II.4.A.2	Size (SF):	92,400 SF		
II.4.A.3-4	Largest aircraft the hanger/ nose dock can COMPLETELY enclose:	KC-135R		
	DIMENSIONS:	Width	Height	Length
II.4.A.5	Door Opening:	188 ft	60 ft	
II.4.A.6	Largest unobstructed space inside the facility:	168 ft	42 ft	90 ft

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- II.4.A.1 Facility number: 888 Hanger
 Current Use: MAINTENANCE DOCK M/A
- II.4.A.2 Size (SF): 88,460 SF
- II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: KC-135R

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	188 ft	60 ft	
II.4.A.6	Largest unobstructed space inside the facility:	246 ft	42 ft	90 ft

5. Unique Facilities

- II.5.A There are No unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed.

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 2 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is MHE

III.1.A.1.b Current MHE: WE ARE AUTHORIZED TWO (2) 10K 463L FORKLIFTS

III.1.A.2 4 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:				Remarks:
	Can land	Can taxi	Can park	Can refuel	
747					
C-5					
KC-10					

III.1.C The base has an operational fuel hydrant system:

III.1.C.1 The fuel hydrant system is available to transient aircraft.

III.1.C.2 6 hydrant pits are operational.

Description of base fuel hydrant system:

System Type:	Total Pumping Rate (GPM):	Number of Laterals:	Number of Usable Refueling Positions:	Number of SIMULTANEOUS aircraft refuelings of	
				Narrow	Widebody
TYPE II MODIFIED PANERO	600	2	6	6	4

III.1.C.3 12 fuel storage tanks support the operational fuel hydrant system:

Storage tank Capacity:	Tanks with this capacity
50000	12

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- III.1.C.4 The hydrant system is 0.8 miles from the bulk storage area.
- III.1.C.5 No pits are certified for hot pit operations.
- III.1.D The base bulk storage facility is Not serviced by a pipeline.
-
- III.1.D.3 1,754,508 GAL - HOWEVER, SINCE THE PUBLICATION OF THE FLAS REPORT, 1,400,000 GAL OF TANKAGE HAVE BEEN DEACTIVATED
 Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP). Storage for others is excluded.
- III.1.D.4 Other receipt modes available: FUEL IS RECEIVED BY TANK TRUCK
 There are No offload headers.
 12 tank trucks can be simultaneously offloaded
 Tank cars can Not be offloaded.
- III.1.D.5 2 refueling unit fillstands are available.
- III.1.D.5.a 2 refuelers can be filled simultaneously.
- III.1.D.6 Current dispensing capabilities as defined in AFR 144-1 sustained: 6475
 maximum: 6475
- III.1.D.7 The base is directly supported by an intermediate Defense Fuels Supply Point (DFSP).
- III.1.D.7.a Supporting DFSP: (GOCO) - CONTINENTAL SERVICE COMPANY, CINCINNATI, OH
- | III.1.E Cat 1.1 and 1.2 munitions storage requirements and capacity. | Cat 1.1 | Cat 1.2 |
|--|---------|---------|
| III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity: | 0 | 0 |
| Square footage available (including physical capacity limit): | | |
| III.1.E.2 Normal installation mission storage requirement: | 0 | 0 |
- III.1.F The base does not have a dedicated hot cargo pad.

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III.1.G Proximity (within 150 NM) to mobilization elements.

III.1.G.1 The base is proximate to a ground force installation.

Active ground force installations within 150 NM:

CP ATTERBURY RFTA	145 NM
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III.1.G.2 The base is proximate to a railhead.

Railheads within 150 NM:

Cincinnati - Delhi	89 NM
Columbus - East Columbus	10 NM
Dayton	58 NM
Edinburg	143 NM
Indianapolis - Fort Ben Harrison	142 NM
Indianapolis - Stout Field	147 NM
Lexington - Winchester	124 NM
Lima	77 NM
Port Clinton	102 NM
Ravenna - Atlas	110 NM
Richmond - Fort Estill	140 NM

III.1.G.3 The base is over 150 NM from a port.

III.1.H The base does Not have a dedicated passenger terminal.

III.1.I The base does not have a dedicated deployment facility capable of handling DoD standardized cargo pallets.

III.1.J The base medical treatment facility does Not routinely receive referral patients.

III.1.K No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

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III.1.L The base medical facility performs No unique missions.

Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

III.1.M Base medical facilities have No facilities planned to begin before to 1999.

Facilities projects include military consruction program (MCP) or Operations and Maintenance (O&M) alterations.

III.1.N Base facilities have a total excess storage capacity of 20,000 sq ft.

III.1.N.1 Base facilities have a total covered storage capacity of 58,469 sq ft.

III.1.N.2 Breakout of the total covered storage capacity:

Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store):	48,469 sq ft
Mobility storage:	3,500 sq ft
War Readiness Support Kits (WRSK) storage:	6,500 sq ft

III.1.N.3 Base supply facilities that have a planned and funded MCP project:

Facility:	Funding:
FUELS FACILITY	9000

III.1.O 139 light military vehicles are on base.

III.1.P 144 heavy military and special vehicles are on base.

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Section IV

1. Base Budget

IV.1 Non-payroll portion of the base budget for prior years:

IV.1.A	xxx56	Environmental Compliance			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3840	84.70 \$sK	0.00 \$sK	84.70 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3840	27.40 \$sK	0.00 \$sK		27.40 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3840	104.30 \$sK	37.20 \$sK			141.50 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3840	40.00 \$sK	0.00 \$sK				40.00 \$sK
		xxx56 TOTALS:			84.70 \$sK	27.40 \$sK	141.50 \$sK	40.00 \$sK
IV.1.B	xxx76	Real Property Maintenance A			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK	0.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK		0.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK			0.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK				0.00 \$sK
		xxx76 TOTALS:			0.00 \$sK	0.00 \$sK	0.00 \$sK	0.00 \$sK
IV.1.C	xxx78	Real Property Maintenance S			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3840	709.00 \$sK	0.00 \$sK	709.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3840	95.30 \$sK	0.00 \$sK		95.30 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3840	286.10 \$sK	0.00 \$sK			286.10 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK				0.00 \$sK
		xxx78 TOTALS:			709.00 \$sK	95.30 \$sK	286.10 \$sK	0.00 \$sK
IV.1.D	xxx90	Audio Visual			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				

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	FY-92	3840	0.00 \$sK	0.00 \$sK	0.00 \$sK			
		Appropriation	Direct	Reimbursable				
	FY-93	3840	0.00 \$sK	0.00 \$sK		0.00 \$sK		
		Appropriation	Direct	Reimbursable				
	FY-94	3840	0.00 \$sK	0.00 \$sK			0.00 \$sK	
		Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK				0.00 \$sK
								0.00 \$sK
		xxx90 TOTALS:			0.00 \$sK	0.00 \$sK	0.00 \$sK	0.00 \$sK
IV.1.E	xxx95	Communications			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3840	220.60 \$sK	19.00 \$sK	239.60 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3840	225.80 \$sK	27.60 \$sK		253.40 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3840	741.50 \$sK	20.80 \$sK			762.30 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3840	333.40 \$sK	1.20 \$sK				334.60 \$sK
								334.60 \$sK
		xxx95 TOTALS:			239.60 \$sK	253.40 \$sK	762.30 \$sK	334.60 \$sK
IV.1.F	xxx96	Base Operating Support			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3840	1,687.20 \$sK	1,015.10 \$sK	2,702.30 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3840	1,717.40 \$sK	1,198.60 \$sK		2,916.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3840	1,475.40 \$sK	1,411.60 \$sK			2,887.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3840	2,045.40 \$sK	192.30 \$sK				2,237.70 \$sK
								2,237.70 \$sK
		xxx96 TOTALS:			2,702.30 \$sK	2,916.00 \$sK	2,887.00 \$sK	2,237.70 \$sK
IV.1.G	MFH	Military Family Housing			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK	0.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK		0.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3840	0.00 \$sK	0.00 \$sK			0.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				

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3840	0.00 \$sK	0.00 \$sK				0.00 \$sK
	MFH TOTALS:		0.00 \$sK	0.00 \$sK	0.00 \$sK	0.00 \$sK

2. Relocation Costs

IV.2 All Large, unusual items integral to the unit mission, can be moved as regular freight.

Total relocation costs: \$ 0.00 K

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Section IV/V Level Playingfield COBRA Data

One time closure costs: 78\$sM

Twenty year Net Present Value (1)\$sM

Steady state savings 5\$sM per year

Manpower savings associated with closure 31

Return on Investment (years): 18

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Section VI Economic Impact

Economic Area Statistics:

Colombus, OH MSA

Total population: 1,393,000 (FY 92)

Total employment: 863,325 (FY 93)

Unemployment Rates (FY93/3 Year Average/10 Year Average)

4.7% / 4.9% / 5.5%

Average annual job growth: 16,576

Average annual per capita income: \$19,975

Average annual increase in per capita income: \$5.6%

Projected economic impact:

Direct Job Loss:	458	
Indirect Job Loss:	<u>270</u>	
Closure Impact:	728	(0.1% of employment total)
Other BRAC Losses:	<u>3,148</u>	
Cumulative Impact:	3,876	(0.4% of employment total)

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Section VII

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Section VIII**1. Air Quality - Clean Air Act**

VIII.1.A Air Quality Management District for the base: CENTRAL DISTRICT OF OHIO

VIII.1.B The base is located within a maintenance or non-attainment area for specific pollutants.

VIII.1.B.1 Maintenance area regulated pollutant(s):

Carbon monoxide
PM-10

VIII.1.B.2 Non-attainment area regulated pollutant(s) and severity:

Ozone	Marginal
-------	----------

VIII.1.C There are critical air quality regions within 100 kilometers of the base

(Critical air quality regions are non-attainment areas, national parks, etc.)

VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.

(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)

VIII.1.D.1 The base has NOT been required to impliment emissions reduction through special actions

(i.e. carpooling or emissions credit transfer)

VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:

VIII.E.1 Aerospace Ground Equipment (AGE):

E.1.a No state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.

E.1.b No state or local air quality regulatory agency Requires permits for such units.

E.1.c No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.

E.1.d No state or local air quality regulatory agency Requires retrofit controls for AGE.

VIII.E.2 Infrastructure Maintenance / Public Works

E.2.a No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).

E.2.b No state or local air quality regulatory agency Limits the hours of these activities.

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E.2.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.

E.2.d No state or local air quality regulatory agency Requires emission offsets for these activities.

VIII.E.3 Open Burn/Open Detonation

E.3.a No state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training

E.3.b The state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.

E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.

E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.

E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

E.6.a No state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.

E.6.b No state or local air quality regulatory agency Limits the hours of emergency operation of generators.

E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergency generators.

E.6.d No state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.

E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

E.7.a No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).

E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.

E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.

E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

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VIII.2.A The base potable water supply is Local Community and the source is:
MUNICIPAL SUPPLY

VIII.2.B There are no constraints to the base water supply.

VIII.2.C The base potable water supply does not constrain operations
(Contamininants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

- VIII.3.A** Base or local community groundwater is contaminated.
- VIII.3.A.1** Nature of contamination. SOLVENTS AND PETROLEUMS
- VIII.3.A.2** The contaminated groundwater is a potable water source
- VIII.3.B** The base is actively involved in groundwater remediation activities.
- VIII.3.C** 5 water wells exist at the base.
- VIII.3.D** 5 wells have been abandoned for the following reasons:
MORE COST EFFECTIVE TO USE MUNICIPAL WATER SUPPLY

4. Water - Surface Water

- VIII.4.A** There No perennial bodies of water located on base.
- VIII.4.A.2** These bodies do Not receive water runoff or treated wastewater discharge from the base.
- VIII.4.A.3** The base is located within a specified drainage basin.
The base is involved in cooperative agreements regarding surface water quality
Agreements concern restoration and protection of water quality and associated living resources (e.g., Chesapeake Bay Program)?
- VIII.4.B** Special permits are Not required
(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)
- VIII.4.C** There is No known contamination to the base or local community surface water

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5. Wastewater

VIII.5.A Base wastewater is treated by Local Community facilities.

VIII.5.C There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

VIII.6.A Describe the National Pollutant Elimination System permits in effect:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEMS (npdes) PERMIT # 4I000000 *BD

VIII.6.B

THE BASE DOES NOT DISCHARGE ANY TREATED WASTEWATER

VIII.6.C The base has No discharge impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 47.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 88.0 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 1 facilities are considered regulated areas or have restricted use due to friable asbestos.

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8. Biological - Habitat

- VIII.8.A There are No ecological or wildlife management areas ON the base. There are No ecological or wildlife management areas ADJACENT TO the base.
- VIII.8.A.1 Natural areas on or adjacent to the base are not recognized as important ecological sites.
- VIII.8.B No critical/sensitive habitats have been identified on base .
- VIII.8.C The base does not have a cooperative agreement for conducting a hunting and fishing program. Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.

9. Biological - Threatened and Endangered Species

- VIII.9.A There are No Threatened or endangered species identified on the base.
- VIII.9.B There are No Special Concern species identified on the base.

10. Biological - Wetlands

- VIII.10.A There are No wetlands, estuaries, or other special aquatic features present on the base.
- VIII.10.A.2 The base is Not involved in jointly-managed programs for protection of these resources.
- VIII.10.B The base has Not been surveyed for wetlands in accordance with established federally approved guidelines.
- VIII.10.C No part of the base is located in a 100-year floodplain.
- VIII.10.D The presence of these resources does Not constrain current or future construction activities or operations.

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11. Biological - Floodplains

VIII.11.A There are No floodplains on the base.

12. Cultural

VIII.12.A Historic,prehistoric, archaeological sites or other cultural resources located on the base:

VIII.12.A.1 Sites:

Significant status:

HISTORIC MARKER

SMALL MONUMENT TO EDDIE RICKENBACKER

RETIRED AIRCRAFT

WORLD WAR II AIRCRAFT

TRAINING FACILITIES

USED TO TRAIN AFRICAN-AMERICAN PILOTS DURING WWII

WWII BUILDINGS

ELEVEN (11) WWII BUILDINGS

VIII.12.B 8 percent of the buildings on base are over 50 years old.

VIII.12.C No Historic Landmark/Districts, or NRHP properties are located on base.

VIII.12.C.1 No properties have been determined to be or may be eligible for the NRHP.

VIII.12.C.2 Buildings and structures have not been surveyed for Cold War or other historical significance.

VIII.12.D The base has been archeologically surveyed.

VIII.12.D.1 100 percent of the base has been surveyed.

VIII.12.D.2 No archeological sites have been found.

VIII.12.D.3 No archeological collections are housed on base.

VIII.12.D.4 No Native Americans or others use/identified sacred areas or burial sites on or near base.

VIII.12.E The base has no agreements with historic preservation agencies.

Agreements include Programmatic Agreements and Memorandum of Agreements.

Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 41 IRP sites have been identified

VIII.13.A.2 4 IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 1997

VIII.13.B The installation is a National Priority List (NPL) site or has been proposed as an NPL site.

VIII.13.C There are no existing Federal Agency Agreements to clean up the base.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There are no known uncontrolled or unregulated occurrences of specific contaminate types or sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E There are sites or SWMUs currently being investigated and remediated pursuant to RCRA corrective action.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.E.1 1 sites are being investigated and remediated.

VIII.13.F The IRP currently restricts construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
Hazardous Waste Disposal/Remediation	\$61.300 K	\$55.000 K	\$40.000 K	\$35.000 K	\$45.000 K
IRP	\$4,213.000 K	\$5,632.000 K	\$1,989.000 K	\$839.000 K	\$844.000 K
Natural Resources	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
Permits	\$2.175 K	\$2.000 K	\$0.000 K	\$2.000 K	\$0.000 K
UNDERGROUND STORAGE TNAKS	\$2.160 K	\$2.000 K	\$0.000 K	\$0.000 K	\$0.000 K
WASTEWATER	\$4.950 K	\$8.000 K	\$6.000 K	\$6.000 K	\$6.000 K

15. Other Issues

VIII.15.A There are no additional activities which may constrain or enhance base operations.

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16. Air Quality - Clean Air Act

VIII.16.A Air Quality Control Area (AQCA) geographic region in which the base is located:

VIII.16.B Air quality regulatory agency responsible for the AQCA: REGULATORY AGENCY OEPA AIR EMISSION DIVISION (614) 771-7505

VIII.16.B Name and phone number of the AQCA program manager for issues pertaining to the base:

George Demis

(614) 771-7505

The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:

VIII.16.C.1 In Non-Attainment for Ozone

VIII.16.C.2 In Maintenance for Carbon Monoxide

VIII.16.C.3 In Maintenance for Particulate matter (PM-10)

VIII.16.C.4 In Attainment for Sulfur Dioxide

VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx)

VIII.16.C.6 In Attainment for Lead

VIII.16.C.7 The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT

VIII.16.D.1 Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located: 0.12 ppm

VIII.16.D.2 Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located: 9.0 ppm

VIII.16.D.3 Ozone Design value is 100.0% of NAAQS

VIII.16.D.4 Carbon monoxide Design value is 100.0% of NAAQS

VIII.16.E.1 The EPA-designated severity of nonattainment for OZONE is Marginal

VIII.16.E.2

VIII.16.E.3

VIII.16.E.4 The base is Not in a rural transport area

VIII.16.E.5 The EPA has Not proposed that the AQCA severity of nonattainment for OZONE be redesignated

VIII.16.F.1 The EPA has not requested an extension to the ozone attainment deadline

VIII.16.F.2 The AQCA expects EPA to conclude that the AQCA has fulfilled the 15 Nov 93 attainment date

VIII.16.F.3 The AQCA does Not expect the EPA to redesignate the area to a worse classification of ozone nonattainment

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VIII.16.F.3a

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Section IX

ARC Installations and Bases with ARC Units

- IX.1** All regularly used ground training facilities are on base.
- IX.2** Flying units supporting Aeromed/Arial ports accomplish training locally.
- IX.3** Dormitory space not available at installation or not applicable.
- IX.3.A** 13.0 percent of the reservists/guardsmen require billeting during drill weekends.
- IX.3.B** 0.0 percent drill billeting requirements are met with commercial billeting establishihments.
- IX.4** Adequate dining facilities are available.
- IX.5** A physical fitness center is available.
The fintess center is adequate
- IX.6** A consolidated club is available.
The consolidated club is adequate, remarks follow:
- IX.7** Ninety percent of the unit's population
Is within 116 min travel time from the base.
Lives within 80 miles of the base.
- IX.8** 45.0 Percent of the recruiting areas's population is in the recruitable range.
- IX.9** 1,820,841 is the total population of the recruiting area.
- IX.10** 42.0 percent of the recruitable population has completed high school.
- IX.11** 54.0 percent of the of the authorized personnel have been assigned over the last 5 years.
- IX.12** There are a total of 4 other reserve components in the local recruiting area:
Army Reserve, Navy Reserve, Marine Reserve, Army National Guard
- IX.13** The current total reserve component population is 3.90 percent of the recruitable age range.
- IX.14** 89.6 percent is the average AFRES/ANG personnel retention rate.

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Retention rate uses data from the last 2 fiscal years. One time events which may have caused abnormalities include unit moves and/or weapons system conversions.

IX.15 Unit reservist/guardsman participated in 13.6 (ave) title 10 and/or title 32 active duty days beyond Annual Tours and Drill periods for FY92-3, and FY94 (est)

IX.16 Other government aviation units are colocated on the airfield. Base operating support is provided as follows:

IX.16.A	POL:	Separate	<i>Definitions:</i>	
IX.16.B	Security:	Separate	<i>Host Unit</i>	<i>At least 75% provided by the installation host</i>
IX.16.C	Base Supply:	Separate	<i>Tenant Unit</i>	<i>At least 75% provided by colocated tenant unit</i>
IX.16.D	Tower/ATC:	Civil	<i>Separate</i>	<i>At least 75% provided internally by each colocated unit</i>
IX.16.E	Base CE:	Separate	<i>Joint facilities</i>	<i>More than 25% provided in a shared arrangement between colocated DOD units</i>
			<i>Civil</i>	<i>All support provided through contract or civilian airport authority</i>

Document Separator

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Robins AFB - AFMC

Section I

1. Force Structure

I.1.A List of all on base NAF and non-Air Force activities:

	Unit or Activity:	Personnel Authorizations for FY93/4			
		Officer	Enlisted	Civilian	Total
I.1.A.1	American Red Cross	-	-	1	1
I.1.A.2	Barber/Beauty Shop	-	-	9	9
I.1.A.3	Base Exchange	-	1	129	130
I.1.A.4	Base Exchange - Admin	-	-	8	8
I.1.A.5	Base Restaurant	-	-	120	120
I.1.A.6	Baskin Robins	-	-	2	2
I.1.A.7	Billeting	-	-	66	66
I.1.A.8	Canadian Forces Liaison Office	1	-	-	1
I.1.A.9	Civilian Assistance & Reemployment	-	-	8	8
I.1.A.10	Civilian Welfare Fund	-	-	4	4
I.1.A.11	Class VI	-	-	19	19
I.1.A.12	Customer Support Assistance Office	-	-	1	1
I.1.A.13	Defense Commissary Agency	-	12	62	74
I.1.A.14	Defense Contract Audit Agency	-	-	1	1
I.1.A.15	Defense Contract Management District Sou	-	-	13	13
I.1.A.16	Defense Finance & Account Svc, DAO-DE	1	3	6	10
I.1.A.17	Defense Finance & Accounting Service	1	21	110	132
I.1.A.18	Defense Information Systems Agency (A)	2	4	174	180
I.1.A.19	Defense Information Systems Agency (B)	1	-	10	11
I.1.A.20	Defense Investigative Service	-	-	4	4
I.1.A.21	Defense Printing Service	-	-	33	33
I.1.A.22	Defense Reutilization & Marketing Office	-	-	82	82
I.1.A.23	Distribution Depot Warner Robins GA	1	-	838	839
I.1.A.24	Federal Aviation Administration	-	-	38	38
I.1.A.25	Floral Shop	-	-	2	2
I.1.A.26	Gift Shop	-	-	2	2
I.1.A.27	Global Positioning System (USN)	2	-	3	5

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I.1.A.28	Global Positioning System Manager (USA)	-	-	5	5
I.1.A.29	HQ AFRES Services Division	-	-	18	18
I.1.A.30	Hot Dog Stand	-	-	4	4
I.1.A.31	Israeli Liaison Office	1	-	-	1
I.1.A.32	Japanese Liaison Office	1	-	-	1
I.1.A.33	Laundry	-	-	4	4
I.1.A.34	Military Clothing Sales	-	-	8	8
I.1.A.35	Morale, Welfare, Recreation & Services	-	-	438	438
I.1.A.36	Optical Shop	-	-	2	2
I.1.A.37	Procurment Center Representative	-	-	-	0
I.1.A.38	Robins Federal Credit Union	-	-	236	236
I.1.A.39	Royal Australian Air Force Liaison Office	1	-	-	1
I.1.A.40	Saudi Arabian Liaison Office	1	-	-	1
I.1.A.41	Scheduled Airline Traffic Office	-	-	12	12
I.1.A.42	Section 6, Base Schools	-	-	144	144
I.1.A.43	Section 6, Base Schools (Cafeteria)	-	-	11	11
I.1.A.44	Service Station	-	1	15	16
I.1.A.45	Shoppette	-	-	10	10
I.1.A.46	Small & Disadvantaged Business Office	-	-	5	5
I.1.A.47	Snack Bar	-	-	7	7
I.1.A.48	Systems Automation Center	-	-	9	9
I.1.A.49	Theater	-	3	4	7
I.1.A.50	Trust Company Bank	-	-	6	6
I.1.A.51	US Army Corps of Engineers	1	-	13	14
I.1.A.52	US Coast Guard Liaison Office	1	-	-	1
I.1.A.53	US Postal Service (Contract)	-	-	10	10
I.1.A.54	Vendors (Contract)	-	-	7	7
I.1.A.55	Veterinary Services (USA)	1	-	3	4
I.1.A.56	Weapons System Support (DLA Liaison)	-	-	1	1
TOTAL:					2778

I.1.B Remote/Geographically Separated Units receiving more then 50% of Base Operational Support from the base:

I.1.B.1	Supported Unit: 202 EIS (GA ANG)	GSU	GSU - Geographically Separated Unit
	Location: MACON, GA		REM - Remote Unit

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Support provided: SEE MS WORD DOC SEC I.1.B

I.1.B.2 Supported Unit: DET 160

GSU

GSU - Geographically Separated Unit

Location: UNIV OF GA, ATHENS GA

REM - Remote Unit

Support provided: SEE MS WORD DOC SEC I.1.B

I.1.B.3 Supported Unit: DET 165

GSU

GSU - Geographically Separated Unit

Location: GA TECH, ATLANTA GA

REM - Remote Unit

Support provided: SEE MS WORD DOC SEC I.1.B

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2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems

NAS - National Airspace System

I.2.A.1 None of the base ATCALs are officially part of the NAS.

I.2.A.2 Details for specific ATC facilities:

	(A.2) ATC Summary:		(A.3) Detailed traffic counts:				
	Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	ILS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
RAPCON	3	190356	0	0	121696	0	0
Tower	1	52317	5232	47085	N/A	N/A	N/A

I.2.A.4 The primary instrument runway is designated 33

49701 operations were conducted this runway during calendar year 1993

I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:

NONE.

I.2.A.6 The base does Not experience ATC delays.

B. Geographic Location

I.2.B.1 Nearest major primary airlift customer: FORT BENNING distance 73 NM

Nearest major primary airdrop customer: FORT BENNING distance 73 NM

I.2.B.2 Distance to forward deployment Air Bases:

Lajes AB: 2773 NM

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Rota AB: 3818 NM
 Hickam AFB: 4013 NM
 RAF Mildenhall: 3831 NM

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway \geq 3,000ft	LAWSON AAF	73
I.2.B.4	Military airfield, runway \geq 8,000ft	LAWSON AAF	73
I.2.B.5	Military airfield, runway \geq 10,000ft	DOBBINS ARB	89
I.2.B.6	Military or civilian airfield, runway \geq 3,000ft	Middle Georgia Regional	4
I.2.B.7	Military or civilian airfield, runway \geq 8,000ft	WBH Atlanta International	70
I.2.B.8	Military or civilian airfield, runway \geq 10,000ft	WBH Atlanta International	70
I.2.B.9	Civilian airfield, runway \geq 8,000ft for capable of conducting short term operations	WBH Atlanta International	70
I.2.B.10	Civilian airfield, runway \geq 10,000ft for capable of conducting short term operations	WBH Atlanta International	70

I.2.B.11 Name and distance to an emergency landing airfield compatible with aircraft flown at the base.

MIDDLE GA REGIONAL AIRPORT

4 NM

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 Supersonic Air Combat Training (ACBT) MOAs and warning/restricted areas, with a minimum size of 4,200 sq NM, within 300 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-157A	200 NM	W-470 A,B,C,D,E	218 NM	W-132A,B/W-134/W-157A	220 NM
W-151 A,B,C,D	227 NM	W-132 A,B	231 NM	W-158A	249 NM
W-161A,B/W-177A,B	263 NM	W-155 A,B	272 NM		

I.2.C.2 There are No MOAs or warning/restricted areas (minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft) within 200 NM.

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-157A	200 NM	W-151B	212 NM	W-151A	217 NM
W-470 A,B,C,D,E	218 NM	W-132A,B/W-134/W-157A	220 NM	W-151 A,B,C,D	227 NM

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W-132 A,B	231 NM	W-158A	249 NM	W-177A	249 NM
W-151D	253 NM	W-161A,B/W-177A,B	263 NM	W-157B	264 NM
W-155 A,B	272 NM	W-155B	286 NM	W-158B	292 NM
W-497A	312 NM	W-157C	316 NM	W-122I	338 NM
W-122J	346 NM	W-168 A,B,C	353 NM	W-168A	353 NM
W-497 A,B	367 NM	W-122 D	372 NM	W-122 E	372 NM
W-497B	373 NM	W-122F	387 NM	W-122 A,B,C,D,E,F,G,H,I,	388 NM
W-122G	405 NM	W-122 A,B,C,F,G,H,I,J	423 NM	W-174A	430 NM
W-122C	452 NM	W-174 A,B,C,D,F,G	463 NM	W-174B	478 NM
W-72A	478 NM	W-92	479 NM	W-72 A,B	516 NM
W-72B	530 NM	W-465 A,B,C,	534 NM	W-174D	540 NM
W-386 A,B,C,D,E	544 NM	W-387 A,B	561 NM	W-387A	561 NM
W-108 A,B	563 NM	W-108 A,B	563 NM	W-386B	573 NM

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
GRAND BAY	103 NM	TOWNSEND	123 NM	POINSETT	171 NM
EGLIN C62	180 NM	EGLIN C52	187 NM	PINECASTLE	231 NM
SHELBY EAST	288 NM	SHELBY WEST	294 NM	AVON PARK BRAVO/FO	319 NM
AVON PARK CHARLIE/E	327 NM	CHERRY POINT BT-11	383 NM	JEFFERSON PROVING G	392 NM
ATTERBURY	416 NM	USAF DARE COUNTY	424 NM	NAVY DARE COUNTY	426 NM
CLAIBORNE	481 NM	CANNON	518 NM	RAZORBACK	545 NM
INDIANTOWN GAP	574 NM	WARREN GROVE	615 NM	GRAYLING	735 NM
HARDWOOD	759 NM	FALCON	764 NM	SMOKEY HILL	784 NM
FT DRUM	793 NM				

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

TOWNSEND	123 NM
----------	--------

I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

TYNDALL ACMI	195 NM
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I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

TOWNSEND	123 NM
----------	--------

I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	2	11	26	59	78	103

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SR	6	12	17	34	85	116
VR	3	20	35	75	115	171
Total Routes:	11	43	78	168	278	390

Identify Routes:

IR-016 62 NM	VR-094 74 NM	VR-1049 77 NM	SR-038 82 NM	IR-023 84 NM	SR-039 91 NM
SR-035 95 NM	SR-040 95 NM	SR-036 95 NM	SR-037 95 NM	VR-1005 96 NM	
IR-017 105 NM	VR-1066 105 NM	VR-1017 105 NM	VR-1001 106 NM	VR-1065 117 NM	IR-090 121 NM
VR-1056 121 NM	SR-102 122 NM	IR-083 123 NM	VR-1059 126 NM	IR-015 128 NM	VR-1002 130 NM
IR-042 131 NM	SR-166 131 NM	VR-1068 131 NM	SR-069 132 NM	SR-070 132 NM	SR-072 132 NM
SR-071 132 NM	VR-1003 134 NM	IR-041 136 NM	VR-1067 136 NM	IR-063 136 NM	VR-095 137 NM
VR-1004 138 NM	VR-1070 138 NM	IR-036 139 NM	VR-058 139 NM	VR-1011 139 NM	VR-1052 139 NM
IR-089 146 NM	VR-097 148 NM				
IR-018 153 NM	VR-1054 155 NM	IR-019 157 NM	VR-1008 158 NM	IR-077 159 NM	VR-1041 163 NM
IR-069 165 NM	SR-105 165 NM	IR-074 166 NM	VR-088 168 NM	VR-1006 170 NM	VR-1007 170 NM
VR-092 172 NM	IR-079 178 NM	IR-080 178 NM	VR-060 178 NM	IR-066 182 NM	IR-067 182 NM
VR-1085 182 NM	VR-1084 182 NM	VR-1082 182 NM	VR-1051 182 NM	VR-1050 182 NM	VR-1010 187 NM
VR-1055 189 NM	IR-032 190 NM	IR-059 191 NM	SR-101 191 NM	SR-104 191 NM	SR-106 191 NM
SR-103 191 NM	IR-057 192 NM	IR-030 194 NM	IR-031 194 NM	IR-075 196 NM	
IR-033 203 NM	IR-081 206 NM	VR-1009 207 NM	IR-021 209 NM	VR-087 210 NM	IR-002 212 NM
VR-1039 221 NM	VR-1030 225 NM	IR-082 226 NM	VR-1013 229 NM	VR-1014 233 NM	VR-1020 245 NM
VR-1031 246 NM	IR-022 252 NM	VR-1060 256 NM	VR-1033 263 NM	VR-093 264 NM	IR-037 267 NM
VR-1097 269 NM	IR-046 270 NM	VR-1040 273 NM	IR-038 274 NM	SR-137 274 NM	IR-035 276 NM
VR-1069 276 NM	IR-091 276 NM	IR-040 278 NM	VR-1021 278 NM	VR-1023 278 NM	VR-1024 278 NM
VR-1083 280 NM	IR-044 281 NM	IR-743 282 NM	VR-1743 282 NM	IR-012 285 NM	SR-031 285 NM
VR-1016 285 NM	SR-029 285 NM	IR-726 287 NM	VR-1726 287 NM	IR-047 289 NM	VR-1074 292 NM
IR-020 297 NM	VR-1022 297 NM	IR-078 303 NM	IR-049 315 NM	VR-1098 315 NM	IR-050 315 NM
IR-051 315 NM	VR-1721 317 NM	VR-085 319 NM	VR-086 319 NM	IR-048 321 NM	SR-059 324 NM
SR-060 324 NM	SR-061 324 NM	SR-062 324 NM	SR-225 326 NM	IR-721 331 NM	SR-075 333 NM
VR-1072 333 NM	VR-179 333 NM	SR-030 338 NM	IR-055 343 NM	IR-068 343 NM	VR-1046 345 NM
SR-871 352 NM	SR-873 352 NM	SR-874 352 NM	SR-872 352 NM	VR-1043 352 NM	IR-070 355 NM
VR-1032 356 NM	VR-073 357 NM	VR-096 357 NM	SR-073 364 NM	SR-074 364 NM	IR-157 369 NM
IR-174 369 NM	IR-762 370 NM	VR-1756 370 NM	SR-238 371 NM	VR-1061 374 NM	IR-761 377 NM
VR-1751 377 NM	VR-1722 378 NM	VR-1089 384 NM	IR-723 386 NM	IR-062 387 NM	VR-1668 392 NM
VR-1087 405 NM	VR-1088 405 NM	VR-1752 406 NM	IR-608 408 NM	IR-715 409 NM	IR-718 409 NM
VR-1667 414 NM	VR-1631 415 NM	VR-1058 416 NM	IR-719 418 NM	VR-1632 420 NM	VR-1633 420 NM

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IR-720	424 NM	SR-734	426 NM	SR-732	427 NM	SR-735	427 NM	SR-733	431 NM	IR-618	433 NM
VR-619	433 NM	SR-867	433 NM	VR-1759	437 NM	SR-738	438 NM	VR-1057	439 NM	SR-737	440 NM
VR-1679	441 NM	VR-1196	444 NM	VR-1758	446 NM	IR-592	447 NM	IR-160	458 NM	IR-161	458 NM
SR-218	464 NM	SR-226	464 NM	SR-229	464 NM	SR-227	464 NM	SR-237	464 NM	SR-232	464 NM
SR-231	464 NM	SR-230	464 NM	SR-222	464 NM	SR-219	464 NM	SR-220	464 NM	SR-221	464 NM
IR-714	468 NM	IR-760	468 NM	VR-1754	468 NM	IR-034	470 NM	IR-056	470 NM	SR-707	471 NM
SR-708	471 NM	SR-713	471 NM	SR-714	471 NM	SR-711	471 NM	SR-710	471 NM	SR-820	475 NM
SR-835	475 NM	VR-1753	475 NM	SR-821	475 NM	VR-1755	475 NM	IR-053	478 NM	VR-1641	478 NM
VR-1642	478 NM	IR-121	481 NM	VR-1103	481 NM	SR-709	483 NM	SR-712	483 NM	SR-715	483 NM
VR-615	485 NM	SR-815	487 NM	SR-822	487 NM	SR-816	487 NM	SR-802	492 NM	SR-803	492 NM
SR-804	492 NM	SR-807	492 NM	SR-808	492 NM	SR-806	492 NM	IR-120	500 NM	VR-1102	500 NM
VR-1640	506 NM	VR-1711	507 NM	VR-1713	507 NM	VR-1712	507 NM	VR-1709	511 NM	SR-239	515 NM
VR-1617	516 NM	VR-1638	516 NM	SR-817	518 NM	IR-614	520 NM	VR-1635	520 NM	VR-708	523 NM
SR-818	527 NM	VR-1757	533 NM	VR-704	539 NM	VR-705	539 NM	VR-106	549 NM	SR-223	552 NM
SR-224	552 NM	VR-1182	555 NM	IR-716	560 NM	IR-164	566 NM	VR-1104	566 NM	SR-800	567 NM
SR-805	567 NM	SR-801	567 NM	SR-844	570 NM	SR-846	570 NM	SR-845	570 NM	VR-189	583 NM
VR-1546	586 NM	VR-1130	598 NM								
SR-701	611 NM	SR-703	611 NM	IR-527	612 NM	IR-127	615 NM	SR-702	615 NM	VR-187	615 NM
SR-823	615 NM	SR-774	615 NM	SR-847	616 NM	IR-502	621 NM	IR-504	621 NM	IR-129	625 NM
VR-707	627 NM	VR-188	629 NM	VR-1525	632 NM	SR-228	636 NM	VR-1624	638 NM	VR-1625	638 NM
SR-773	647 NM	SR-771	677 NM	SR-616	681 NM	SR-617	681 NM	VR-1626	685 NM	VR-664	685 NM
SR-825	689 NM	IR-117	696 NM	VR-1113	696 NM	VR-1128	696 NM	VR-1137	696 NM	SR-270	697 NM
SR-290	698 NM	SR-292	698 NM	VR-152	702 NM	VR-151	705 NM	SR-618	707 NM	SR-619	707 NM
IR-142	709 NM	VR-634	711 NM	VR-533	713 NM	SR-296	714 NM	VR-104	715 NM	VR-534	719 NM
VR-535	719 NM	VR-1124	720 NM	SR-261	726 NM	VR-119	726 NM	VR-1146	728 NM	VR-1110	730 NM
VR-1645	730 NM	IR-103	731 NM	VR-1628	731 NM	VR-1627	731 NM	VR-1120	731 NM	IR-105	731 NM
VR-1644	735 NM	VR-1647	735 NM	VR-138	736 NM	VR-1145	738 NM	SR-294	741 NM	SR-295	741 NM
SR-781	743 NM	VR-1139	743 NM	SR-782	745 NM	VR-158	745 NM	SR-785	746 NM	IR-145	747 NM
IR-146	747 NM	VR-162	749 NM	IR-139	750 NM	IR-136	751 NM	VR-163	751 NM	VR-511	751 NM
VR-541	752 NM	VR-531	754 NM	SR-776	756 NM	VR-1143	756 NM	VR-532	758 NM	IR-171	760 NM
IR-182	760 NM	SR-286	761 NM	VR-1122	765 NM	VR-1138	766 NM	VR-118	766 NM	VR-159	768 NM
IR-181	769 NM	IR-183	769 NM	SR-293	771 NM	IR-185	772 NM	SR-901	772 NM	VR-1140	773 NM
VR-143	773 NM	IR-123	774 NM	IR-175	774 NM	VR-1144	774 NM	IR-609	775 NM	VR-1142	775 NM
VR-1636	776 NM	VR-512	778 NM	VR-101	779 NM	VR-544	783 NM	VR-724	786 NM	VR-725	786 NM
IR-166	788 NM	SR-900	790 NM	VR-168	791 NM	VR-1650	793 NM	VR-552	793 NM	IR-148	794 NM
SR-205	794 NM	IR-505	796 NM	SR-904	799 NM	IR-147	800 NM				

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I.2.C.9 IR-430 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 1059 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
5	18	39

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance
AR-200	104 NM	AR-627	105 NM	AR-216 NORTHEAST	119 NM	AR-207NE NORTHEA	135 NM
AR-216 SOUTHWEST	189 NM						
AR-600	205 NM	Racoon MOA	207 NM	AR-633A	213 NM	AR-633B	221 NM
AR-601	226 NM	AR-207SW SOUTHWE	241 NM	AR-328	259 NM	AR-315 WEST	265 NM
AR-203 SOUTHWEST	281 NM	AR-203 NORTHEAST	288 NM	AR-202S SOUTH	289 NM	AR-202AN ALTERNA	299 NM
AR-455 WEST	299 NM						
AR-655	315 NM	AR-455 EAST	317 NM	AR-315 EAST	319 NM	AR-716	331 NM
AR-620	336 NM	AR-202N NORTH	341 NM	AR-111 WEST	355 NM	AR-302 WEST	355 NM
AR-101 SOUTH	365 NM	AR-302 EAST	369 NM	AR-103	371 NM	AR-618	393 NM
AR-615	394 NM	AR-111 EAST	411 NM	AR-101 NORTH	412 NM	AR-646	417 NM
AR-108 WEST	444 NM	AR-638	479 NM	AR-110 WEST	486 NM	AR-617	489 NM
AR-108 EAST	499 NM						

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
4189	5135

Track	Distance	Events	Track	Distance	Events	Track	Distance	Events	Track	Distance	Events
AR-216	119 NM	64	Racoon	207 NM	1829	AR-203	281 NM	223	AR-455	299 NM	372
AR-111	355 NM	303	AR-302	355 NM	445	AR-101	365 NM	217	AR-108	444 NM	140
AR-110	486 NM	596			0			0			0
AR-218	509 NM	359	AR-016	554 NM	157	AR-112	567 NM	360	AR-206H	682 NM	50

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 207NM from the base."

I.2.C.10d Percentage of tanker demand in region: 27.0
Percentage of tankers based in region: 9.0

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Tanker saturation within the region has been classified as tanker Poor

I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
BASTOGNE	309 NM	✓	✓	✓	0	0
BIFF	209 NM	✓	✓		0	0
BIG SANDY (WTR)	317 NM	✓	✓		0	0
BILL BAG	188 NM	✓	✓		0	0
BRAVO	319 NM	✓	✓	✓	6	0
BURMA SPECIAL N	202 NM				3	4
BURMA SPECIAL S	202 NM				3	4
CARENTAN (A)	245 NM		✓	✓	0	1
CASWELL BEACH (WATER)	286 NM	✓	✓		0	0
CAVALIER NORTH	201 NM	✓	✓	✓	3	4
CAVALIER SOUTH	201 NM	✓	✓		3	4
CENTRAL CITY NO	329 NM	✓			0	0
CENTRAL CITY SO	329 NM	✓			0	0
CLERKIN	189 NM	✓	✓		0	0
CORINTH	268 NM	✓			0	0
CORREGIDOR	312 NM		✓	✓	0	0
COTENTIN	266 NM	✓	✓	✓	0	0
DARLINGTON	214 NM	✓	✓	✓	0	0
DAVIS #1	322 NM	✓		✓	0	0
DAVIS #2	323 NM	✓	✓	✓	0	0
DAVIS (CIR)	323 NM				0	0
DEEP CREEK	267 NM		✓		0	0
ECHO CHARLIE	328 NM	✓	✓	✓	10	0
ELIZABETH WEST	202 NM	✓	✓	✓	3	4
FARNEL BAY WATR	333 NM				0	0
FLYING DUTCHMAN	262 NM	✓			0	0
FORSYTHE	329 NM	✓	✓	✓	0	0
FRYAR	73 NM	✓	✓	✓	4	6
GALLAHAD #1	112 NM				0	1
GELA	268 NM	✓	✓	✓	0	0
GRAHAM	133 NM	✓	✓	✓	4	6

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HARD	268 NM	✓			0	0
HARD LUCK	321 NM	✓	✓		8	0
HAT TRICK	250 NM	✓			0	1
HOLLAND	262 NM	✓	✓	✓	0	0
HUNTER	130 NM		✓		0	0
JONES	216 NM	✓	✓	✓	6	0
KAREN	322 NM	✓	✓	✓	8	0
LAURNBERG MAXTN	247 NM	✓	✓	✓	0	0
LOS BANOS	309 NM	✓	✓	✓	0	0
LOWRY LAKE	186 NM	✓	✓		2	0
LUZON	250 NM	✓	✓	✓	0	1
LUZON REVERSE	250 NM	✓			0	1
MALLON	196 NM	✓	✓		0	0
MCKENNA	64 NM	✓	✓	✓	4	6
MITCHELL	120 NM	✓	✓	✓	0	0
MYITKYINA TREE	273 NM	✓	✓		0	0
NETHERLANDS	262 NM	✓	✓	✓	0	0
NETHERLANDS ORI	261 NM	✓	✓	✓	0	0
NIJMEGEN	258 NM	✓	✓	✓	0	0
NORMANDY	266 NM	✓	✓	✓	0	0
NORTHFIELD E-W	139 NM	✓	✓	✓	2	1
NORTHFIELD S-N	139 NM	✓	✓	✓	0	0
OLIVE	343 NM	✓	✓	✓	0	0
OSCAR NOVEMBER	328 NM	✓	✓	✓	8	0
OSCAR QUEBEC	323 NM	✓	✓	✓	8	0
OSCAR QUEBEC REV	323 NM	✓	✓	✓	6	0
PAYNE	347 NM	✓	✓		0	0
PRESTON	81 NM		✓	✓	0	0
QUICK	121 NM	✓			0	0
REMAGEN	96 NM	✓	✓	✓	1	1
REMAGEN REVERSE	96 NM	✓	✓		1	1
RIM	322 NM	✓	✓	✓	8	0
SALERNO	265 NM	✓	✓	✓	0	0
SANDY DOG	202 NM	✓	✓	✓	3	4
SHELBY	294 NM	✓	✓	✓	0	3
SICILY	268 NM	✓	✓	✓	0	0

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SICILY DEMO	268 NM	✓	✓	✓	0	0
STONE BAY WATER	330 NM				0	0
TAYLORS CREEK	104 NM	✓	✓	✓	1	1
THUNDERBOLT	130 NM	✓	✓		0	0
VOLTURNO	265 NM	✓	✓	✓	0	0
WESTERN KENTUCK	329 NM	✓	✓	✓	0	0
WHITE FALCON	214 NM	✓	✓		3	4

I.2.C.11.a

Drop Zone**Servicing Instrument and Slow Routes (IRs and SRs)**

BRAVO	IR-034	IR-046	IR-047	IR-048	IR-049	IR-055			
BURMA SPECIAL N	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
BURMA SPECIAL S	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
CARENTAN (A)	SR-225								
CAVALIER NORTH	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
CAVALIER SOUTH	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
ECHO CHARLIE	IR-034	IR-036	IR-037	IR-038	IR-046	IR-047	IR-049	IR-050	IR-055
	IR-056								
ELIZABETH WEST	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
FRYAR	IR-077	IR-078	IR-089	IR-090	SR-038	SR-039	SR-069	SR-070	SR-071
	SR-072								
GALLAHAD #1	SR-038								
GRAHAM	IR-077	IR-078	IR-089	IR-090	SR-038	SR-039	SR-069	SR-070	SR-071
	SR-072								
HARD LUCK	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
HAT TRICK	SR-105								
JONES	IR-034	IR-046	IR-047	IR-048	IR-049	IR-055			
KAREN	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
LOWRY LAKE	IR-032	IR-033							
LUZON	SR-105								
LUZON REVERSE	SR-105								
MCKENNA	IR-077	IR-078	IR-089	IR-090	SR-038	SR-039	SR-069	SR-070	SR-071
	SR-072								
NORTHFIELD E-W	IR-035	IR-036	SR-166						
OSCAR NOVEMBER	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
OSCAR QUEBEC	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
OSCAR QUEBEC REV	IR-034	IR-046	IR-047	IR-048	IR-049	IR-055			

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REMAGEN	IR-023	SR-038							
REMAGEN REVERSE	IR-023	SR-038							
RIM	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
SANDY DOG	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
SHELBY	SR-029	SR-030	SR-031						
TAYLORS CREEK	IR-023	SR-038							
WHITE FALCON	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		

I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

MCKENNA

63 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
MCKENNA	64 NM	✓	✓	✓	0	0

I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM>

FORT STEWART

112 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 The base Does not control or manage any ranges, questions I.2.D.2 to I.2.D.17 skipped.

Ranges (Used by the base)

I.2.D.18 The base uses ranges on a regular basis

I.2.D.19 The mission and training is Not adversely impacted by training area airspace encroachment or other conflicts.

I.2.D.20 MOAs/bombing ranges/other training areas have scheduling restrictions/limitations as follows:

I.2.D.20.a W-157A ONE OUT OF FIFTY RANGE USE REQUESTS ARE DELAYED DUE TO OTHER AIRCRAFT
OPERATING IN THE AREA.

I.2.D.21 MOAs/bombing ranges/other training areas have No projected scheduling restrictions/limitations.

I.2.D.22 No significant changes/restrictions/limitations effecting the scheduling of low level routes in progress.

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E. Airspace Used by Base

I.2.E.1 Base schedules or manages no airspace, questions I.2.E.2 to I.2.D.12 skipped.

I.2.E.1.a The base does Not use airspace.

Commercial Aviation Impact

I.2.E.12 The base is Not joint-use (military/civilian).

I.2.E.13 List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
ANTIQUE ACRES	Uncontrolled
BALDWIN CO	Uncontrolled
BARRON	Uncontrolled
BEN AMMON	Uncontrolled
BROKEN RANCH	Uncontrolled
BUTLER	Uncontrolled
BYROMVILLE	Uncontrolled
COCHRAN	Uncontrolled
CRISP CO-CORDELE	Uncontrolled
DANVILLE	Uncontrolled
DE DE	Uncontrolled
EAGLES LANDING	Uncontrolled
EASTMAN DODGE CO	Uncontrolled
FENNER	Uncontrolled
FLINT RIVER	Uncontrolled
FLYING H	Uncontrolled
GRANT MEMORIAL	Uncontrolled
GRIFFIN SPALDING CO	Uncontrolled
HAWKINSVILLE	Uncontrolled
HOWARD	Uncontrolled
JUMPIN J	Uncontrolled

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KAOLIN	Uncontrolled
KITCHENS	Uncontrolled
MEADOW ARK	Uncontrolled
MIAMI VALLEY	Uncontrolled
MIDDLE GEORGIA	Uncontrolled
MIDDLE GEORGIA REGIONAL	General Aviation
MONTICELLO SKY RANCH	Uncontrolled
PALATO	Uncontrolled
PEACH STATE	Uncontrolled
PETERSON	Uncontrolled
PINEVIEW	Uncontrolled
PRATTSBURG	Uncontrolled
PULASKI CO	Uncontrolled
RIDGEVIEW	Uncontrolled
ROBINS AIR PARK	Uncontrolled
RONEY	Uncontrolled
SAVAGE	Uncontrolled
SEVEN LAKES	Uncontrolled
SMART	Uncontrolled
SOUTHER	Uncontrolled
TELFAIR-WHEELER	Uncontrolled
THACKER	Uncontrolled
THISTLE	Uncontrolled
VINTAGE	Uncontrolled
WEBB & SHEPARD	Uncontrolled
WINDRIFT	Uncontrolled
WRIGHTS	Uncontrolled

I.2.E.14 **Civilian/commercial operators or other airspace users do Not pose scheduling, operational, or environmental constrains or limits.**

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F. Potential for Growth in Training Airspace (Area)

- I.2.F.1** **Expansion of training airspace is possible.**
- I.2.F.1.a** **Estimated expansion potential is 50.0 percent. Rationale for estimate:**
 THIS AREA IS OVER WATER AND A LARGE EXPANSION CAPABILITY EXISTS. NEITHER BULL DOG MOA A OR B CAN BE EXPANDED GEOGRAPHICALLY; HOWEVER, A 25 PERCENT INCREASE IN UTILIZATION CAN BE OBTAINED THROUGH SCHEDULING.
- I.2.F.2** **Current access is expected to change.**
- I.2.F.3** **No reductions in training airspace are expected.**
- I.2.F.4** **Current special use airspace and training areas meet all training requirements.**
- I.2.F.4.a** **Deployed, off-station training is not required to meet training requirements.**

G. Composite / Integrated Force Training

- I.2.G.1** **Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:**
 FORT BENNING
 73 NM from the base.
- I.2.G.2** **DELETED**
- I.2.G.3** **Nearest Naval unit where joint training can be accomplished:**
 BEAUFORT MCAS
 142 mi from the base.
- I.2.G.4** **Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:**
 DOBBINS AFB
 85 mi from the base.
- I.2.G.5** **DELETED**

H. Missile Bases (AF Space Command)

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Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / ½ mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
99.2	98.5	88.4	83.7	79.8

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 98.9 percent of the time

I.2.J.2.b Is at or below 25 knots 99.9 percent of the time

I.2.J.3 2 Days have freezing participation (mean per year).

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Section II

1. Installation Capacity & Condition

A. Land

	Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
II.1.A.1	GWEN SITE	OFF-BASE COMM SITE	11	11	
II.1.A.2	ROBINS AFB	MAIN BASE	7,222	4,085	502
		TOTALS:	7,233	4,096	502

B. Facilities

II.1.B.1 From real property records:

	Facility Category Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	(C) Excess Capacity
II.1.B.1.a.i	121-122	Hydrant Fueling System Pits	EA	16	16	100.0	0.0	0.0	0
II.1.B.1.a.ii	121-122a	Consolidated Aircraft Support System	EA	0	0		0.0	0.0	0
II.1.B.1.b	131	Communications-Buildings	SF	N/A	41,602	97.0	0.0	3.0	N/A
II.1.B.1.c	141	Operations-Buildings	SF	N/A	1,162,695	95.0	5.0	0.0	N/A
II.1.B.1.c.i	141-232	Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	141-753	Squadron Operations	SF	29,669	29,669	100.0	0.0	0.0	0
II.1.B.1.c.iii	141-782	Air Freight Terminal	SF	69,142	69,142	100.0	0.0	0.0	0
II.1.B.1.c.iv	141-784	Air Passenger Terminal	SF	1,174	1,174	100.0	0.0	0.0	0
II.1.B.1.c.v	141-785	Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	171	Training Buildings	SF	N/A	83,173	100.0	0.0	0.0	N/A
II.1.B.1.d.i	171-211	Flight Training	SF	0	0		0.0	0.0	0
II.1.B.1.d.ii	171-211a	Combat Crew Trng Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	171-212	Flight Simulator Training (High Bay)	SF	4,800	4,800	100.0	0.0	0.0	0
II.1.B.1.d.iv	171-212a	Companion Trng Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	171-618	Field Training Facility	SF	6,344	6,344	100.0	0.0	0.0	0
II.1.B.1.e	211	Maintenance Aircraft	SF	N/A	2,486,586	84.0	10.0	6.0	N/A
II.1.B.1.e.i	211-111	Maintenance Hanger	SF	0	0		0.0	0.0	0
II.1.B.1.e.ii	211-152	General Purpose Aircraft Maintenance	SF	621,240	621,240	83.0	12.0	5.0	0
II.1.B.1.e.iii	211-152a	DASH 21	SF	0	0		0.0	0.0	0
II.1.B.1.e.iv	211-153	Non-Destructive Inspection (NDI) Lab	SF	10,474	10,474	52.0	0.0	48.0	0

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II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	95,883	95,883	12.0	16.0	72.0	0
II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	57,138	57,138	100.0	0.0	0.0	0
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	0	0		0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	173,974	173,974	66.0	30.0	4.0	0
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	232,600	232,600	87.0	13.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	8,518	8,518	0.0	100.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	15,180	15,180	100.0	0.0	0.0	0
II.1.B.1.e.xiii	211-183	Test Cell	SF	8,118	8,118	0.0	100.0	0.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	4,800	100.0	0.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	4,800	4,800	100.0	0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.	214	Maintenance-Automotive	SF	N/A	94,782	95.0	5.0	0.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	66,026	66,026	93.0	7.0	0.0	0
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	5,031	5,031	100.0	0.0	0.0	0
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	0	0		0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	0	0		0.0	0.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	680,058	66.0	30.0	4.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	464,077	504,077	60.0	40.0	0.0	40,000
II.1.B.1.j.ii	217-712a	LANTIRN	SF	14,118	14,118	100.0	0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	0	0		0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	74,412	74,412	31.0	2.0	67.0	0
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	34,241	34,241	62.0	0.0	38.0	0
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	43,903	43,903	100.0	0.0	0.0	0
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	148,055	64.0	2.0	34.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	214,364	205,331	76.0	24.0	0.0	0
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	57,825	99.0	1.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	0	0		0.0	0.0	0

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II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	5,308	5,308	90.0	0.0	10.0	0
II.1.B.1.t.iii	422-264	Igloo Magazine	SF	38,528	38,528	100.0	0.0	0.0	0
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	0	0		0.0	0.0	0
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	2,200	2,200	100.0	0.0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	3,555,915	78.0	18.0	4.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	331,373	96.0	4.0	0.0	N/A
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	90,404	90,404	99.0	0.5	0.5	0
II.1.B.1.v.ii	442-258	LOX Storage	GA	8,000	8,000	75.0	25.0	0.0	0
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	137,643	137,643	91.0	9.0	0.0	0
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	21,000	21,000	100.0	0.0	0.0	0
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	34,652	34,652	100.0	0.0	0.0	0
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	81,577	90.0	2.0	8.0	N/A
II.1.B.1.x	530	Medical Laboratories	SF	N/A	3,175	100.0	0.0	0.0	N/A
II.1.B.1.y	540	Dental Clinics	SF	N/A	5,660	100.0	0.0	0.0	N/A
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	27,395	100.0	0.0	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	1,899,994	68.0	26.0	6.0	N/A
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	2,840	2,840	100.0	0.0	0.0	0
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0		0.0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	1,279	100.0	0.0	0.0	N/A
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	602	1,108	100.0	0.0	0.0	506
II.1.B.1.cc	722	Dining Hall	SF	N/A	23,940	100.0	0.0	0.0	N/A
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	18,000	14,977	100.0	0.0	0.0	0
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	137	100.0	0.0	0.0	N/A
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	115,119	100.0	0.0	0.0	N/A
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	471,613	89.0	7.0	4.0	N/A
II.1.B.1.gg	852-273	Acft Support Equipment Storage	SY	91,951	91,951	100.0	0.0	0.0	0

Notes for specific Cat Codes:

II.1.B.1.c.ii	141-753	SEE MS WORD DOCUMENT II.1.B.3
II.1.B.1.c.iii	141-782	SEE MS WORD DOCUMENT II.1.B.3
II.1.B.1.c.iv	141-784	SEE MS WORD DOCUMENT II.1.B.3
II.1.B.1.d.v	171-618	SEE MS WORD DOCUMENT II.1.B.3
II.1.B.1.e.ii	211-152	SEE MS WORD DOCUMENT II.1.B.3
II.1.B.1.e.iv	211-153	SEE MS WORD DOCUMENT II.1.B.3
II.1.B.1.e.v	211-154	SEE MS WORD DOCUMENT II.1.B.3
II.1.B.1.e.vi	211-157	SEE MS WORD DOCUMENT II.1.B.3

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II.1.B.1.e.viii	211-159	SEE MS WORD DOCUMENT II.1.B.3
II.1.B.1.e.ix	211-173	SEE MS WORD DOCUMENT II.1.B.3
II.1.B.1.e.xi	211-177	SEE MS WORD DOCUMENT II.1.B.3
II.1.B.1.e.xii	211-179	SEE MS WORD DOCUMENT II.1.B.3
II.1.B.1.g.i	214-425	SEE MS WORD DOCUMENT II.1.B.3
II.1.B.1.j.i	217-712	SEE MS WORD DOCUMENT II.1.B.3
II.1.B.1.j.ii	217-712a	SEE MS WORD DOCUMENT II.1.B.3
II.1.B.1.k.i	218-712	SEE MS WORD DOCUMENT II.1.B.3
II.1.B.1.k.ii	218-852	SEE MS WORD DOCUMENT II.1.B.3
II.1.B.1.s.i	411-135	SEE MS WORD DOCUMENT II.1.B.3

II.1.B.2 From in-house survey:

	Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	111	Aircraft Pavement-Runway(s)	SY	399,999	100.0	0.0	0.0
II.1.B.1.b	112	Airfield Pavements-Taxiways	SY	435,186	95.0	5.0	0.0
II.1.B.1.c	113	Airfield Pavement-Apron(s)	SY	988,264	79.0	21.0	0.0
II.1.B.1.d	116-662	Dangerous Cargo Pad	SY	8,283	100.0	0.0	0.0
II.1.B.1.e	812	Elec Power-Trans & Distr Lines	LF	462,662	89.0	11.0	0.0
II.1.B.1.f	822	Heat-Trans & Distr Lines	LF	135,138	100.0	0.0	0.0
II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	442,077	100.0	0.0	0.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	676,903	100.0	0.0	0.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	28,615	100.0	0.0	0.0
II.1.B.1.j	851	Roads	SY	1,703,349	100.0	0.0	0.0
II.1.B.1.k	852	Veh/Equip Parking	SY	1,257,229	100.0	0.0	0.0

Notes for specific Cat Codes:

II.1.B.1.a	111	SEE MS WORD DOCUMENT II.1.B.3
II.1.B.1.e	812	SEE MS WORD DOCUMENT II.1.B.3

C. Family Housing (Facility Category Code 711)

II.1.C.1 Capacity (housing Inventory)

II.1.C.1.a	Number of adequate units from current DD Form 1410, line 18d:	1394
II.1.C.1.b	Number of substandard units from current DD Form 1410, line 18e:	0
II.1.C.1.c	Current deficit (-) or surplus units in validated Market Analysis:	-168

(includes E-1 - E3 requirements)

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II.1.C.1.c.i A Market Analysis was Not used to answer the questions in Section II.1.C.

II.1.C.1.d FY95/4 projected net housing deficit (-) or surplus of units: (includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)

II.1.C.2 Condition

II.1.C.2.a Number of adequate units meeting current whole-house standards of accommodation and state of repair: (includes projects programmed through FY95/4. Units meeting whole-house standards are those that were programmed after FY88)

II.1.C.2.a Number of adequate units requiring whole-house renovation or replacement: (Units meeting whole-house standards are those that were programmed/renovated after FY88).

II.1.C.2.a Number of new housing units projected to meet current deficit.

II.1.C.3 Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base

II.1.C.3.a 44.0 percent of officer families live on base.

II.1.C.3.b 57.0 percent of enlisted families live on base.

II.1.C.3.a 54.0 percent of all military families live on base.

2. Airfield Characteristics

II.2 Runway Table:

Primary Designation	Dimensions:		Cross Runway	Aircraft Arresting Systems (II.2.D)	
	Length	Width		Number	Types
33 Primary	12000 ft	300 ft	No	3	BAK-9; BAK 12/14

II.2.A There are 1 active runways.

II.2.A.1 There are NO cross runways

II.2.B There are NO parallel runways.

II.2.C Dimensions of the primary runway (33).

II.2.C.1 Length: 12,000 ft

II.2.C.2 Width: 300 ft

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II.2.D Dimensions of all secondary runways are in the runway table.

II.2.E The primary taxiway is 150 ft wide.

II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency (AFCESA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

An AFCESA Pavement Evaluation Report was used to complete this section.

				Primary Pavements			
Aircraft Group		Criteria		Runways	Taxiways	Aprons	
II.2.F.1	Fighter	F-15	61 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.2	Fighter	F-16C/D	37 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.3	Bomber	B-52	450 Kips	15,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.4	Bomber	B-1B	450 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.5	Tanker	KC-135R	320 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.6	Tanker	KC-10	550 Kips	15,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.7	Airlift	C-5B	800 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.8	Airlift	C-141	325 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now

II.2.G Excess aircraft parking capacity for operational use.

II.2.G.1 The total usable apron space for aircraft parking is 653,344 Sq Yds.

II.2.G.1.a Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions (Equivalent Rectangle)		CURRENT USE DATA. (Type of Aircraft and which of the permanently assigned aircraft use the area.)	
19ARW ALERT APRON	2,200 ft	810 ft	Primary Aircraft	KC-135
19ARW OP APRON	775 ft	1,945 ft	Primary Aircraft	KC-135
AIR FREIGHT APRON	1,265 ft	475 ft	Transient Aircraft	VARIOUS CARGO ACFT
C-130 RUN UP LINE	863 ft	175 ft	Neither	C-130 PDM
N. DEPOT APRON	1,550 ft	1,500 ft	Neither	C-141 PDM
W. C-130 HANGAR	310 ft	370 ft	Neither	C-130 PDM

II.2.G.2 Permanently assigned aircraft currently require 66,343 Sq Yds of parking space.

II.2.G.3 24,309 Sq Yds of parking space is available for parking additional non-transient aircraft.

II.2.G.4 The following factors limit aircraft parking capability:

19 SPOTS DO NOT HAVE FUEL PITS

II.2.H The dimensions of the (largest) transient parking area: 1,265 Ft 475 Ft

II.2.I Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)

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II.2.J **There are No critical features relative to the airfield pavement system that limit its capacity:**

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	7.678 MG/D	MG/D - million gallons per day	46 %
II.3.A.2 Sewage:	3.0 MG/D		80 %
II.3.A.3 Electrical distribution:	72.0 MW	MW - million watts	73 %
II.3.A.4 Natural Gas:	22.00 MCF/D	MCF/D - million cubic feet per day	29 %
II.3.A.5 High temperature water/steam generation/distribution:	528.0 MBTUH	MBTUH - million British thermal units per hour	76 %

II.3.B Characteristics regarding the utility system that should be considered:

For the main Georgia Power substations serving the base, we have cross ties which will allow the transfer of all the winter load from one substation to the other. In the summer we can transfer 10 megawatts from one substation to the other

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1 Facility number: 2052 Hanger
Current Use: FUEL CELL MAINT (19 ARW)

II.4.A.2 Size (SF): 17,750 SF

II.4.A.3-4 Largest aircraft the hangar/ nose dock can COMPLETELY enclose: C-9

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	196 ft	30 ft	
II.4.A.6 Largest unobstructed space inside the facility:	83 ft	30 ft	196 ft

II.4.A.1 Facility number: 2066 Hanger
Current Use: PHASE MAINTENANCE (19 ARW)

II.4.A.2 Size (SF): 30,897 SF

II.4.A.3-4 Largest aircraft the hangar/ nose dock can COMPLETELY enclose: C-9

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	196 ft	30 ft	
II.4.A.6 Largest unobstructed space inside the facility:	83 ft	30 ft	196 ft

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II.4.A.1 Facility number: 2067 Hanger
 Current Use: AIRCRAFT MAINTENANCE (19 ARW)

II.4.A.2 Size (SF): 20,463 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-9

DIMENSIONS:		Width	Height	Length
II.4.A.5 Door Opening:		196 ft	30 ft	
II.4.A.6 Largest unobstructed space inside the facility:		83 ft	30 ft	196 ft

II.4.A.1 Facility number: 2081 Hanger
 Current Use: AIRCRAFT MAINTENANCE (19 ARW)

II.4.A.2 Size (SF): 20,463 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-9

DIMENSIONS:		Width	Height	Length
II.4.A.5 Door Opening:		196 ft	30 ft	
II.4.A.6 Largest unobstructed space inside the facility:		83 ft	30 ft	196 ft

5. Unique Facilities

II.5.A Unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed:

A.1 Name or type of facility	A.2 Total square footage	A.3 Category code	A.4 Present use
Avionics complex	535,537 SF	141821	Repair of avionics and associated specific technologies including hybrid microelectronics, manufacture, computer integratex repair, environmental screening and a comprehensive software engineering capability
Avionics Integ. Spt Facs	215,057 SF	141763	Operational flight program software development, real time system integration testing, testing/reconfiguration, sompilation, configuration control, and maintenance of software documents
PHASED ARRAY WARNING SYSTEM	97,000 SF	141391	DETECTION OF SEA LAUNCHED BALLISTIC MISSILES
Security Assis. Elect. Warfare	21,409 SF	141763	Software development and test of foriegn military sales electronic warfare systems

6. Air Installation Compatible Use Zone (AICUZ) and Terminal Area Procedures

Local/Regional Land Encroachment

II.6.A Percent current off base incompatible land use:

Runway	Est	Percent Incompatible	Percent Incompatible	PERCENT OF CURRENT LAND USE W/I FOLLOWING CATEGORIES				
								OPEN/AG/

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	Number	Area	Pop	Acres	Land Use	Land Use	RES	COM	IND	PUB/SEMI	REC	LOW DEN
II.6.A.1	15	CZ	0	207	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	33	CZ	0	207	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
II.6.A.2	15	APZ 1	95	344	4.0	Gen Compat	4.0	0.0	0.0	0.0	0.0	97.0
	33	APZ 1	0	344	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
II.6.A.3	15	APZ 2	130	482	0.0	Gen Compat	11.0	8.0	3.0	0.0	0.0	78.0
	33	APZ 2	0	482	0.0	Gen Compat	0.0	0.0	0.0	52.0	0.0	49.0

	DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES					
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.A.4	65-70	848	4,198	1	Gen Compat	6.0	3.0	1.0	0.0	0.0	91.0
II.6.A.5	70-75	207	1,320	2	Gen Compat	3.0	0.0	0.0	0.0	0.0	96.0
II.6.A.6	75-80	33	110	2	Gen Compat	2.0	0.0	0.0	0.0	0.0	98.0
II.6.A.7	80+	0	0	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

II.6.B Percent future off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.B.1	15	CZ	0	207	0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	33	CZ	0	207	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.B.2	15	APZ 1	95	344	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	33	APZ 1	0	344	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.B.3	15	APZ 2	130	482	0	Gen Compat	11.0	8.0	3.0	0.0	0.0	78.0
	33	APZ 2	0	482	0	Gen Compat	0.0	0.0	0.0	52.0	0.0	49.0

	DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES					
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.B.4	65-70	848	4,198	1	Gen Compat	6.0	3.0	1.0	0.0	0.0	91.0
II.6.B.5	70-75	207	1,320	2	Gen Compat	3.0	0.0	0.0	0.0	0.0	97.0
II.6.B.6	75-80	33	110	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.B.7	80+	0	0	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

II.6.C The most recent, publicly released AICUZ study is dated Jul 93

II.6.D Current AICUZ study's flying activities subsection reflects all currently assigned aircraft

Subsection reflects the number of daily flying operations conducted by all assigned aircraft

Current AICUZ study's flight track figure/map reflects current flight tracks.

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II.6.E **The AICUZ study was last updated on Jul 93**
The study is still valid.

II.6.F **Local governments have incorporated AICUZ recommendations into land use controls**

II.6.F.1 **AICUZ recommended height restrictions.**

Government name:	Types of controls in place	Types of encroachment limited:
BIBB COUNTY	ZONING ORDINANCES	SEE MS WORD DOCUMENT II.6.F.1-7
HOUSTON COUNTY	ZONING ORDINANCES AND REGULATIONS	SEE MS WORD DOCUMENT II.6.F.1-7
TWIGGS COUNTY	ZONING ORDINANCE	SEE MS WORD DOCUMENT II.6.F.1-7
WARNER ROBINS (CITY)	ZONING ORDINANCES AND REGULATIONS	SEE MS WORD DOCUMENT II.6.F.1-7

II.6.F.2 **AICUZ recommended development limits for Accident Potential Zone 1.**

Government name:	Types of controls in place	Types of encroachment limited:
BIBB COUNTY	ZONING ORDINANCES; SEE MS WORD DOCUMENT SECTION II.6.F.3	SEE MS WORD DOCUMENT II.6.F.2-7
HOUSTON COUNTY	ZONING ORDINANCES; SEE MS WORD DOCUMENT II.6.F.2	SEE MS WORD DOCUMENT II.6.F.2-7
TWIGGS COUNTY	NONE REQUIRED; APZI IS NOT IN TWIGGS COUNTY	SEE MS WORD DOCUMENT II.6.F.2-7
WARNER ROBINS (CITY)	APZI IS NOT WITHIN THE CITY OF WARNER ROBINS	SEE MS WORD DOCUMENT II.6.F.2-7

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II.6.F.3 AICUZ recommended development limits for Accident Potential Zone 2.

Government name:	Types of controls in place	Types of encroachment limited:
BIBB COUNTY	ZONING ORDINANCES; SEE MS WORD DOCUMENT SECTION II.6.F.3	SEE MS WORD DOCUMENT II.6.F.2-7
HOUSTON COUNTY	ZONING ORDINANCES; SEE MS WORD DOCUMENT II.6.F.3	SEE MS WORD DOCUMENT II.6.F.2-7
TWIGGS COUNTY	NONE REQUIRED; APZII IS NOT IN TWIGGS COUNTY	SEE MS WORD DOCUMENT II.6.F.2-7
WARNER ROBINS (CITY)	APZII IS NOT WITHIN THE CITY OF WARNER ROBINS	SEE MS WORD DOCUMENT II.6.F.2-7

II.6.F.4 AICUZ recommended development limits between the 65 Ldn and 70 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
BIBB COUNTY	ZONING ORDINANCES; SEE MS WORD DOCUMENT II.6.F.4	SEE MS WORD DOCUMENT II.6.F.2-7
HOUSTON COUNTY	ZONING ORDINANCES; SEE MS WORD DOCUMENT SECTION II.6..F.4	SEE MS WORD DOCUMENT II.6.F.2-7
TWIGGS COUNTY	ZONING ORDINANCES	SEE MS WORD DOCUMENT II.6.F.2-7
WARNER ROBINS (CITY)	ZONING ORDINANCES	SEE MS WORD DOCUMENT II.6.F.2-7

II.6.F.5 AICUZ recommended development limits between the 70 Ldn and 75 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
BIBB COUNTY	ZONING ORDINANCES; SEE MS WORD DOCUMENT II.6.F.5	SEE MS WORD DOCUMENT II.6.F.2-7
HOUSTON COUNTY	ZONING ORDINANCES; SEE MS WORD DOCUMENT SECTION II.6.F.5	SEE MS WORD DOCUMENT II.6.F.2-7

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TWIGGS COUNTY	ZONING ORDINANCES	SEE MS WORD DOCUMENT II.6.F.2-7
WARNER ROBINS (CITY)	ZONING ORDINANCES; CITY OF WARNER ROBINS IS NOT WITHIN THIS CONTOUR	SEE MS WORD DOCUMENT II.6.F.2-7

II.6.F.6 AICUZ recommended development limits between the 75 Ldn and 80 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
BIBB COUNTY	ZONING ORDINANCES; SEE MS WORD DOCUMENT II.6.F.6	SEE MS WORD DOCUMENT II.6.F.2-7
HOUSTON COUNTY	ZONING ORDINANCES; SEE MS WORD DOCUMENT SECTION II.6.F.6	SEE MS WORD DOCUMENT II.6.F.2-7
TWIGGS COUNTY	ZONING ORDINANCES; HOWEVER, CONTOUR IS NOT IN TWIGGS COUNTY	SEE MS WORD DOCUMENT II.6.F.2-7
WARNER ROBINS (CITY)	ZONING ORDINANCES; CITY OF WARNER ROBINS IS NOT WITHIN THIS CONTOUR	SEE MS WORD DOCUMENT II.6.F.2-7

II.6.F.7 AICUZ recommended development limits between the 80 Ldn and above Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
BIBB COUNTY	ZONING ORDINANCES	SEE MS WORD DOCUMENT II.6.F.2-7
HOUSTON COUNTY	ZONING ORDINANCES	SEE MS WORD DOCUMENT II.6.F.2-7
TWIGGS COUNTY	ZONING ORDINANCES	SEE MS WORD DOCUMENT II.6.F.2-7
WARNER ROBINS (CITY)	ZONING ORDINANCES	SEE MS WORD DOCUMENT II.6.F.2-7

II.6.G Assessment of significant development (i.e., residential subdivision, shopping mall, or center, industrial park, etc.) existing or anticipated within any of the 7 AICUZ zones.

No significant development currently exists in any AICUZ zone.

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No significant development is projected for any AICUZ zone.

No long range (20 year) development trends in the 7 AICUZ zones are evident.

II.6.H Population figures and projections:

II.6.H.1 Communities in the vicinity of the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
WARNER ROBINS	18633	33491	39693	43726	0
TWIGGS	7935	8222	9354	9806	10208
MONROE	10495	10991	14510	17113	19752
CRAWFORD	5816	5748	7684	8991	9918
BLECKLEY	9642	10291	10767	10430	11427

II.6.H.3 County (ies) encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
PEACH	13846	62924	77605	89208	107858
HOUSTON	39154	62924	77605	89208	107858
BIBB	141249	143418	150256	149967	147032

II.6.I All clear zone acquisition has been completed.

II.6.J All existing on base facilities are sited in accordance with AICUZ recommendations.

All planned on base facilities will be sited in accordance with AICUZ recommendations.

Air Space Encroachment

II.6.K Noise complaints are received from off base residents.

II.6.K.1 2.0 noise complaints per month (average) are received from off base residents.

II.6.L The base has implemented noise abatement procedures as follows:

II.6.L.1 WARNER ROBINS REGULATION 55-4 GOVERNS RUN-UPS AND REQUIRES RUN-UPS TO BE COMPLETED NO LATER THAN 2200L HOURS EACH DAY. MULTIPLE OR LOW APPROACHES AND TOUCH AND GO LANDINGS ARE NOT PERMITTED 2200-0700L.

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 6 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is Load Crews

III.1.A.1.b Current MHE: 11 - 40 K LOADERS, 17 - 10K FORKLIFTS, 5 - 25K LOADERS, 4 - 4K FORKLIFTS, 5 - 6K FORKLIFTS, 1 ELEVATOR LOADER, 1 SWEEPER, 2 TOW TRACTORS, 1 TUG, 1 - 9T HIGH LIFT, 1 ELEVATING TRANSPORT VEHICLE, 1 TRANSPORT VEHICLE

III.1.A.2 11 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:				Remarks:
	Can land	Can taxi	Can park	Can refuel	
747					
C-5					
KC-10					

III.1.C The base has an operational fuel hydrant system:

III.1.C.1 The fuel hydrant system is available to transient aircraft.

III.1.C.2 16 hydrant pits are operational.

Description of base fuel hydrant system:

System Type:	Total Pumping Rate (GPM):	Number of Laterals:	Number of Usable Refueling Positions:	Number of SIMULTANEOUS aircraft refuelings of	
				Narrow	Widebody
2	600	7	16	7	7

III.1.C.3 15 fuel storage tanks support the operational fuel hydrant system:

III.1.C.3.a

Storage tank Capacity:	Tanks with this capacity
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50000	15
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- III.1.C.4** The hydrant system is 3.0 miles from the bulk storage area.
- III.1.C.5** No pits are certified for hot pit operations.
- III.1.D** The base bulk storage facility is serviced by a pipeline.
- III.1.D.1** The pipeline is the primary fuel source for the bulk storage facility.
- III.1.D.2** There are no limitations to continuous service from the primary source.
- III.1.D.3** **DIESEL FUEL: 4,258 BARRELS; GASOLINE: 169 BARRELS**
Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP). Storage for others is excluded.
- III.1.D.4** Other receipt modes available: TANK CARS, TANK TRUCKS
Number of offload headers: 6
6 tank trucks can be simultaneously offloaded
6 tank cars can be simultaneously offloaded
- III.1.D.5** 2 refueling unit fillstands are available.
- III.1.D.5.a** 2 refuelers can be filled simultaneously.
- III.1.D.6** Current dispensing capabilities as defined in AFR 144-1
sustained: 3618000
maximum: 3618000
- III.1.D.7** The base is directly supported by an intermediate Defense Fuels Supply Point (DFSP).
- III.1.D.7.a** Supporting DFSP: DEFENSE LOGISTICS AGENCY (DEFENSE FUEL SUPPLY CENTER AND STANDARD TRANSPIPE CORPORATION)
- III.1.E** Cat 1.1 and 1.2 munitions storage requirements and capacity.
- | | Cat 1.1 | Cat 1.2 |
|---|---------|---------|
| III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity: | 399509 | 0 |
| Square footage available (including physical capacity limit): | 53338 | 0 |
| III.1.E.2 Normal installation mission storage requirement: | 399074 | 0 |

Physical Limits for Cat 1.2 Munitions:

LIMITED ONLY TO PHYSICAL CAPACITY

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III.1.F The base has a dedicated hot cargo pad.

III.1.F.1 Access to the hot cargo pad is not limited.

III.1.F.2 The size of the hot cargo pad is 116,450 sq feet.

III.1.F.3 The sited explosive capacity of the hot cargo pad is 30,000

III.1.F.4 The hot pad access is taxi-on/taxi-off.

III.1.F.5 The taxiway servicing the hot pad is 75 ft wide and has a pavement classification number (PCN) of 90.

III.1.F.6 Aircraft using pad over the last 5 years:

C-5, C-141, C-130, KC-135

III.1.G Proximity (within 150 NM) to mobilization elements.

III.1.G.1 The base is proximate to a ground force installation.

Active ground force installations within 150 NM:

FORT BENNING	73 NM
FORT GORDON	87 NM
FORT MCCLELLAN	126 NM
FORT RUCKER	135 NM
FORT STEWART	112 NM

III.1.G.2 The base is proximate to a railhead.

Railheads within 150 NM:

Albany - Acree	68 NM
Anniston - Bynum	132 NM
Anniston - Fort McClellan	129 NM
Augusta - Fort Gordon	86 NM
Columbus - Fort Benning	72 NM
Hinesville - Walthourville	113 NM
Norcross - Doraville	83 NM
Valdosta - Moody Field	110 NM
Warner Robins	6 NM
Waterford - Daleville	134 NM

III.1.G.3 The base is proximate to a port.

Deep water ports within 150 NM:

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Savannah

136 NM

- III.1.H** The base has a dedicated passenger terminal.
- III.1.I** The base has a dedicated deployment facility capable of handling DoD standardized cargo pallets.
- III.1.J** The base medical treatment facility does Not routinely receive referral patients.
- III.1.K** No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.
- III.1.L** Unique missions performed by the base medical facility:
AIR TRANSPORTABLE HOSPITAL - UTC FFGK; BLOOD TRANSHIPMENT CENTER - UTC FFLGD; AIR TRANSPORTABLE C
Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,
- III.1.M** Base medical facilities project planned to begin before to 1999:
FY97; SITE VISITS COMPLETED BY BOTH THE USAF EASTERN REGION HEALTH FACILITIES OFFICE AND VECTOR RES
Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.
- III.1.M.1** The project has Not been approved.
- III.1.M.2** Major MCP completed since 1989:
MILCON LIFE SAFETY CODE UPGRADE; MILCON OCCUPATIONAL HEALTH SERVICES FACILITY
- III.1.N** Base facilities have a total excess storage capacity of 287,835 sq ft.
- III.1.N.1** Base facilities have a total covered storage capacity of 3,802,000 sq ft.
- III.1.N.2** Breakout of the total covered storage capacity:
- | | |
|--|---------------|
| Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store): | 134,000 sq ft |
| Mobility storage: | 13,000 sq ft |
| War Readiness Support Kits (WRSK) storage: | 21,000 sq ft |

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- III.1.O** 417 light military vehicles are on base.
III.1.P 1372 heavy military and special vehicles are on base.

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Section IV

1. Base Budget

IV.1 Non-payroll portion of the base budget for prior years:

IV.1.A	xxx56	Environmental Compliance			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	6,730.00 \$sK	0.00 \$sK	6,730.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	6,053.00 \$sK	0.00 \$sK		6,053.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	10,083.00 \$sK	151.00 \$sK			10,234.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	5,527.00 \$sK	7.00 \$sK				5,534.00 \$sK
		xxx56 TOTALS:			6,730.00 \$sK	6,053.00 \$sK	10,234.00 \$sK	5,534.00 \$sK
IV.1.B	xxx76	Real Property Maintenance A			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	25,297.00 \$sK	5,249.00 \$sK	30,546.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	18,023.00 \$sK	4,398.00 \$sK		22,421.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	249.00 \$sK	0.00 \$sK			249.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	0.00 \$sK	0.00 \$sK				0.00 \$sK
		xxx76 TOTALS:			30,546.00 \$sK	22,421.00 \$sK	249.00 \$sK	0.00 \$sK
IV.1.C	xxx78	Real Property Maintenance S			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	0.00 \$sK	0.00 \$sK	0.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	0.00 \$sK	0.00 \$sK		0.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	9,007.00 \$sK	750.00 \$sK			9,757.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	5,292.00 \$sK	517.00 \$sK				5,809.00 \$sK
		xxx78 TOTALS:			0.00 \$sK	0.00 \$sK	9,757.00 \$sK	5,809.00 \$sK
IV.1.D	xxx90	Audio Visual			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				

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		3400	196.00 \$sK	0.00 \$sK	196.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	247.00 \$sK	0.00 \$sK		247.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	144.00 \$sK	0.00 \$sK			144.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	18.00 \$sK	0.00 \$sK				18.00 \$sK
		xxx90 TOTALS:			196.00 \$sK	247.00 \$sK	144.00 \$sK	18.00 \$sK
IV.1.E	xxx95	Communications			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	3,649.00 \$sK	614.00 \$sK	4,263.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	3,823.00 \$sK	602.00 \$sK		4,425.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	2,800.00 \$sK	1,299.00 \$sK			4,099.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	3,325.00 \$sK	348.00 \$sK				3,673.00 \$sK
		xxx95 TOTALS:			4,263.00 \$sK	4,425.00 \$sK	4,099.00 \$sK	3,673.00 \$sK
IV.1.F	xxx96	Base Operating Support			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	4,402.00 \$sK	3,631.00 \$sK	8,033.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	6,911.00 \$sK	2,736.00 \$sK		9,647.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	14,421.00 \$sK	7,474.00 \$sK			21,895.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	14,450.00 \$sK	5,378.00 \$sK				19,828.00 \$sK
		xxx96 TOTALS:			8,033.00 \$sK	9,647.00 \$sK	21,895.00 \$sK	19,828.00 \$sK
IV.1.G	MFH	Military Family Housing			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	5,738.00 \$sK	149.00 \$sK	5,887.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	5,348.00 \$sK	149.00 \$sK		5,497.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	5,999.00 \$sK	104.00 \$sK			6,103.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				

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3400	5,593.00 \$sK	14.00 \$sK				5,607.00 \$sK
MFH TOTALS:			5,887.00 \$sK	5,497.00 \$sK	6,103.00 \$sK	5,607.00 \$sK

2. Relocation Costs

IV.2 -Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:

Total relocation costs: 22,023,700.00 K

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Section IV/V Level Playingfield COBRA Data

One time closure costs: 1,011\$sM

Twenty year Net Present Value 133\$sM

Steady state savings 75\$sM per year

Manpower savings associated with closure 1,744

Return on Investment (years): 18

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Section VI Economic Impact**Economic Area Statistics:****Macon, GA MSA****Total population: 296,000 (FY 92)****Total employment: 157,770 (FY 93)****Unemployment Rates (FY93/3 Year Average/10 Year Average)****5.8% / 5.5% / 5.7%****Average annual job growth: 1,843****Average annual per capita income: \$17,542****Average annual increase in per capita income: \$5.8%****Projected economic impact:**

Direct Job Loss:	15,604	
Indirect Job Loss:	15,490	
Closure Impact:	31,094	(19.7% of employment total)
Other BRAC Losses:	9	
Cumulative Impact:	31,103	(19.7% of employment total)

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Section VII

1. Community Infrastructure

Describe the off-base housing situation.

- VII.1.A.1 Off-base housing is affordable
- VII.1.A.2 Units are available for families
- VII.1.A.2 Units are available for single members.
- VII.1.A.3 5.8 Percent of off-base housing was rated as unsuitable in the latest VHA survey
- VII.1.A.4 Median monthly cost of off-base housing based on latest VHA survey: \$695

Describe the transportation systems.

- VII.1.B.1 The base is NOT served by REGULARLY SCHEDULED, public transportation.
- VII.1.B.2 Distance to the nearest municipal airport with scheduled, commercial air traffic: 4 miles
- VII.1.B.2 Airport name: MIDDLE GEORGIA REGIONAL AIRPORT
- VII.1.B.3 Number of commercial air carriers available at the airport: 1
- VII.1.B.4 Average round trip commuting time to work: 34 minutes

Off-base public recreation facilities:

List ONLY THE NEAREST facility for each subcategory.

Facility Subcategory Type	Name of Nearest Facility	Distance to:	Drive Time		
VII.1.C.1 Swimming pool	WARNER ROBINS RECREATION DEPT	2	0 Hrs.	05	Min.
VII.1.C.2 Movie theater	PARKWAY CINEMAS	3	0 Hrs.	06	Min.
VII.1.C.3 Public golf course	INTERNATIONAL CITY MUNICIPAL GOLF COURSE	3	0 Hrs.	05	Min.
VII.1.C.4 Bowling lane	HOUSTON LANES	3	0 Hrs.	06	Min.
VII.1.C.5 Boating	HOUSTON LAKE	10	0 Hrs.	15	Min.
VII.1.C.6 Fishing	HOUSTON LAKE	10	0 Hrs.	15	Min.
VII.1.C.7 Zoo	ATLANTA ZOO	90	1 Hrs.	30	Min.
VII.1.C.8 Aquarium	FERNBANK NATURAL SCIENCE MUSEUM	90	1 Hrs.	30	Min.
VII.1.C.9 Family theme park	SIZ FLAGS OVER GEORGIA	120	2 Hrs.	00	Min.
VII.1.C.10 Professional sports	LUTHER WILLIAMS FIELD	15	0 Hrs.	25	Min.
VII.1.C.11 Collegiate sports	MERCER UNIVERSITY	15	0 Hrs.	25	Min.

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VII.1.C.12	Camping facilities	LAKE TOBESOFKEE	15	0 Hrs.	25	Min.
VII.1.C.13	Beaches (lake or ocean)	LAKE TOBESOFKEE	15	0 Hrs.	25	Min.
VII.1.C.14	Outdoor winter sports	Maggie Valley Ski Resort, NC	200	3 Hrs.	30	Min.

VII.1.D Nearest Shopping facility (two major anchor stores plus smaller retail outlets):

HOUSTON MALL 0 hrs 6 min (3 Miles)

VII.1.E Nearest Metropolitan center (population in excess of 100,000):

MACON 0 hrs 20 min (15 Miles)

Local area crime rate:

- VII.1.F.1 Violent crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Violent crime is defined as the sum of homicide, rape, robbery, felony assault, and simple assault.) 541
- VII.1.F.2 Property crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Property crime is defined as the sum of auto theft, burglary, theft, and arson.) 4869

2. Education

- VII.2.A The highest maximum allowed pupil to teacher classroom ratio, based on grades K - 12 and using local area ratios: 22 to 1
- VII.2.B Local high schools offer a four-year English program.
- VII.2.B Local high schools offer a four-year Math program.
- VII.2.B Local high schools offer four-year Foreign Language programs.
- VII.2.C Local high schools offer an Honors program.
- VII.2.D 65.0 percent of high school students go on to either a two- or four-year college
- VII.2.E There are opportunities for off-base education within 25 miles of the base.
- VII.2.E.1 Opportunities for off-base VOCATIONAL/TECHNICAL TRAINING provided by the following institutions:
MIDDLE GEORGIA TECHNICAL INSTITUTE; MACON TECHNICAL INSTITUTE
- VII.2.E.2 Opportunities for off-base UNDERGRADUATE COLLEGE provided by the following institutions:
MERCER UNIVERSITY, MACON COLLEGE, WESLEYAN COLLEGE, FT VALLEY STATE COLLEGE, GEORGIA COLLEGE (MACON CAMPUS)
- VII.2.E.3 Opportunities for off-base GRADUATE COLLEGE provided by the following institutions:
MERCER UNIVERSITY, GEORGIA COLLEGE (MACON CAMPUS), FT VALLEY STATE COLLEGE

3. Spousal Employment

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- VII.3.A 59.0 percent of spouses are able to find employment (within 3 months) in the local community.
- VII.3.B 98.0 percent of spouses find employment commensurate with job skills, work experience, and education.
- VII.3.C 5.8 percent unemployment in the local area (Department of Labor Statistics)
- VII.3.D 3.0 percentage rate of job growth in the local area (Department of Labor Stastics)

4. Local Medical Care

- VII.4.A Current ratio of active, non-federal physicians in the community: 2.1 physicians/1000 people
- VII.4.B Current ratio of hospital beds in the community: 5.1 beds/1000 people

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Section VIII**1. Air Quality - Clean Air Act**

VIII.1.A Air Quality Management District for the base: CENTRAL GEORGIA INTRASTATE

VIII.1.B The base is NOT located within a maintenance or non-attainment area for pollutants.

VIII.1.C There are NO critical air quality regions within 100 kilometers of the base
(Critical air quality regions are non-attainment areas, national parks, etc.)

VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.

(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)

VIII.1.D.1 The base has NOT been required to impliment emissions reduction through special actions
(i.e. carpooling or emissions credit transfer)

VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:

VIII.E.1 Aerospace Ground Equipment (AGE):

E.1.a No state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.

E.1.b No state or local air quality regulatory agency Requires permits for such units.

E.1.c No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.

E.1.d No state or local air quality regulatory agency Requires retrofit controls for AGE.

VIII.E.2 Infrastructure Maintenance / Public Works

E.2.a No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).

E.2.b No state or local air quality regulatory agency Limits the hours of these activities.

E.2.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.

E.2.d No state or local air quality regulatory agency Requires emission offsets for these activities.

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VIII.E.3 Open Burn/Open Detonation

- E.3.a No state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b No state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a No state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b No state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergency generators.
- E.6.d No state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

VIII.2.A The base potable water supply is On-base and the source is:

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AQUIFER

VIII.2.B There are no constraints to the base water supply.

VIII.2.C The base potable water supply does not constrain operations

(Contaminants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is contaminated.

VIII.3.A.1 Nature of contamination. TCE

VIII.3.A.2 The contaminated groundwater is Not a potable water source.

VIII.3.B The base is Not actively involved in groundwater remediation activities.

VIII.3.C 6 water wells exist at the base.

VIII.3.D 15 wells have been abandoned for the following reasons:

MECHANICAL FAILURE

4. Water - Surface Water

VIII.4.A The following perennial bodies of water are located on base.

Location	Surface area size
DUCK LAKE	11.00 Acres
LUNA LAKE	10.00 Acres
SCOUT LAKE	9.00 Acres
WETLANDS	2,000.00 Acres

VIII.4.A.2 These bodies receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is located within a specified drainage basin.

VIII.4.B Special permits are required as follows:

EROSION AND SEDIMENT CONTROL PERMITS FOR CONSTRUCTION

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(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

VIII.4.C There is known contamination to the base or local community surface water

VIII.4.C.1 Nature of the contamination: PESTICIDES

VIII.4.C.2 The contaminated surface water is Not a potable water source.

5. Wastewater

VIII.5.A Base wastewater is treated by On-Base facilities.

VIII.5.B The following 3 wastewater treatment facilities (industrial/domestic) are located on-base:

DOMESTIC
INDUSTRIAL #1
INDUSTRIAL #2

VIII.5.C There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

VIII.6.A Describe the National Pollutant Elimination System permits in effect:

1 DOMESTIC SEWAGE, 2 INDUSTRIAL WASTEWATER, 6 STORMWATER DISCHARGE

VIII.6.B The base currently discharges treated wastewater OFF-Base. Description of treated wastewater discharge location:

OCMULGEE RIVER

VIII.6.C The base has No discharge impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 98.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 38.0 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 0 facilities are considered regulated areas or have restricted use due to friable asbestos.

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8. Biological - Habitat

- VIII.8.A** There are No ecological or wildlife management areas ON the base. There are No ecological or wildlife management areas ADJACENT TO the base.
- VIII.8.A.1** Natural areas on or adjacent to the base are generally recognized as important ecological sites.
WETLANDS ON EAST SIDE OF THE BASE
- VIII.8.B** No critical/sensitive habitats have been identified on base .
- VIII.8.C** The base has a cooperative agreement for conducting a hunting and fishing program.
Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.
- VIII.8.D** The presence of these resources does not constrain CURRENT construction activities/operations.
The presence of these resources does not constrain FUTURE construction activities/operations.

9. Biological - Threatened and Endangered Species

VIII.9.A Threatened and/or endangered species identified on the base:

Species	Kingdom			Remarks
AMERICAN ALLIGATOR	Animal	State	Listed	Threatened
FLORIDA PANTHER	Animal	Federa	Listed	Endangered
HOODED PITCHER PLANT	Plant	Federa	Listed	Endangered
WILD AZALEA	Plant	Federa	Listed	Endangered
YELLOW FLY CATCHER	Plant	Federa	Listed	Endangered

- VIII.9.B** There are No Special Concern species identified on the base.
- VIII.9.C** The presence of these species does Not constrain current or future construction activities or operations.

10. Biological - Wetlands

VIII.10.A Wetlands, estuaries, or other special aquatic features present on the base:

VIII.10.A.1 Identification and type of wetland: Approximate acreage:

WETLANDS	2482
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- VIII.10.A.2** The base is Not involved in jointly-managed programs for protection of these resources.
- VIII.10.B** The base has been surveyed for wetlands in accordance with established federally approved guidelines.
- VIII.10.B.1** Survey was completed in Jul 94

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VIII.10.B.2 100 percent of the base was included in the survey.

VIII.10.B.3 Method used to survey the base (e.g., Corps of Engineers Delineation Manual, U.S. Fish and Wildlife Service National Wetlands Inventory):

CORPS OF ENGINEERS DELINATION MANUAL

VIII.10.C Part of the base is located in a 100-year floodplain.

VIII.10.D The presence of these resources does Not constrain current or future construction activities or operations.

11. Biological - Floodplains

VIII.11.A Floodplains are present on the base.

VIII.11.A.1 Floodplains do Not constrain construction (siting) activities or operations.

VIII.11.A.2 Periodic flooding does Not constrain base operations.

12. Cultural

VIII.12.A Historic, prehistoric, archaeological sites or other cultural resources located on the base:

VIII.12.A.1 Sites:

Significant status:

1	NONE/INELIGIBLE
10	NONE/INELIGIBLE
11	LOCAL
12	LOCAL
13	NONE/INELIGIBLE
14	LOCAL/ELIGIBLE
15	NONE/INELIGIBLE
16	LOCAL
17	LOCAL/ELIGIBLE
18	LOCAL
19	LOCAL
2	LOCAL
20	NONE/INELIGIBLE
21	LOCAL
22	LOCAL
23	LOCAL

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24	NONE/INELIGIBLE
25	NONE/INELIGIBLE
26	NONE/INELIGIBLE
27	LOCAL
28	NONE/INELIGIBLE
29	NONE/INELIGIBLE
30	LOCAL
31	NONE/INELIGIBLE
32	LOCAL
33	NONE/INELIGIBLE
34	LOCAL/POTENTIAL
35	LOCAL/POTENTIAL
4	NONE/INELIGIBLE
5	NONE/INELIGIBLE
6	NONE/INELIGIBLE
7	NONE/INELIGIBLE
8	LOCAL/ELIGIBLE
9	NONE/INELIGIBLE
9HT7	NONE/INELIGIBLE
9HT8	LOCAL/POTENTIAL
FEAGIN CEM	NONE/POTENTIAL
KING CEM	NONE/POTENTIAL
OCCUR 25	LOCAL

VIII.12.B 29 percent of the buildings on base are over 50 years old.

VIII.12.C No Historic Landmark/Districts, or NRHP properties are located on base.

VIII.12.C.1 Some properties have been determined to be or may be eligible for the NRHP.

VIII.12.C.2 Buildings or structures have been surveyed for Cold War or other historical significance.

VIII.12.D The base has been archeologically surveyed.

VIII.12.D.1 100 percent of the base has been surveyed.

VIII.12.D.2 Archeological sites have been found.

VIII.12.D.3 Archeological collections are housed on base.

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VIII.12.D.4 Native Americans or others use/identified sacred areas or burial sites on or near base:

NATURE CENTER/PAELO INDIAN SITE

VIII.12.E The base has no agreements with historic preservation agencies.

Agreements include Programmatic Agreements and Memorandum of Agreements.

Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 33 IRP sites have been identified

VIII.13.A.2 No IRP sites extend off base.

VIII.13.A.3 3All on-site remediation is estimated to be in place in 7257

VIII.13.B The installation is a National Priority List (NPL) site or has been proposed as an NPL site.

VIII.13.C Federal Facility Agreements to clean up the base are in place.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There reported or known uncontrolled or unregulated occurrences of specific contaminate types and sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E There are sites or SWMUs currently being investigated and remediated pursuant to RCRA corrective action.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.E.1 16 sites are being investigated and remediated.

VIII.13.F The IRP currently restricts construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
Hazardous Waste Disposal/Remediation	\$1,500.000 K	\$2,325.000 K	\$1,325.000 K	\$1,330.000 K	\$1,380.000 K
IRP	\$17,300.000 K	\$22,835.300 K	\$24,873.600 K	\$19,276.300 K	\$4,262.300 K
Natural Resources	\$176.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
Other(s) Specify: AIR QUALITY	\$432.000 K	\$157.000 K	\$83.000 K	\$391.000 K	\$37.000 K
Other(s) Specify: ASBESTOS/LEAD	\$243.000 K	\$265.000 K	\$290.000 K	\$295.000 K	\$300.000 K
Other(s) Specify: COMPLIANCE, GENERAL	\$2,961.000 K	\$2,642.500 K	\$2,696.500 K	\$2,720.500 K	\$2,832.000 K
Other(s) Specify: CULTURAL RESOURCES	\$63.700 K	\$110.000 K	\$60.000 K	\$60.000 K	\$60.000 K
Other(s) Specify: ENVIRONMENTAL ASSESSMENTS	\$120.000 K	\$200.000 K	\$400.000 K	\$400.000 K	\$400.000 K
Other(s) Specify: RCRA/HAZARDOUS MATERIALS	\$180.000 K	\$225.000 K	\$175.000 K	\$200.000 K	\$75.000 K
Other(s) Specify: SPILLS	\$505.000 K	\$810.000 K	\$680.000 K	\$680.000 K	\$655.000 K
Other(s) Specify: USTs	\$282.800 K	\$430.000 K	\$0.000 K	\$0.000 K	\$51.000 K
Other(s) Specify: WATER/WASTEWATER	\$3,504.900 K	\$266.000 K	\$66.000 K	\$66.000 K	\$66.000 K

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Permits	\$21.000 K	\$320.000 K	\$50.000 K	\$500.000 K	\$50.000 K
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15. Other Issues

VIII.15.A Description of other activities which may constrain or enhance base operations:

LOCAL: LOCAL ENHANCEMENTS -SEE ADDITIONAL COMMENTS

STATE: STATE ENHANCEMENTS - SEE ADDITIONAL COMMENTS

16. Air Quality - Clean Air Act

VIII.16.A Air Quality Control Area (AQCA) geographic region in which the base is located:
Houston County, GEORGIA

VIII.16.B Air quality regulatory agency responsible for the AQCA: GEORGIA DEPARTMENT OF NATURAL RESOURCES,
ENVIRONMENTAL PROTECTION DIVISION, AIR PROTECTION
BRANCH

VIII.16.B Name and phone number of the AQCA program manager for issues pertaining to the base:
JAMES A. CAPP (404) 363-7110

The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:

- | | |
|---|---|
| <p>VIII.16.C.1 In Attainment for Ozone</p> <p>VIII.16.C.3 In Attainment for Particulate matter (PM-10)</p> <p>VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx)</p> <p>VIII.16.C.7 The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT</p> | <p>VIII.16.C.2 In Attainment for Carbon Monoxide</p> <p>VIII.16.C.4 In Attainment for Sulfur Dioxide</p> <p>VIII.16.C.6 In Attainment for Lead</p> |
|---|---|

VIII.16.D.1 Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located: 0.12 ppm

VIII.16.D.2 Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located: 9.0 ppm

VIII.16.D.3 Ozone Design value is 100.0% of NAAQS

VIII.16.D.4 Carbon monoxide Design value is 100.0% of NAAQS

Air Quality Survey complete, No additional data required.

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Section IX

Document Separator

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Section I

1. Force Structure

I.1.A No NAF or Non-Air Force activities on base.

I.1.B No Remote/Geographically Separated Units receive more then 50% of Base Operational Support from the base.

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2. Operational Effectiveness**A. Air Traffic Control**

ATCALs - Air Traffic Control and Landing Systems
NAS - National Airspace System

- I.2.A.1 None of the base ATCALs are officially part of the NAS.
I.2.A.2 Base has No ATC facilities.

I.2.A.4 The base does not have a runway.

B. Geographic Location

- | | | | | |
|---------|---|-----------|----------|-------|
| I.2.B.1 | Nearest major primary airlift customer: | FORT DRUM | distance | 51 NM |
| | Nearest major primary airdrop customer: | FORT DRUM | distance | 51 NM |
| I.2.B.2 | Distance to forward deployment Air Bases: | | | |
| | Lajes AB: | 2202 NM | | |
| | Rota AB: | 3196 NM | | |
| | Hickam AFB: | 4315 NM | | |
| | RAF Mildenhall: | 3079 NM | | |

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	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway >= 3,000ft	GRIFFISS AFB	0
I.2.B.4	Military airfield, runway >= 8,000ft	GRIFFISS AFB	0
I.2.B.5	Military airfield, runway >= 10,000ft	GRIFFISS AFB	0
I.2.B.6	Military or civilian airfield, runway >= 3,000ft		
I.2.B.7	Military or civilian airfield, runway >= 8,000ft		
I.2.B.8	Military or civilian airfield, runway >= 10,000ft		
I.2.B.9	Civilian airfield, runway >= 8,000ft for capable of conducting short term operations		
I.2.B.10	Civilian airfield, runway >= 10,000ft for capable of conducting short term operations		
I.2.B.11	Other runways on base can be used for emergency landings.		

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 Supersonic Air Combat Training (ACBT) MOAs and warning/restricted areas, with a minimum size of 4,200 sq NM, within 300 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-105 A,B,D,E,G	268 NM	W-155 A,B,D,E,G	268 NM	W-107 A,D,E,F	269 NM
W-105A	289 NM	W-108 A,B	297 NM		

I.2.C.2 There are No MOAs or warning/restricted areas (minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft) within 200 NM.

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-107A	267 NM	W-105 A,B,D,E,G	268 NM	W-155 A,B,D,E,G	268 NM
W-105E	269 NM	W-107 A,D,E,F	269 NM	W-105A	289 NM
W-108 A,B	297 NM	W-102 LOW	310 NM	W-386 A,B,C,D,E	345 NM
W-386B	346 NM	W-387 A,B	386 NM	W-387A	386 NM
W-72A	419 NM	W-72 A,B	444 NM	W-72B	460 NM
W-122 A,B,C,F,G,H,I,J	492 NM	W-122 D	525 NM	W-122 E	525 NM
W-122C	539 NM	W-122F	553 NM	W-122 A,B,C,D,E,F,G,H,I	565 NM

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W-122I	584 NM	W-122G	586 NM	
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I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
FT DRUM	61 NM	INDIANTOWN GAP	177 NM	WARREN GROVE	219 NM
GRAYLING	408 NM	NAVY DARE COUNTY	450 NM	USAF DARE COUNTY	453 NM
CHERRY POINT BT-11	497 NM	JEFFERSON PROVING G	519 NM	ATTERBURY	536 NM
POINSETT	613 NM	HARDWOOD	640 NM	TOWNSEND	762 NM

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

WARREN GROVE	219 NM
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I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

OCEANA TACTS	434 NM
--------------	--------

I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

FT DRUM	61 NM
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I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	0	1	1	25	40	59
SR	0	2	6	46	55	76
VR	2	4	5	32	70	96
Total Routes:	2	7	12	103	165	231

Identify Routes:

VR-724 64 NM	VR-725 64 NM					
VR-1801 112 NM	VR-707 121 NM	SR-900 122 NM	SR-825 124 NM	IR-801 148 NM		
VR-1800 151 NM	SR-901 155 NM	SR-905 168 NM	SR-823 172 NM	SR-902 190 NM		
VR-840 205 NM	VR-841 205 NM	VR-842 205 NM	SR-800 207 NM	SR-847 207 NM	SR-805 207 NM	
SR-801 207 NM	VR-704 209 NM	VR-705 209 NM	VR-1757 211 NM	IR-843 216 NM	IR-843A 216 NM	
SR-904 217 NM	VR-708 225 NM	SR-844 226 NM	SR-845 226 NM	SR-846 226 NM	SR-818 250 NM	
SR-802 253 NM	SR-806 253 NM	SR-808 253 NM	SR-807 253 NM	SR-804 253 NM	SR-803 253 NM	
IR-610 254 NM	SR-817 258 NM	IR-716 268 NM	VR-1711 271 NM	VR-1712 271 NM	VR-1713 271 NM	
VR-1709 278 NM	SR-815 293 NM	SR-835 293 NM	SR-822 293 NM	SR-816 293 NM	SR-820 293 NM	
SR-821 293 NM	VR-1758 298 NM	VR-1624 320 NM	VR-1625 320 NM	VR-1759 329 NM	IR-800 333 NM	
IR-804 333 NM	IR-800A 333 NM	IR-850 338 NM	IR-852 338 NM	IR-851 338 NM	SR-701 341 NM	
VR-1628 341 NM	VR-1627 341 NM	SR-703 341 NM	SR-702 342 NM	IR-800B 351 NM	IR-714 354 NM	

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VR-1754 354 NM	SR-782 354 NM	IR-760 354 NM	IR-720 355 NM	VR-1753 356 NM	VR-1755 356 NM
IR-802 357 NM	IR-803 357 NM	SR-867 358 NM	IR-805 363 NM	IR-719 366 NM	VR-1722 366 NM
SR-707 367 NM	SR-714 367 NM	SR-713 367 NM	SR-708 367 NM	SR-710 367 NM	SR-711 367 NM
IR-761 371 NM	VR-1751 371 NM	SR-709 373 NM	SR-715 373 NM	SR-712 373 NM	SR-781 377 NM
IR-762 380 NM	VR-1756 380 NM	IR-608 382 NM	SR-737 382 NM	SR-738 383 NM	IR-723 389 NM
VR-664 392 NM	SR-733 397 NM	IR-715 399 NM	IR-718 399 NM	VR-1626 400 NM	VR-1633 400 NM
VR-1632 400 NM					
SR-732 401 NM	SR-735 401 NM	SR-734 402 NM	VR-1617 402 NM	VR-1631 402 NM	VR-1638 402 NM
VR-1061 405 NM	SR-871 406 NM	SR-872 406 NM	SR-874 406 NM	SR-873 406 NM	VR-1644 408 NM
VR-1645 408 NM	VR-1647 408 NM	IR-721 413 NM	VR-073 420 NM	VR-1752 421 NM	VR-1721 427 NM
VR-096 428 NM	VR-1639 442 NM	VR-634 456 NM	IR-726 458 NM	VR-1726 458 NM	IR-743 464 NM
VR-1743 464 NM	VR-1057 469 NM	VR-1636 469 NM	IR-062 473 NM	VR-093 479 NM	VR-085 483 NM
VR-086 483 NM	VR-1058 486 NM	VR-1640 488 NM	VR-1043 508 NM	VR-1046 515 NM	IR-022 519 NM
VR-1668 519 NM	VR-1641 523 NM	VR-1642 523 NM	IR-082 534 NM	VR-1667 537 NM	IR-081 538 NM
IR-609 539 NM	IR-012 550 NM	VR-087 555 NM	VR-1060 557 NM	IR-035 575 NM	VR-1074 575 NM
VR-1069 575 NM	IR-079 576 NM	IR-080 576 NM	VR-1040 577 NM	IR-074 578 NM	IR-618 580 NM
VR-619 580 NM	VR-088 581 NM	VR-1648 583 NM	IR-075 589 NM	VR-1666 590 NM	VR-097 598 NM
SR-771 599 NM	SR-774 599 NM				
VR-1679 603 NM	SR-105 604 NM	IR-002 606 NM	VR-095 606 NM	VR-1055 610 NM	VR-058 612 NM
SR-773 622 NM	IR-090 624 NM	VR-1059 625 NM	VR-1013 627 NM	IR-083 632 NM	IR-036 636 NM
IR-042 639 NM	VR-1068 639 NM	VR-1629 645 NM	SR-785 647 NM	SR-102 648 NM	SR-166 649 NM
IR-614 651 NM	VR-1635 651 NM	SR-776 664 NM	VR-615 667 NM	VR-1650 674 NM	SR-059 679 NM
SR-060 679 NM	SR-062 679 NM	SR-061 679 NM	SR-225 682 NM	VR-607 689 NM	VR-1052 690 NM
VR-1041 692 NM	VR-1049 693 NM	VR-092 694 NM	VR-604 695 NM	IR-089 703 NM	SR-035 706 NM
SR-036 706 NM	SR-037 706 NM	SR-040 706 NM	IR-023 718 NM	IR-018 722 NM	VR-1003 734 NM
IR-157 736 NM	IR-174 736 NM	IR-606 741 NM	VR-1011 747 NM	SR-727 755 NM	IR-069 759 NM
IR-077 769 NM	IR-592 770 NM	IR-078 771 NM	VR-1001 772 NM	IR-066 774 NM	IR-067 774 NM
VR-1051 774 NM	VR-1050 774 NM	VR-1616 775 NM	SR-728 784 NM	SR-729 784 NM	VR-094 790 NM
IR-016 792 NM	SR-038 795 NM	VR-1004 795 NM	SR-730 797 NM	SR-731 797 NM	VR-1054 798 NM

I.2.C.9 IR-430 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 1028 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
6	13	24

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I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance
AR-609	39 NM	AR-206H	100 NM	AR-206L	100 NM	AR-204 NORTHEAST	163 NM
AR-212 NORTHEAST	163 NM	AR-631	165 NM				
AR-218H	238 NM	AR-218L	256 NM	AR-217	276 NM	AR-616B	282 NM
AR-204 SOUTHWEST	298 NM	AR-212 SOUTHEAST	298 NM	AR-205	298 NM		
AR-612	322 NM	AR-616A	336 NM	AR-777	339 NM	AR-632A	347 NM
AR-608	353 NM	AR-636	395 NM	AR-632B	396 NM	AR-020 NORTHEAST	407 NM
AR-107	430 NM	AR-455 WEST	483 NM	AR-328	491 NM		

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
1519	4005

Track	Distance	Events	Track	Distance	Events	Track	Distance	Events	Track	Distance	Events
AR-206H	100 NM	50	AR-206L	100 NM	20	AR-204	163 NM	319	AR-212	163 NM	356
AR-218	238 NM	359	AR-205	298 NM	43	AR-455	483 NM	372			0
AR-203	534 NM	223	AR-109	546 NM	213	AR-216	583 NM	64	Racoon	659 NM	1829

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 659NM from the base."
I.2.C.10d Percentage of tanker demand in region: 0.2
Percentage of tankers based in region: 0.3
Tanker saturation within the region has been classified as tanker Rich
I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
AEGIS	229 NM	✓		✓	0	1
ANDREWS	274 NM				0	1
CHUTE (CIR)	56 NM	✓		✓	0	1
JERSEY DEVIL	197 NM	✓		✓	0	5
MCLEAN	177 NM	✓		✓	0	0
MEACHAM LAKE	93 NM				0	0
MOUNTAIN	58 NM	✓		✓	1	0
PANTHER	56 NM	✓		✓	1	0
PUDGY	197 NM	✓		✓	0	5

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SWAN CREEK	229 NM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
TATER EAST	207 NM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0
TURNER	170 NM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	2
WOODLAWN BEACH	154 NM			0	1
ZIMMER	56 NM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	0

I.2.C.11.a Drop Zone Servicing Instrument and Slow Routes (IRs and SRs)

AEGIS	SR-800								
ANDREWS	SR-820								
CHUTE (CIR)	SR-801								
JERSEY DEVIL	SR-801	SR-805	SR-844	SR-845	SR-846				
MOUNTAIN	IR-801								
PANTHER	IR-801								
PUDGY	SR-801	SR-805	SR-844	SR-845	SR-846				
TURNER	SR-904	SR-905							
WOODLAWN BEACH	SR-825								
ZIMMER	IR-801								

I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

MARTINSBURG 258 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
PANTHER	56 NM	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	0	0

I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM)

CAMP GRAYLING 407 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 **The base Does not control or manage any ranges, questions I.2.D.2 to I.2.D.17 skipped.**

Ranges (Used by the base)

I.2.D.18 **The base does Not uses ranges on a regular basis**

I.2.D.19

The mission/training is Not impacted by training area airspace encroachment.

The mission/training is not impacted by training area airspace noise abatement procedures.

The mission/training is not impacted by training area traffic procedures.

I.2.D.20

I.2.D.21

I.2.D.22

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E. Airspace Used by Base

I.2.E.1 Base schedules or manages no airspace, questions I.2.E.2 to I.2.D.12 skipped.

I.2.E.1.a The base does Not use airspace.

Commercial Aviation Impact

I.2.E.12 The base is Not joint-use (military/civilian).

I.2.E.13 List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
Fulton Co	General Aviation
Oneida Co	Commercial
Oswego Co	General Aviation
Riverside Elisha Payne	General Aviation
Skaneateles Aerodrome	General Aviation
Syracuse Hancock Int'l	Commercial

I.2.E.14 Civilian/commercial operators or other airspace users do Not pose scheduling, operational, or environmental constrains or limits.

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G. Composite / Integrated Force Training

I.2.G.1 Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:

WEST POINT MILITARY RES

51 NM from the base.

I.2.G.2 DELETED

I.2.G.3 Nearest Naval unit where joint training can be accomplished:

NAVY OCEANA

390 mi from the base.

I.2.G.4 Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:

FT DRUM, NY

60 mi from the base.

I.2.G.5 DELETED

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / 1/2 mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
99.4	98.5	87.9	75.0	71.4

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 98.0 percent of the time

I.2.J.2.b Is at or below 25 knots 99.8 percent of the time

I.2.J.3 98 Days have freezing participation (mean per year).

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Section II**1. Installation Capacity & Condition****A. Land**

	Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
II.1.A.1	AVA	REMOTE RESEARCH SITE	297	297	
II.1.A.2	FORESTPORT	REMOTE RESEARCH SITE	184	184	
II.1.A.3	NEWPORT 1	REMOTE RESEARCH SITE	37	37	
II.1.A.4	NEWPORT 2	REMOTE RESEARCH SITE	41	41	
II.1.A.5	OUAKER HILL	LEASED THEODOLITE ST	7	7	
II.1.A.6	ROME LAB	RETAINED ON GRIFFISS	70	70	
II.1.A.7	STOCKBRIDGE	REMOTE RESEARCH SITE	295	295	
II.1.A.8	TUMMONDS HILL	LEASED REM RESH SITE	2	2	
II.1.A.9	VERONA	REMOTE RESEARCH SITE	493	493	
II.1.A.10	VIENNA	LEASED THEODOLITE ST	3	3	
II.1.A.11	YOUNGSTOWN	REMOTE RESEARCH SITE	99	99	
		TOTALS:	1,528	1,528	

B. Facilities**II.1.B.1 From real property records:**

	Facility Category Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	(C) Excess Capacity
II.1.B.1.a.i	121-122	Hydrant Fueling System Pits	EA	0	0		0.0	0.0	0
II.1.B.1.a.ii	121-122a	Consolidated Aircraft Support System	EA	0	0		0.0	0.0	0
II.1.B.1.b	131	Communications-Buildings	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.c	141	Operations-Buildings	SF	N/A	7,917	100.0	0.0	0.0	N/A
II.1.B.1.c.i	141-232	Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	141-753	Squadron Operations	SF	0	0		0.0	0.0	0
II.1.B.1.c.iii	141-782	Air Freight Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.iv	141-784	Air Passenger Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.v	141-785	Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	171	Training Buildings	SF	N/A	10,197	100.0	0.0	0.0	N/A
II.1.B.1.d.i	171-211	Flight Training	SF	0	0		0.0	0.0	0
II.1.B.1.d.ii	171-211a	Combat Crew Tmg Squadron Facility	SF	0	0		0.0	0.0	0

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II.1.B.1.d.iii	171-212	Flight Simulator Training (High Bay)	SF	0	0		0.0	0.0	0
II.1.B.1.d.iv	171-212a	Companion Trng Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	171-618	Field Training Facility	SF	0	0		0.0	0.0	0
II.1.B.1.e	211	Maintenance Aircraft	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.e.i	211-111	Maintenance Hanger	SF	0	0		0.0	0.0	0
II.1.B.1.e.ii	211-152	General Purpose Aircraft Maintenance	SF	0	0		0.0	0.0	0
II.1.B.1.e.iii	211-152a	DASH 21	SF	0	0		0.0	0.0	0
II.1.B.1.e.iv	211-153	Non-Destructive Inspection (NDI) Lab	SF	0	0		0.0	0.0	0
II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	0	0		0.0	0.0	0
II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	0	0		0.0	0.0	0
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	0	0		0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	0	0		0.0	0.0	0
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xiii	211-183	Test Cell	SF	0	0		0.0	0.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.	214	Maintenance-Automotive	SF	N/A	88,272	100.0	0.0	0.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	0	0		0.0	0.0	0
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	0	0		0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	0	0		0.0	0.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	0	0		0.0	0.0	0
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	0	0		0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	0	0		0.0	0.0	0
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	0	0		0.0	0.0	0
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	0	0		0.0	0.0	0
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	101,400	100.0	0.0	0.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	3,865	100.0	0.0	0.0	N/A

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II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	497,957	100.0	0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	0	0		0.0	0.0	0
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	0	0		0.0	0.0	0
II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	0	0		0.0	0.0	0
II.1.B.1.t.iii	422-264	Igloo Magazine	SF	0	0		0.0	0.0	0
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	0	0		0.0	0.0	0
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	0	0		0.0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	3,085	3,085	100.0	0.0	0.0	0
II.1.B.1.v.ii	442-258	LOX Storage	GA	0	0		0.0	0.0	0
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	147,954	147,954	100.0	0.0	0.0	0
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	0	0		0.0	0.0	0
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	0	0		0.0	0.0	0
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.x	530	Medical Laboratories	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.y	540	Dental Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	113,981	100.0	0.0	0.0	N/A
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	0	0		0.0	0.0	0
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0		0.0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	0		0.0	0.0	N/A
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	0	0		0.0	0.0	0
II.1.B.1.cc	722	Dining Hall	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	0	0		0.0	0.0	0
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	0		0.0	0.0	N/A
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.gg	852-273	Acft Support Equipment Storage	SY	0	0		0.0	0.0	0

II.1.B.2 From in-house survey:

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	Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	111	Aircraft Pavement-Runway(s)	SY	0			
II.1.B.1.b	112	Airfield Pavements-Taxiways	SY	0			
II.1.B.1.c	113	Airfield Pavement-Apron(s)	SY	0			
II.1.B.1.d	116-662	Dangerous Cargo Pad	SY	0			
II.1.B.1.e	812	Elec Power-Trans & Distr Lines	LF	77,501	100.0	0.0	0.0
II.1.B.1.f	822	Heat-Trans & Distr Lines	LF	0			
II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	13,204	100.0	0.0	0.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	21,127	100.0	0.0	0.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	0			
II.1.B.1.j	851	Roads	SY	145,258	100.0	0.0	0.0
II.1.B.1.k	852	Veh/Equip Parking	SY	24,104	100.0	0.0	0.0

Notes for specific Cat Codes:

II.1.B.1.e	812	Includes only remote research facilities not facilities on Griffiss AFB, ownership yet to be determined
II.1.B.1.g	832	Includes only remote sites
II.1.B.1.h	842	Includes only remote sites
II.1.B.1.j	851	Includes only remote sites
II.1.B.1.k	852	includes only remote sites

C. Family Housing (Facility Category Code 711)

II.1.C.1 Capacity (housing Inventory)

II.1.C.1.a Number of adequate units from current DD Form 1410, line 18d:

II.1.C.1.b Number of substandard units from current DD Form 1410, line 18e:

II.1.C.1.c Current deficit (-) or surplus units in validated Market Analysis:

(includes E-1 - E3 requirements)

II.1.C.1.c.i A Market Analysis was Not used to answer the questions in Section II.1.C.

II.1.C.1.d FY95/4 projected net housing deficit (-) or surplus of units:

(includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)

II.1.C.2 Condition

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- II.1.C.2.a** Number of adequate units meeting current whole-house standards of accommodation and state of repair: (includes projects programmed through FY95/4. Units meeting whole-house standards are those that were programmed after FY88)
- II.1.C.2.a** Number of adequate units requiring whole-house renovation or replacement: (Units meeting whole-house standards are those that were programmed/renovated after FY88).
- II.1.C.2.a** Number of new housing units projected to meet current deficit.
- II.1.C.3** Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base
- II.1.C.3.a** 0.0 percent of officer families live on base.
- II.1.C.3.b** 0.0 percent of enlisted families live on base.
- II.1.C.3.a** 0.0 percent of all military families live on base.

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	2.25 MG/D	MG/D - million gallons per day	51 %
II.3.A.2 Sewage:	2.25 MG/D		36 %
II.3.A.3 Electrical distribution:	438.0 MW	MW - million watts	21 %
II.3.A.4 Natural Gas:	100.00 MCF/D	MCF/D - million cubic feet per day	5 %
II.3.A.5 High temperature water/steam generation/distribution:	360.0 MBTUH	MBTUH - million British thermal units per hour	20 %

II.3.B Characteristics regarding the utility system that should be considered:

The values listed represent the total capacities of the current Griffiss AFB utility systems (on site). It has yet to be determined who the responsibility of ownership will fall upon once GAFB is realigned. Remote sites usage is not included.

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

5. Unique Facilities

II.5.A Unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed:

A.1 Name or type of facility	A.2 Total square footage	A.3 Category code	A.4 Present use
Ava Remote Research Site	12,306 SF	multi	High Frequency Over-the-Horizon Backscatter Research. High power, High Frequency and Very High Frequency transmitter and antenna systems. Propagation sounding systems. 297 Acres are associated with the site.
Forestport Remote Research Sit	16,264 SF	multi	High Power, Very Low Frequency/Low Frequency Communications Research. 184 Acres are associated with this site.
Newport Remote Research Site	19,036 SF	multi	Antenna and antenna systems research for on-aircraft evaluation. Available test be airframes are: F-4, F-111, A-10, F-15, F-16, F-22, RF-4, B-1B sections and AGM-86 cruise missile. 80 Acres are associated with this site.

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Stockbridge Remote Research Si	14,510 SF	multi	Antenna system performance and ECM threat response on large airframes (B-52, KC-135, C-130, and B-1B) and to evaluate airborne reconnaissance and targeting sensors. 295 Acres are associated with this site.
Verona Remote Research Site	68,926 SF	multi	Multi use research facility for ground and air-borne experiments, evaluations and demonstrations of advanced communication techniques, radar system evaluations, ECM/ECCM techniques, data processing and software development. 513 Acres comprise site.

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 No C-141s or equivalent aircraft can be loaded or unloaded.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.2 No C-141s or equivalent aircraft can be refueled.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can not land, taxi, park, and refuel any widebody aircraft (C-5, KC-10, or 747).

III.1.C The base does Not have an operational fuel hydrant system.

III.1.D The base bulk storage facility is Not serviced by a pipeline.

III.1.D.3

Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP). Storage for others is excluded.

III.1.D.4 Other receipt modes available:

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III.1.D.5**III.1.D.5.a** Refuelers can Not be filled simultaneously.

III.1.D.6 Current despending capabilities as defined in AFR 144-1 sustained: 0
 maximum: 0

III.1.D.7 The base is Not directly supported by an intermediate Defense Fuels Supply Point.**III.1.E** Cat 1.1 and 1.2 munitions storage requirements and capacity.

III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:
 Square footage available (including physical capacity limit):

	Cat 1.1	Cat 1.2
	0	0
	0	0
	0	0

III.1.E.2 Normal installation mission storage requirement:**III.1.F** The base does not have a dedicated hot cargo pad.**III.1.G** Proximity (within 150 NM) to mobilization elements.**III.1.G.1** The base is proximate to a ground force installation.

Active ground force installations within 150 NM:

FORT DRUM	51 NM
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III.1.G.2 The base is proximate to a railhead.

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Railheads within 150 NM:

Kendaia	71 NM
Picatinny - Picatinny	142 NM
Plattsburg	122 NM
Rome	3 NM
Scranton	110 NM
Watertown - Calcium	109 NM
Watervliet	81 NM

- III.1.G.3** The base is over 150 NM from a port.
- III.1.H** The base does Not have a dedicated passenger terminal.
- III.1.I** The base does not have a dedicated deployment facility capable of handling DoD standardized cargo pallets.
- III.1.J** The base medical treatment facility does Not routinely receive referral patients.
- III.1.K** No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

- III.1.L** The base medical facility performs No unique missions.

Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

- III.1.M** Base medical facilities have No facilities projects planned to begin before to 1999.

Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.

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- III.1.N** **Base facilities have No excess storage capacity.**
- III.1.N.1** **Base facilities have a total covered storage capacity of 147,954 sq ft.**
- III.1.N.2** **Breakout of the total covered storage capacity:**
- | | |
|---|---------------|
| Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store): | 147,954 sq ft |
| Mobility storage: | 0 sq ft |
| War Readiness Support Kits (WRSK) storage: | 0 sq ft |
- III.1.O** **No light military vehicles are on base.**
- III.1.P** **No heavy military and special vehicles are on base.**

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Section IV

1. Base Budget

2. Relocation Costs

IV.2 -Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:

Total relocation costs: \$ 14,463.00 K

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Section IV/V Level Playingfield COBRA Data

One time closure costs: 134\$sM

Twenty year Net Present Value 112\$sM

Steady state savings 1\$sM per year

Manpower savings associated with closure 5

Return on Investment (years): 100+

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Section VI Economic Impact

Economic Area Statistics:

Utica - Rome, NY MSA

Total population: 318,000 (FY 92)

Total employment: 154,638 (FY 93)

Unemployment Rates (FY93/3 Year Average/10 Year Average)

6.4% / 7.0% / 6.3%

Average annual job growth: 1,022

Average annual per capita income: \$16,870

Average annual increase in per capita income: \$5.1%

Projected economic impact:

Direct Job Loss:	1,641	
Indirect Job Loss:	<u>1,633</u>	
Closure Impact:	3,274	(2.1% of employment total)
Other BRAC Losses:	<u>7,070</u>	
Cumulative Impact:	10,344	(6.7% of employment total)

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Section VII

1. Community Infrastructure

Describe the off-base housing situation.

- VII.1.A.1 Off-base housing is affordable
- VII.1.A.2 Units are available for families
- VII.1.A.2 Units are available for single members.
- VII.1.A.3 15.0 Percent of off-base housing was rated as unsuitable in the latest VHA survey
- VII.1.A.4 Median monthly cost of off-base housing based on latest VHA survey: \$728

Describe the transportation systems.

- VII.1.B.1 The base is served by REGULARLY SCHEDULED, public transportation. The following services are available:
VIP Transportation, Inc.
- VII.1.B.2 Distance to the nearest municipal airport with scheduled, commercial air traffic: 12 miles
- VII.1.B.2 Airport name: Oneida County Airport
- VII.1.B.3 Number of commercial air carriers available at the airport: 1
- VII.1.B.4 Average round trip commuting time to work: 33 minutes

Off-base public recreation facilities:

List ONLY THE NEAREST facility for each subcategory.

Facility Subcategory Type	Name of Nearest Facility	Distance to:	Drive Time		
			Hrs.	Min.	Min.
VII.1.C.1 Swimming pool	Tosti Park	2		10	Min.
VII.1.C.2 Movie theater	Capital Theater	3		15	Min.
VII.1.C.3 Public golf course	Sleepy Hollow	10		20	Min.
VII.1.C.4 Bowling lane	King Pin Lanes	1		01	Min.
VII.1.C.5 Boating	Lake Delta	10		15	Min.
VII.1.C.6 Fishing	Lake Delta	10		15	Min.
VII.1.C.7 Zoo	Utica Zoo	20		25	Min.
VII.1.C.8 Aquarium	Niagara Falls Aquarium	196	3	30	Min.
VII.1.C.9 Family theme park	Enchanted Forest	40		50	Min.
VII.1.C.10 Professional sports	Rome Free Academy Stadium	20		25	Min.
VII.1.C.11 Collegiate sports	State University of New York Utica	20		25	Min.

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VII.1.C.12	Camping facilities	Lake Delta	10		Hrs.	15	Min.
VII.1.C.13	Beaches (lake or ocean)	Lake Delta	10		Hrs.	15	Min.
VII.1.C.14	Outdoor winter sports	Woods Valley	12		Hrs.	20	Min.

VII.1.D Nearest Shopping facility (two major anchor stores plus smaller retail outlets):

Riverside Mall 25 min (22 Miles)

VII.1.E Nearest Metropolitan center (population in excess of 100,000):

Syracuse 45 min (35 Miles)

Local area crime rate:

VII.1.F.1 Violent crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Violent crime is defined as the sum of homicide, rape, robbery, felony assault, and simple assault.) 244

VII.1.F.2 Property crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Property crime is defined as the sum of auto theft, burglary, theft, and arson.) 3374

2. Education

VII.2.A The highest maximum allowed pupil to teacher classroom ratio, based on grades K - 12 and using local area ratios: 30 to 1

VII.2.B Local high schools offer a four-year English program.

VII.2.B Local high schools offer a four-year Math program.

VII.2.B Local high schools offer four-year Foreign Language programs.

VII.2.C Local high schools offer an Honors program.

VII.2.D 82.4 percent of high school students go on to either a two- or four-year college

VII.2.E There are opportunities for off-base education within 25 miles of the base.

VII.2.E.1 Opportunities for off-base VOCATIONAL/TECHNICAL TRAINING provided by the following institutions:

Mohawk Valley Community College, Board of Cooperative Education Services

VII.2.E.2 Opportunities for off-base UNDERGRADUATE COLLEGE provided by the following institutions:

Mohawk Valley Community College, State University of New York Institute of Technology at Utica/Rome, Utica College of Syracuse University

VII.2.E.3 Opportunities for off-base GRADUATE COLLEGE provided by the following institutions:

Utica College of Syracuse University, State University of New York Institute of Technology at Utica/Rome, State University of NY, Cortland (classes held at SUNY Utica/Rome), Elmira College (classes held in Rome)

3. Spousal Employment

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3. Spouse Employment

- VII.3.A 86.0 percent of spouses are able to find employment (within 3 months) in the local community.
- VII.3.B 78.0 percent of spouses find employment commensurate with job skills, work experience, and education.
- VII.3.C 6.4 percent unemployment in the local area (Department of Labor Statistics)
- VII.3.D 0.9 percentage rate of job growth in the local area (Department of Labor Stastics)

4. Local Medical Care

- VII.4.A Current ratio of active, non-federal physicians in the community: 2.0 physicians/1000 people
- VII.4.B Current ratio of hospital beds in the community: 3.0 beds/1000 people

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Section VIII

1. Air Quality - Clean Air Act

VIII.1.A Air Quality Management District for the base: CENTRAL NEW YORK AIR QUALITY MANAGEMENT DISTRICT - REGION 6

VIII.1.B The base is located within a maintenance or non-attainment area for specific pollutants.

VIII.1.B.1 No pollutants in maintenance

VIII.1.B.2 Non-attainment area regulated pollutant(s) and severity:

Ozone	Moderate
-------	----------

VIII.1.C There are critical air quality regions within 100 kilometers of the base

(Critical air quality regions are non-attainment areas, national parks, etc.)

VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.

(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)

VIII.1.D.1 The base has NOT been required to impliment emissions reduction through special actions
(i.e. carpooling or emissions credit transfer)

VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:

VIII.E.1 Aerospace Ground Equipment (AGE):

E.1.a No state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.

E.1.b No state or local air quality regulatory agency Requires permits for such units.

E.1.c No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.

E.1.d No state or local air quality regulatory agency Requires retrofit controls for AGE.

VIII.E.2 Infrastructure Maintenance / Public Works

E.2.a No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).

E.2.b No state or local air quality regulatory agency Limits the hours of these activities.

E.2.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.

E.2.d No state or local air quality regulatory agency Requires emission offsets for these activities.

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VIII.E.3 Open Burn/Open Detonation

- E.3.a The state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b No state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a The state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a No state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b No state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergent generators.
- E.6.d No state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 The state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

- VIII.2.A The base potable water supply is Local Community and the source is:

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Municipal

VIII.2.B There are no constraints to the base water supply.

VIII.2.C The base potable water supply does not constrain operations

(Contaminants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is contaminated.

VIII.3.A.1 Nature of contamination. Organic solvents, metals, asbestos, PAH's pesticides, PCB's oil and grease, and fuels.

VIII.3.A.2 The contaminated groundwater is Not a potable water source.

VIII.3.B The base is Not actively involved in groundwater remediation activities.

VIII.3.C 134 water wells exist at the base.

VIII.3.D 32 wells have been abandoned for the following reasons:

unacceptable for sampling

4. Water - Surface Water

VIII.4.A The following perennial bodies of water are located on base.

Location	Surface area size
Base Pond	0.50 Acres
Diversion channel	
Six Mile Creek	
Three Mile Creek	

VIII.4.A.2 These bodies receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is located within a specified drainage basin.

VIII.4.B Special permits are Not required

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(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

VIII.4.C There is No known contamination to the base or local community surface water

5. Wastewater

VIII.5.A Base wastewater is treated by Local Community facilities.

VIII.5.C There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

VIII.6.A Describe the National Pollutant Elimination System permits in effect:

State Pollutant Discharge Elimination System Permit (SPDES) issued by New York State in compliance with the Clean Water Act as amended. Permit held at the 416 BW .

VIII.6.B The base currently discharges treated wastewater ON-Base. Description of treated wastewater discharge location:

Discharge from the coal pile leachate filtration unit at the base steam plant

VIII.6.C The base has No discharge impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 70.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 63.0 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 0 facilities are considered regulated areas or have restricted use due to friable asbestos.

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8. Biological - Habitat

VIII.8.A Ecological or wildlife management areas ON the base: There are No ecological or wildlife management areas ADJACENT TO the base.

Mohawk Pond

VIII.8.A.1 Natural areas on or adjacent to the base are not recognized as important ecological sites.

VIII.8.B No critical/sensitive habitats have been identified on base .

VIII.8.C The base does not have a cooperative agreement for conducting a hunting and fishing program.
Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.

VIII.8.D The presence of these resources does not constrain CURRENT construction activities/operations.
The presence of these resources does not constrain FUTURE construction activities/operations.

9. Biological - Threatened and Endangered Species

VIII.9.A Threatened and/or endangered species identified on the base:

Species	Kingdom				Remarks
Pycnanthemum verticillatum variety verticillatum - mountain mint	Plant	State	Listed	Threatened	

VIII.9.B There are No Special Concern species identified on the base.

VIII.9.C The presence of these species does Not constrain current or future construction activities or operations.

10. Biological - Wetlands

VIII.10.A Wetlands, estuaries, or other special aquatic features present on the base:

VIII.10.A.1 Identification and type of wetland: Approximate acreage:

New York State fresh water wetland	285
------------------------------------	-----

VIII.10.A.2 The base is Not involved in jointly-managed programs for protection of these resources.

VIII.10.B The base has been surveyed for wetlands in accordance with established federally approved guidelines.

VIII.10.B.1 Survey was completed in Sep 94

VIII.10.B.2 100 percent of the base was included in the survey.

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VIII.10.B.3 Method used to survey the base (e.g., Corps of Engineers Delineation Manual, U.S. Fish and Wildlife Service National Wetlands Inventory):

Corps of Engineers delineation manual

VIII.10.C Part of the base is located in a 100-year floodplain.

VIII.10.D The presence of these resources does Not constrain current or future construction activities or operations.

11. Biological - Floodplains

VIII.11.A There are No floodplains on the base.

12. Cultural

VIII.12.A No historic, prehistoric, archaeological sites or other cultural resources are located on the base.

VIII.12.B 1 percent of the buildings on base are over 50 years old.

VIII.12.C No Historic Landmark/Districts, or NRHP properties are located on base.

VIII.12.C.1 No properties have been determined to be or may be eligible for the NRHP.

VIII.12.C.2 Buildings and structures have not been surveyed for Cold War or other historical significance.

VIII.12.D The base has Not been archeologically surveyed.

VIII.12.D.1 Not Applicable.

VIII.12.D.2 No archeological sites have been found.

VIII.12.D.3 No archeological collections are housed on base.

VIII.12.D.4 No Native Americans or others use/identified sacred areas or burial sites on or near base.

VIII.12.E The base has no agreements with historic preservation agencies.

Agreements include Programmatic Agreements and Memorandum of Agreements.

Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- VIII.13.A A preliminary assessment of the installation has been performed.
- VIII.13.A.1 36 IRP sites have been identified
- VIII.13.A.2 2 IRP sites extend off base.
- VIII.13.A.3 4 All on-site remediation is estimated to be in place in 0179
- VIII.13.B The installation is a National Priority List (NPL) site or has been proposed as an NPL site.
- VIII.13.C Federal Facility Agreements to clean up the base are in place.
Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.
- VIII.13.D There reported or known uncontrolled or unregulated occurrences of specific contaminate types and sources.
Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.
- VIII.13.E No sites or SWMUs are currently being investigated and remediated pursuant to the RCRA.
SWMU - Solid Waste Management Units
RCRA - Resource Conservation and Recovery Act
- VIII.13.F The IRP currently restricts construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
GRIFFISS AFB Cost : Air Compliance	\$157.500 K	\$165.500 K	\$2,374.000 K	\$75.000 K	\$75.000 K
GRIFFISS AFB COST: IRP	\$11,300.000 K	\$6,372.000 K	\$2,275.000 K	\$2,650.000 K	\$10,000.000 K
GRIFFISS AFB COST: PCB Management	\$403.000 K				
GRIFFISS AFB COST: UST Management	\$465.000 K				
GRIFFISS AFB COST: Wastewater Compliance	\$157.500 K	\$175.000 K			
GRIFFISS AFB Costs : Asbestos Abatement	\$135.000 K	\$25.000 K			
Hazardous Waste Disposal/Remediation	\$839.400 K	\$836.000 K			
Natural Resources					
Permits	\$35.000 K	\$35.000 K			

15. Other Issues

- VIII.15.A There are no additional activities which may constrain or enhance base operations.

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16. Air Quality - Clean Air Act

VIII.16.A Air Quality Control Area (AOCA) geographic region in which the base is located:
Central New York portion of the Ozone Transport Region

VIII.16.B Air quality regulatory agency responsible for the AQCA:. New York State Department of Environmental Conservation, Region 6

VIII.16.B Name and phone number of the AQCA program manager for issues pertaining to the base:

David Prosser 315-785-2513

The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:

VIII.16.C.1 In Non-Attainment for Ozone **VIII.16.C.2** In Attainment for Carbon Monoxide

VIII.16.C.3 In Attainment for Particulate matter (PM-10) **VIII.16.C.4** In Attainment for Sulfur Dioxide

VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx) **VIII.16.C.6** In Attainment for Lead

VIII.16.C.7 The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT

VIII.16.D.1 Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located: 0.00 ppm

VIII.16.D.2 Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located: 9.0 ppm

VIII.16.D.3 Ozone Design value is 0.0% of NAAQS

VIII.16.D.4 Carbon monoxide Design value is 100.0% of NAAQS

VIII.16.E.1 The EPA-designated severity of nonattainment for OZONE is Moderate

VIII.16.E.2 Central New York portion of the Ozone Transport Region

VIII.16.E.3 Multi-state ozone transport region for the base: Central New York

VIII.16.E.4 The base is Not in a rural transport area

VIII.16.E.5 The EPA has Not proposed that the AQCA severity of nonattainment for OZONE be redesignated

VIII.16.G. Specific ozone precursor (Volatile organic compounds(VOCs) and nitrogen oxides (NOx)) emissions for the base:

1995 AIR FORCE BASE QUESTIONNAIRE
Rome Lab - AFMC

	based on the AQCA 1990 baseline Inventory.		AND	in the required attainment year		
	VOCs			VOCs		
		NOx		NOx		
Mobile Source Including Aircraft	G.1.a	360	G.1.d	145	G.2.a	G.2.d
Military Aircraft Associated with the Base	G.1.b	330	G.1.e	76	G.2.b	G.2.e
Stationary Source	G.1.c	52	G.1.f	165	G.2.c	G.2.f

Amount of reduced annual emissions of VOCs and NOx resulting from permanent reductions in base activity levels, process changes, or any other measures implemented at the base since 1 Jan 1990

	VOCs	NOx
Mobile Source Including Aircraft	G.3.a	G.3.c
Stationary Source	G.3.b	G.3.d

Amount of increased annual emissions of VOCs and NOx resulting from increased activity levels, facility expansion, process changes, or other means implemented at the base since 1 Jan 1990

Mobile Source Including Aircraft	G.4.a	G.4.c
Stationary Source	G.4.b	G.4.d

Computed allowable growth	VOCs	NOx
Mobile Source Including Aircraft	G.5.a Missing data	G.5.c Missing data
Stationary Source	G.5.b Missing data	G.5.d Missing data
TOTAL	G.5.e Missing data	G.5.f Missing data

UNCLASSIFIED

1995 AIR FORCE BASE QUESTIONNAIRE
Rome Lab - AFMC

Section IX

Department : Air Force
 Option Package : Rome Lab to Ft Mnmth
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\ROME-LAB.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

Starting Year : 1996
 Final Year : 1999
 ROI Year : 2003 (4 Years)

NPV in 2015(\$K): -98,364
 1-Time Cost(\$K): 52,806

Net Costs (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	4,370	5,462	5,462	6,555	0	0	21,850	0
Person	0	-664	-1,790	-515	-2,296	-2,296	-7,561	-2,296
Overhd	378	-591	-2,978	-4,397	-9,213	-9,213	-26,015	-9,213
Moving	0	4,050	4,847	15,924	0	0	24,821	0
Missio	0	0	0	0	0	0	0	0
Other	0	343	398	1,307	0	0	2,049	0
TOTAL	4,748	8,602	5,938	18,873	-11,509	-11,509	15,143	-11,509

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	50	0	0	0	0	50
TOT	0	50	0	0	0	0	50

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	0	0	2	8	0	0	10
Enl	0	0	0	0	0	0	0
Stu	0	0	0	0	0	0	0
Civ	0	130	173	570	0	0	873
TOT	0	130	175	578	0	0	883

Summary:

 Closure of Rome lab in four years and move C3 and Electro/Rel directorate to Ft Monmouth. Other directorates to Hanscom (plus some puts and takes)
 Option 4 (was option 4.2)
 Screen 4 data is from Army response
 Use inflated Army MILCON numbers (from AF/CEP)
 Other assumptions similar to AF run (consolidation savings on Hanscom move)
 Army upgrade numbers modified as appropriate.
 No savings taken due to force structure reduction at Hanscom (geophysics)

Department : Air Force
 Option Package : Rome Lab to Ft Mnmth
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\ROME-LAB.CBR
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Costs (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	4,370	5,462	5,462	6,555	0	0	21,850	0
Person	0	502	557	1,879	98	98	3,135	98
Overhd	378	780	1,274	3,063	2,828	2,828	11,150	2,828
Moving	0	4,050	4,850	15,936	0	0	24,836	0
Missio	0	0	0	0	0	0	0	0
Other	0	343	398	1,307	0	0	2,049	0
TOTAL	4,748	11,138	12,542	28,740	2,926	2,926	63,021	2,926

Savings (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	0	1,166	2,348	2,394	2,394	2,394	10,696	2,394
Overhd	0	1,370	4,253	7,460	12,041	12,041	37,166	12,041
Moving	0	0	3	12	0	0	16	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	0	2,537	6,604	9,867	14,435	14,435	47,877	14,435

NET PRESENT VALUES REPORT (COBRA v5.08)
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Department : Air Force
 Option Package : Rome Lab to Ft Mmth
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Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
1996	4,748,293	4,684,320	4,684,320
1997	8,601,659	8,258,658	12,942,978
1998	5,938,392	5,548,994	18,491,972
1999	18,873,027	17,163,472	35,655,445
2000	-11,509,024	-10,186,389	25,469,055
2001	-11,509,024	-9,913,761	15,555,295
2002	-11,509,024	-9,648,429	5,906,866
2003	-11,509,024	-9,390,198	-3,483,333
2004	-11,509,024	-9,138,879	-12,622,212
2005	-11,509,024	-8,894,286	-21,516,499
2006	-11,509,024	-8,656,240	-30,172,739
2007	-11,509,024	-8,424,564	-38,597,303
2008	-11,509,024	-8,199,089	-46,796,392
2009	-11,509,024	-7,979,649	-54,776,041
2010	-11,509,024	-7,766,082	-62,542,123
2011	-11,509,024	-7,558,230	-70,100,354
2012	-11,509,024	-7,355,942	-77,456,296
2013	-11,509,024	-7,159,068	-84,615,363
2014	-11,509,024	-6,967,462	-91,582,826
2015	-11,509,024	-6,780,985	-98,363,811

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
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Department : Air Force
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(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	21,850,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		21,850,000
Personnel		
Civilian RIF	1,000,471	
Civilian Early Retirement	390,393	
Civilian New Hires	1,252,000	
Eliminated Military PCS	0	
Unemployment	172,260	
Total - Personnel		2,815,124
Overhead		
Program Planning Support	1,034,394	
Mothball / Shutdown	221,250	
Total - Overhead		1,255,644
Moving		
Civilian Moving	17,375,787	
Civilian PPS	432,000	
Military Moving	53,843	
Freight	151,844	
One-Time Moving Costs	6,823,000	
Total - Moving		24,836,475
Other		
HAP / RSE	859,732	
Environmental Mitigation Costs	0	
One-Time Unique Costs	1,189,000	
Total - Other		2,048,732
Total One-Time Costs		52,805,976

One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	15,700	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		15,700
Total Net One-Time Costs		52,790,276

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)
 Data As Of 13:04 02/20/1995, Report Created 07:50 03/01/1995

Department : Air Force
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All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
FT MONMOUTH	6,270	0	0	0	6,270
ROME LAB	0	0	0	0	0
HANSCOM	15,580	0	0	0	15,580
Totals:	21,850	0	0	0	21,850

PERSONNEL SUMMARY REPORT (COBRA v5.08)
 Data As Of 13:04 02/20/1995, Report Created 07:50 03/01/1995

Department : Air Force
 Option Package : Rome Lab to Ft Mnmth
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\ROME-LAB.CBR
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PERSONNEL SUMMARY FOR: FT MONMOUTH, NJ

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
416	505	406	7,341

PERSONNEL REALIGNMENTS:

From Base: ROME LAB, NY

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	4	0	0	5
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	55	73	241	0	0	369
TOTAL	0	55	74	245	0	0	374

TOTAL PERSONNEL REALIGNMENTS (Into FT MONMOUTH, NJ):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	4	0	0	5
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	55	73	241	0	0	369
TOTAL	0	55	74	245	0	0	374

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
421	505	406	7,710

PERSONNEL SUMMARY FOR: ROME LAB, NY

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
84	46	0	786

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	-74	0	0	0	0	-74
Enlisted	0	-46	0	0	0	0	-46
Students	0	0	0	0	0	0	0
Civilians	0	137	0	0	0	0	137
TOTAL	0	17	0	0	0	0	17

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
10	0	0	923

PERSONNEL REALIGNMENTS:

To Base: FT MONMOUTH, NJ

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	4	0	0	5
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	55	73	241	0	0	369
TOTAL	0	55	74	245	0	0	374

Department : Air Force
 Option Package : Rome Lab to Ft Mnmth
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\ROME-LAB.CBR
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To Base: HANSCOM, MA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	4	0	0	5
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	75	100	329	0	0	504
TOTAL	0	75	101	333	0	0	509

TOTAL PERSONNEL REALIGNMENTS (Out of ROME LAB, NY):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	2	8	0	0	10
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	130	173	570	0	0	873
TOTAL	0	130	175	578	0	0	883

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	0	-50	0	0	0	0	-50
TOTAL	0	-50	0	0	0	0	-50

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: HANSCOM, MA

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
852	872	0	2,354

PERSONNEL REALIGNMENTS:

From Base: ROME LAB, NY

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	4	0	0	5
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	75	100	329	0	0	504
TOTAL	0	75	101	333	0	0	509

TOTAL PERSONNEL REALIGNMENTS (Into HANSCOM, MA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	4	0	0	5
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	75	100	329	0	0	504
TOTAL	0	75	101	333	0	0	509

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
857	872	0	2,858

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08)
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	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT								
Early Retirement*	10.00%	0	14	17	57	0	0	88
Regular Retirement*	5.00%	0	7	9	28	0	0	44
Civilian Turnover*	15.00%	0	19	26	85	0	0	130
Civs Not Moving (RIFs)*+		0	8	10	34	0	0	52
Civilians Moving (the remainder)		0	82	111	366	0	0	559
Civilian Positions Available		0	48	62	204	0	0	314
CIVILIAN POSITIONS ELIMINATED								
Early Retirement	10.00%	0	5	0	0	0	0	5
Regular Retirement	5.00%	0	3	0	0	0	0	3
Civilian Turnover	15.00%	0	8	0	0	0	0	8
Civs Not Moving (RIFs)*+		0	3	0	0	0	0	3
Priority Placement#	60.00%	0	30	0	0	0	0	30
Civilians Available to Move		0	1	0	0	0	0	1
Civilians Moving		0	1	0	0	0	0	1
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN								
Civilians Moving		0	83	111	366	0	0	560
New Civilians Hired		0	47	62	204	0	0	313
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	19	17	57	0	0	93
TOTAL CIVILIAN RIFs		0	11	10	34	0	0	55
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	30	0	0	0	0	30
TOTAL CIVILIAN NEW HIRES		0	47	62	204	0	0	313

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

+ The Percentage of Civilians Not Willing to Move (Voluntary RIFs) varies from base to base.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 1/3
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ONE-TIME COSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	4,370	5,462	5,462	6,555	0	0	21,850
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	0	200	182	618	0	0	1,000
Civ Retire	0	80	71	239	0	0	390
CIV MOVING							
Per Diem	0	315	423	1,394	0	0	2,133
POV Miles	0	4	5	18	0	0	28
Home Purch	0	1,015	1,359	4,480	0	0	6,854
HHG	0	537	719	2,369	0	0	3,625
Misc	0	58	78	256	0	0	392
House Hunt	0	197	265	873	0	0	1,336
PPS	0	432	0	0	0	0	432
RITA	0	445	596	1,966	0	0	3,008
FREIGHT							
Packing	0	21	28	93	0	0	142
Freight	0	0	1	2	0	0	4
Vehicles	0	0	0	0	0	0	0
Driving	0	1	1	4	0	0	6
Unemployment	0	34	31	106	0	0	172
OTHER							
Program Plan	378	284	213	159	0	0	1,034
Shutdown	0	73	73	75	0	0	221
New Hire	0	188	248	816	0	0	1,252
1-Time Move	0	1,023	1,364	4,436	0	0	6,823
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	1	0	0	1
POV Miles	0	0	0	0	0	0	0
HHG	0	0	9	36	0	0	45
Misc	0	0	1	6	0	0	7
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	166	161	532	0	0	860
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	177	237	775	0	0	1,189
TOTAL ONE-TIME	4,748	10,715	11,529	25,813	0	0	52,806

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/3
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RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	423	988	2,828	2,828	2,828	9,895	2,828
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	25	98	98	98	320	98
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	423	1,013	2,926	2,926	2,926	10,215	2,926
TOTAL COST	4,748	11,138	12,542	28,740	2,926	2,926	63,021	2,926

ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0	0
O&M								
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Moving	0	0	3	12	0	0	16	0
OTHER								
Land Sales	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	3	12	0	0	16	0

RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	1,256	3,826	6,570	8,136	8,136	27,924	8,136
BOS	0	114	427	890	3,905	3,905	9,241	3,905
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	1,166	2,332	2,332	2,332	2,332	10,494	2,332
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	15	62	62	62	202	62
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	2,537	6,600	9,854	14,435	14,435	47,862	14,435
TOTAL SAVINGS	0	2,537	6,604	9,867	14,435	14,435	47,877	14,435

Department : Air Force
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 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\ROME-LAB.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	4,370	5,462	5,462	6,555	0	0	21,850	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	280	253	858	0	0	1,391	
Civ Moving	0	3,027	3,475	11,457	0	0	17,960	
Other	378	1,602	1,929	5,593	0	0	9,503	
MIL PERSONNEL								
Mil Moving	0	0	8	30	0	0	38	
OTHER								
HAP / RSE	0	166	161	532	0	0	860	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	0	177	237	775	0	0	1,189	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	4,748	10,715	11,526	25,801	0	0	52,790	
RECURRING NET								
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	-1,256	-3,826	-6,570	-8,136	-8,136	-27,924	-8,136
BOS	0	308	562	1,938	-1,077	-1,077	653	-1,077
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	-1,166	-2,332	-2,332	-2,332	-2,332	-10,494	-2,332
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	9	36	36	36	118	36
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	-2,114	-5,587	-6,928	-11,509	-11,509	-37,647	-11,509
TOTAL NET COST	4,748	8,602	5,938	18,873	-11,509	-11,509	15,143	-11,509

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)
 Data As Of 13:04 02/20/1995, Report Created 07:50 03/01/1995

Department : Air Force
 Option Package : Rome Lab to Ft Mnmth
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\ROME-LAB.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
FT MONMOUTH	374	4%	0	0%	0
ROME LAB	-933	-100%	-177,000	-100%	190
HANSCOM	509	12%	0	0%	0

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
FT MONMOUTH	0	0%	0	1,394,001	2%	3,727
ROME LAB	-8,136,000	-100%	8,720	-3,905,155	-100%	4,185
HANSCOM	0	0%	0	1,433,797	7%	2,817

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
FT MONMOUTH	1,394,001	2%	3,727
ROME LAB	-12,041,155	-99%	12,906
HANSCOM	1,433,797	5%	2,817

RPMA/BOS CHANGE REPORT (COBRA v5.08)
 Data As Of 13:04 02/20/1995, Report Created 07:50 03/01/1995

Department : Air Force
 Option Package : Rome Lab to Ft Mmth
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\ROME-LAB.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	-1,256	-3,826	-6,570	-8,136	-8,136	-27,924	-8,136
BOS Change	0	308	562	1,938	-1,077	-1,077	653	-1,077
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	-948	-3,264	-4,632	-9,213	-9,213	-27,271	-9,213

INPUT DATA REPORT (COBRA v5.08)
 Data As Of 13:04 02/20/1995, Report Created 07:50 03/01/1995

Department : Air Force
 Option Package : Rome Lab to Ft Mnmth
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\ROME-LAB.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
FT MONMOUTH, NJ	Realignment
ROME LAB, NY	Closes in FY 1999
HANSCOM, MA	Realignment

Summary:

 Closure of Rome lab in four years and move C3 and Electro/Rel directorate to Ft Monmouth. Other directorates to Hanscom (plus some puts and takes)
 Option 4 (was option 4.2)
 Screen 4 data is from Army response
 Use inflated Army MILCON numbers (from AF/CEP)
 Other assumptions similar to AF run (consolidation savings on Hanscom move)
 Army upgrade numbers modified as appropriate.
 No savings taken due to force structure reduction at Hanscom (geophysics)

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
FT MONMOUTH, NJ	ROME LAB, NY	276 mi
ROME LAB, NY	HANSCOM, MA	276 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from ROME LAB, NY to FT MONMOUTH, NJ

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	1	4	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	55	73	241	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	3	4	10	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from ROME LAB, NY to HANSCOM, MA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	1	4	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	75	100	329	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	5	9	22	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Department : Air Force
 Option Package : Rome Lab to Ft Mmth
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\ROME-LAB.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: FT MONMOUTH, NJ

Total Officer Employees:	416	RPMA Non-Payroll (\$K/Year):	10,331
Total Enlisted Employees:	505	Communications (\$K/Year):	0
Total Student Employees:	406	BOS Non-Payroll (\$K/Year):	60,417
Total Civilian Employees:	7,341	BOS Payroll (\$K/Year):	39,183
Mil Families Living On Base:	100.0%	Family Housing (\$K/Year):	3,861
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.19
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	4,474	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	441	Activity Code:	34555
Enlisted VHA (\$/Month):	261		
Per Diem Rate (\$/Day):	103	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: ROME LAB, NY

Total Officer Employees:	84	RPMA Non-Payroll (\$K/Year):	8,136
Total Enlisted Employees:	46	Communications (\$K/Year):	120
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	3,714
Total Civilian Employees:	786	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.10
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	177	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	57	Activity Code:	44
Enlisted VHA (\$/Month):	86		
Per Diem Rate (\$/Day):	66	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: HANSCOM, MA

Total Officer Employees:	852	RPMA Non-Payroll (\$K/Year):	6,164
Total Enlisted Employees:	872	Communications (\$K/Year):	3,704
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	18,161
Total Civilian Employees:	2,354	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	59.0%	Family Housing (\$K/Year):	8,996
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.29
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	4,425	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	432	Activity Code:	AF036
Enlisted VHA (\$/Month):	303		
Per Diem Rate (\$/Day):	139	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force
 Option Package : Rome Lab to Ft Mnmth
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\ROME-LAB.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: FT MONMOUTH, NJ

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	88	118	386	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	20%	25%	25%	30%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: ROME LAB, NY

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	89	119	389	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	1,023	1,364	4,436	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	100%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	33%	33%	34%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	177	Perc Family Housing ShutDown:				100.0%

Name: HANSCOM, MA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	20%	25%	25%	30%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Department : Air Force
 Option Package : Rome Lab to Ft Mmth
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\ROME-LAB.CBR
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INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: ROME LAB, NY

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-74	0	0	0	0
Enl Force Struc Change:	0	-46	0	0	0	0
Civ Force Struc Change:	0	137	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	-50	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: FT MONMOUTH, NJ

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
ARMY MILCON	OTHER	0	0	6,270
CE Estimat 2/3/95				

Name: HANSCOM, MA

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Mission Facilities	OTHER	0	0	15,580
CE Estimate 2/3/95				

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	4,000.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Depot Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00%	1997: 2.90%	1998: 3.00%	1999: 3.00%
			2000: 3.00%
			2001: 3.00%

Department : Air Force
 Option Package : Rome Lab to Ft Mnmth
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\ROME-LAB.CBR
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STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
Horizontal	(SY)	0	OTHER	(SF)	0
Waterfront	(LF)	0	Optional Category B	()	0
Air Operations	(SF)	0	Optional Category C	()	0
Operational	(SF)	0	Optional Category D	()	0
Administrative	(SF)	0	Optional Category E	()	0
School Buildings	(SF)	0	Optional Category F	()	0
Maintenance Shops	(SF)	0	Optional Category G	()	0
Bachelor Quarters	(SF)	0	Optional Category H	()	0
Family Quarters	(EA)	0	Optional Category I	()	0
Covered Storage	(SF)	0	Optional Category J	()	0
Dining Facilities	(SF)	0	Optional Category K	()	0
Recreation Facilities	(SF)	0	Optional Category L	()	0
Communications Facil	(SF)	0	Optional Category M	()	0
Shipyard Maintenance	(SF)	0	Optional Category N	()	0
RDT & E Facilities	(SF)	0	Optional Category O	()	0
POL Storage	(BL)	0	Optional Category P	()	0
Ammunition Storage	(SF)	0	Optional Category Q	()	0
Medical Facilities	(SF)	0	Optional Category R	()	0
Environmental	()	0			