

**SPRINGFIELD
AIR NATIONAL GUARD BASE
SPRINGFIELD, OHIO**

BRAC-95 SUMMARY
**Issues Surrounding The Proposed
Relocation of The Springfield ANG Base**

25 May 1995

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INTRODUCTION

The information provided in this study is to show a summary of data which was collected for the BRAC-95 look at Springfield ANG Base, Ohio.

The statistical data is factual and verifiable through audit of record. The individuals who provided information on specific items like manpower, budgets, expenses, etc. worked tirelessly over the last few days to insure the information is accurate and back-up documentation is available for questions to issues that might require depth beyond the supporting documentation in this study.

The Table of Contents on the next page serves as a guide to quickly find information on the issues in question. If you want to quickly find the bottom line, the executive summary is the place to start.

Thanks goes to those who participated in this effort and to those who make it possible. Regardless of the outcome, I think many of the frustrations with issues in the BRAC recommendation have been addressed.

EXECUTIVE SUMMARY

The BRAC-95 proposal is to relocate the 178FG (ANG) into the facilities vacated by the 906th at WPAFB, Ohio. The 906th FG (Reserve) occupied 168,000 SF of facilities which were vacated when the unit was closed.

The Reserve presence at WPAFB, Ohio has not diminished; however, since the 445th Airlift Wing was moved from Rickenbacker to WPAFB by the BRAC-91 law. The 445th AW has manning authorization for over 2000 personnel.

Currently, the 178th FG, 251st and 269th Combat Communication units at Springfield ANG Base, Ohio occupy 286,000 SF of space and support a geographically separated unit (GSU) at Blue Ash ANG Base, Ohio. The Air National Guard is dependent on the Air Force to meet the federal mission as an air reserve component (ARC). In addition, the ANG serves a dual role as a state military unit under a licensing agreement between the Air National Guard and the state. Under state control the governor becomes the commander-in-chief and can mobilize units for state emergencies. This option has been utilized for prison riots, natural disasters and weather emergencies.

The one time cost to move the 178FG to WPAFB, Ohio as calculated by the Air Force Site Survey Team is \$24.814 million. While there are some unresolved issues this amount is reasonably accurate for the information which was available at the time of the survey.

- One time cost = \$24.184 million

The closure cost for Springfield ANG Base is approximately \$5.0 million for the Base Conversion Agency.

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Closure cost = \$5.0 million

Total Cost To Move:

\$24.814 million + 5.0 million = 29.814 million

* The \$10-12 million environmental cleanup cost will be met by DOD regardless of the move issue.

Annual Recurring Savings = \$1,913,632.19

*The issue of manpower according to AFI 38-204 and AFI 65-503 guidance is still a questionable issue. Brigadier General Tattini, AFMC/XP requested 39 personnel. The Airstaff reduced this to 13 positions. The right number of people might very well be somewhere between the two numbers. Assuming it is, then the recurring savings would be reduced by an additional $13 \times 46,636 = \$606,268$. This would make the probable recurring savings = $\$1,913,632 - \$606,268 = \$1,307,364$

The annual savings for moving the 178FG unit to WPAFB, Ohio is \$1,913,632.19 (See summary sheet based on best available data).

The Return on Investment (ROI) for the move of the 178FG to WPAFB, Ohio is 13 years.

One time cost	= \$24.814 million
Potential annual savings	- <u>1.913</u> million
	13 year ROI

Other Possibility: \$29.814 million (one time cost)
\$ <u>1.307</u> million (savings)
23 year ROI

From the viewpoint of a tax payer it does not demonstrate sound judgement to spend \$30 million. The interest paid on this money would be equal to the annual recurring savings if everything went by plan.

A proposal which makes more sense economically is to fill the spaces at WPAFB with the organizations currently housed off-base which are spending approximately \$1.5 million annually for comparable square foot to that which is available on base.

The move of the 178th FG to WPAFB will result in the loss of jobs for 37 state employees, 11 active duty military members and 13 civil service positions. Most of the savings shown by studies to date clearly show job loss as the feature for moving the unit and spending \$30 million. This does not touch the additional impact on the community and address the issue that military value will not be improved by this change.

**Ohio Air National Guard
Springfield-Beckley MAP, Ohio**

RECURRING SAVINGS							
Recurring Savings		<i>Personnel</i>	<i>CFR</i>	<i>Security</i>	<i>ATC</i>	<i>AJUA</i>	
\$ 2,174,025.00	Equals	\$ (23,375.00)	\$ 1,225,537.00	\$ 541,200.00	\$ 403,903.00	\$ 26,760.00	FY 96

NOTE: COBRA uses FY 96 data. FY 95 data inflated using standard inflation factor from AFI 65-503, Table A-47-7

RECURRING COSTS							
Based on data provided by AFMC, the following recurring costs were added to COBRA							
Telephone		\$ 116,563.00	See Comm. Sht				
Utilities		\$ 143,829.81					
TOTAL		\$ 260,392.81					

The following table is built using actual data from Springfield ANG Base, and estimates from HQ/AFMC. 5 buildings within the ANG cantonment area are already metered for electricity.

	<i>Springfield</i>	<i>WPAFB</i>	<i>Delta</i>
Electricity	\$ 349,756.00	\$ 261,761.00	\$ 87,995.00
Heat	\$ 84,227.00	\$ 288,420.00	\$ (204,193.00)
Water	\$ 5,780.00	\$ 5,653.00	\$ 127.00
Sewer	\$ 9,493.00	\$ 19,327.00	\$ (9,834.00)
Telephone	\$ 13,347.00	\$ 129,910.00	\$ (116,563.00)
Environmental Comp.	\$ 2,929.79	\$ 20,854.60	\$ (17,924.81)
	\$ 462,603.00	\$ 705,071.00	\$ (260,392.81)

All buildings will be metered for electricity and water. However, the following cost assumptions are based on current conditions, 5 buildings metered for electricity, at WPAFB.

RECURRING SAVINGS - RECURRING COST = ANNUAL SAVINGS							
\$ 2,174,025.00	-	\$ (260,392.81)	=	\$ 1,913,632.19			

GROUND RULES

1. Unit Training Code (UTC) integrity and training requirements unique to the Guard will be maintained .
2. Minimize Base Operating Support (BOS) costs.
3. Maximize use of current facilities.
4. The 178 Fighter Group will continue to support the 251 Combat Communications Group, 269 Combat Communications Squadron, tenants and the 123/124 Air Control Squadrons, geographically separated units.
5. All manning requirements are based on the personnel strength of 1,248 military and 398 full-time employees as of 31 January 1995.
6. The Guard will act as the exclusive agent for all construction IAW published AFI's and AFR's.



BRAC '95 Site Surveys

- **Owning MAJCOM Responsible for Unit Survey**
- **Air Staff RT and CE Representatives Will Attend "Major" Site Surveys**
- **Air Force Auditors Will Attend "Selected" Site Surveys**
- **Cost Tied to Closures/Realignment Installations**
- **MILCON in 95 Dollars**
- **Make Maximum Use of Existing Facilities**
- **BOS Support Costs Must be Defined**
- **Tenant Relocation**
 - **"Small" Tenant Units Will be Funded for Relocation Costs Only (No MILCON)**
 - **Larger Tenants Listed in the Report May Have Some Construction Costs**

OPEN ISSUES

VEHICLE MAINTENANCE FACILITY AT WPAFB

This issue is still open. Currently, building 58 is identified as the probable location for the 178 FG facility. The facility is twice the size needed; however, it is in need of renovation to provide minimum facilities for vehicle maintenance. The renovation cost does not address the lead paint and asbestos problem (see item, Environmental Issue) and also only provides funds to renovate half (1/2) the building. Once renovation is started on a building it must come up to current building code standards. This includes electric, ventilation, heating, life safety (fire), etc.. This makes it difficult, if not almost impossible to renovate just half the building.

The other option proposed by WPAFB was building 13, a 400,000+ SF facility which is an old hangar of the blue book fame (storage for aliens and their space craft). In addition parking is a problem at this site. Building 13 has extremely high ceilings, which would make efficient energy conservation and monitoring very difficult. It also would require extensive renovation to install lights, offices, oil water seperators, ventilation systems, etc. While both facilities could be made to accomplish the mission it does not compare to the existing modern facility at Springfield currently in use by the 178 FG.

DINING HALL ADEQUACY

The issue of dining facilities still lingers. The article in the Skywriter and subsequent meetings still have not brought resolution to the problem/ issue. While training and support of the forces for the Services Flight can be worked by agreement, the issue on space to accommodate food preparation, storage, equipment, customer parking and seating should be addressed. In addition to the current dilemma with reservists addressed in the newspaper, the potential exist to increase the dining hall customer load from the Brooks move and the Springfield move.

The psychology of this issue is interesting that if nothing is done it will save money. In addition the typical Airman will eat at McDonalds or some other place to avoid the inconvenience at the dining hall and do it at her/his own expense. In this day of Quality Air Force it looks like we still have difficulty addressing the issues which make the most direct impact on the quality of life for our airman.

Even though the existing airman dining hall at WPAFB is separated from the air reserve component facilities by a four lane highway and entry control points, the minimum that should be done on the dining hall is insure it meets the worst case condition for 3000+ reservist on a drill weekend. This will occur in January because of holidays.

REALISTIC CONSTRUCTION COST

The BRAC process for the FY91 and FY93 actions has been plagued with cost overruns and poor execution rates. There are FY91 projects that are still not funded for construction some four years later and some FY93 projects are not even under design because of the contract process and delays to meet all the objectives of the Federal Acquisition regulations. With this information in mind, I would challenge the validity of really seeing this action occur in FY97 in total as planned. The slippage in construction time frames cost money and is clearly against the process rather than for the process. In addition, people who work at WPAFB or have worked at WPAFB suggest the cost estimates are low. While the effort to develop good data was sincere and commendable, the process fell more to pressure from those in the process than to current cost models used for similar activities at the base.

The effort here is not to challenge or change the one time cost for the move, that would be futile and non-productive. However, since the DD Form 1391's were redone by individuals who wanted to challenge the process, they are being provided to use for future comparison of reality vs. estimation if the 178FG moves to WPAFB.

(See DD Form 1391's for move to WPAFB)

MANPOWER CONSIDERATIONS ON AIR STAFF + 13

- At Springfield, City & State employees sweep streets, ramp, taxiways on daily schedule for FOE (foreign object elimination) program. WPAFB has a valid need for manpower increase to accomplish same. An aircraft engine in 2 level maintenance concept is \$300,000+. . .the 906th when at WPAFB suffered from stone bruises, etc.. Constant sweeping is the only way to reduce this problem.

- Security Police will be eliminated full time for 178th. WPAFB will be requested to issue vehicle decals, prepare accident reports, patrol aircraft ramp, then open the gate on UTA's at the main entrance to handle traffic increases, and avoid going adjacent to housing areas. The gate between the dining hall and ANG proposed facilities is currently closed on weekends.

- The WPAFB operates a pharmacy for hazardous materials. The ANG wholeheartedly supports the concept; however, the base will need additional people to handle the 178th materials, provide material safety data sheets, store materials, etc.. Manpower intensive operations but much safer environmentally.

-The WPAFB gymnasium and health facilities will see an increase in traffic. Will probably drive some consideration for manpower.

- The base dining hall will see increase in weekly activity simply because it is available and people will use it. Probable manpower increase for support.

- The POL facilities will need to provide support to night and weekend flying activities. Probable manpower support to supply aircraft refueling vehicles from fuel farm.

Communication system phones and local increase to WPAFB COMSEC account for 178th FG will probably drive justification to increase communication manpower for support.

- Security Police Flight will be requested to do nightly building security checks and maintain ramp watch after operating hours - will drive need for additional personnel.

- Snow removal accomplished on runway, ramp, streets and parking lots at Springfield by State and City of Springfield employees. WPAFB will probably need additional manpower for support since these folks are eliminated in the move.

- Barrier rewind and inspection supported at Springfield by state fire-fighters. WPAFB will provide this service but will probably ask for manpower to support the 178FG operating hours.

-178th Fire Department provides extinguisher maintenance , tech services, plans review, host-tenant agreement for GSU, fire safety inspections, etc. for Springfield. The State Firefighter personnel at Springfield will go away. WPAFB will have to support these functions including spill response support, etc..

- The WPAFB Public Affairs office , Social Actions, Legal office, Chaplain, etc. will see some increase in traffic from both on the base and off-base. This will require directing information flow and providing some problem resolution.

- ATC (Air Traffic Control Tower) will see increase in traffic on night flying and weekend activities. The weather support information, ATC, etc. will probably drive some possible support requirements

- Munitions facilities will need to be open on weekends and some evenings to support flying activities. This will drive manning requirements.

Reality:

The additional personnel needed to support the 178FG at WPAFB is probably somewhere between the Airstaff +13 number and AFMC's 39 number. This would mean an increase of 26 people versus the 13 people used by BRAC recommendation. A reality check says when the AF Reserve moved in FY91 to WPAFB the plus ups was 99 people.

SUPPORTING DOCUMENTATION

COMMUNICATION ITEMS

SPRINGFIELD MANPOWER TABLES

FOMA COST ESTIMATE

ENVIRONMENTAL CONCERNS

AJUA - AIRPORT JOINT USE AGREEMENT

CONTROL TOWER COST/ISSUES

FIRE DEPARTMENT COST/ISSUES

SECURITY COST/ISSUES

RPMA/HOUSING ALLOWANCE ISSUES

NON-DBOF COST TABLES AT WPAFB

1391's FOR MOVE TO WPAFB

BRAC INFORMATION

COMMUNICATION ITEMS

MEMORANDUM FOR: Record

23 May 1995

FROM: 178CF/CC

SUBJECT: BRAC Communications Concerns

Personnel Position Savings:

According to a point paper on Manpower Authorizations Savings, Lt Col Bernie L. Kring, NGB/XOPB, 5-4665, 16 May 95, There would be a loss of 4 personnel in the Communications Support Branch if the 178FG, 251CCG, and 269CCS were to move to Wright Patterson AFB (WPAFB). According to figures from an ANGR/XPME Functional Manpower Review for the Base Level Telecommunications Organization Technician requirements completed 1 January 1995, there would be only a reduction of 1 Full Time position if the 178FG, 251CCG, and 269 CCS were moved from Springfield to WPAFB. If the units move the affecting factors would be the Communications Support Branch would not maintain the Base COMSEC account and would not maintain a Telephone Switch at Springfield but would still provide a full range of telephone support to include maintaining a Telephone Switch at the Geographically Separated Units (GSU) at Blue Ash ANG, Cincinnati. These factors were identified and used in the study. The functional area affected with the loss of the COMSEC account would result in an authorization change from 6 to 5 persons, a decrease of 1 person. The functional area maintaining the telephone switch was authorized 5 persons for Radio, Telephone, Computer, and Local Area Network maintenance, with switch maintenance as a factorable portion the functional area's responsibilities. Due the fact the Communications Division is still responsible for telephone services and switch maintenance at it's GSU there should be no change in the manpower. Using the formulas provided by the Management Engineering Team (MET) Study show even if there were a change in switch maintenance it did not lower the overall requirements enough to decrease the manpower requirements. All other areas of the base communications support structure were constant whether the unit is located on an Active Air Force Base or Traditional Guard Base. Mrs. Sharon Crowfoot, ANGR/XPME/OLTN, Lead Management Analyst, was contacted 22 May 94, to validate the previous information.

Differences in Communications Services Costs:

Another attachment used to calculate the differences in communications services used figures that were not part of the site survey that was accomplished at Wright Patterson AFB. After working with Mr. John Hull Defense Metropolitan Area Telephone Service (DMATS) Dayton and Mr Blane Heard 88CG/SCXP, the cost per line for basic service was estimated as \$20 per line per month, with 455 validated lines required to support the 178FG, 269CCG, and 251CCS. This resulted in an estimated cost of \$109,000 per year. The 178 currently pays \$13,347 per year for equivalent basic telephone service directly through Ameritech using ANG owned switching equipment at Springfield. This results in a \$95,653 per year increase vice \$68,733 in the worksheet.

Another factor reported in the Site survey was the cost to maintain certification on the mobile radios used at WPAFB. After working with MSGT Ollem, 88CG/SCMLL it was determined that an estimated cost of \$6 per radio per month and \$30 annual certification inspection charge per radio was going to be assessed on the 205 radios the 178FG, 251CCG, and 269CCS uses, resulting in a \$20,910 additional annual cost.

These costs increase the units annual communications cost by \$116,563.

Stewart W. Cearley, Major, Ohio ANG
Commander, 178 Communications Flight
DSN 346-2225

SUPPLIER WILL: Provide administrative communications service. Provide official mail metering equipment, if the receiver generates sufficient quantities of mail and it is agreed upon (see AFR 4-50). Provide personal mail and parcel delivery service to individuals authorized this service according to AFR 4-50 except when such service is provided by the US Postal Service. Provide technical assistance and staging area support. Provide technical expertise and guidance on all copying equipment. Process all paperwork for acquisition process. Provide technical assistance in the forms management function. Provide distribution of AF, AFMC, ASC, gaining command and local publications and forms and Technical Orders according to the policies and procedures in AFR 4-71, 4-72 and TO 00-5-2.

RECEIVER WILL: Operate distribution office to receive communication from the Base Information Transfer System (BITS). Based on known mission requirements and resources available, coordinate with the Supplier Official Mail Manager or Chief, Base Information Services to mutually agree on distribution offices to be serviced by the BITS. Distribution offices provide internal distribution and collection to and from action offices, and dispatch outgoing communications. Operate official mail metering equipment if the organization generates sufficient quantities of mail and it is mutually agreed on. Operate a unit mail room for authorized personnel for personal mail delivery IAW AFR 4-50 except when such service is provided by the US Postal Service. Exchange receipts as required by AFR 205-1. Reimburse Supplier for all financial obligations incurred for copiers. Coordinate the acquisition of all copiers IAW AFR 6-1. Comply with AFRs 4-71, 4-72 and TO 00-5-2.

B2 AUDIO/VISUAL SERVICES: (88 CG/IMV)

SUPPLIER WILL: Provide visual information (VI) services to support Receiver's stated requirements for official officer portraits, full service photographic laboratory processing and printing, still photographer and videographer services, with a complete range of Graphic Arts services. Maintain account tracking of receiver's funds to include products produced and remaining balance. Notify Receiver should additional funds be needed during the fiscal year. (Note: Services cannot be provided unless sufficient funds are in Receiver's account). Notify Receiver of the need to add funds or remove excess funds from the account. Notify Receiver of finished work and request disposition instructions.

RECEIVER WILL: Schedule all VI support through suppliers scheduler. Provide information and documentation necessary for completion of the requested work and establish a reimbursable funding account with Supplier using AF Form 185. Coordinate new VI requirements, other than those covered in this agreement, through the Base Photographic Manager or Base Graphic Arts Manager and add sufficient funds to the account to cover costs of new products or services. Ensure adequate funds are established at the start of each fiscal year and as needed to maintain a positive balance in the account. Comply with AFR 700-32.

B5 CLUBS: (88 SPTG/SVX)

SUPPLIER WILL: Provide MWR facilities and services for various clubs and other related services. Provide membership, use and access on the same basis as other base personnel.

RECEIVER WILL: Comply with Air Force and base regulations, policies, rules and requirements of the clubs and related activities.

B6 COMMUNICATIONS: (88 CG/SCXP)

B6.1 BASE COMMUNICATIONS CENTER (BCC) (88 CG/SCXP)

SUPPLIER WILL: Provide 24 hour record and data communications support. Provide after duty hour common user facsimile service.

RECEIVER WILL: Ensure that messages are prepared IAW Air Force directives and delivered to the BCC in a timely manner. Ensure that the BCC is provided with current personnel listings to ensure prompt and proper delivery of messages. Notify BCC of new or changed message requirements.

B6.2 TELEPHONE SERVICES:

SUPPLIER WILL: Provide consolidated unsecured voice and dial-up switched communications service on a fair and equitable basis in exchange for reimbursement of costs. Charge receiver for overhead expenses based upon total telephone lines servicing the receiving agency, approximately \$20.00 per line, per month. Estimated cost data will be provided no later than 30 September each year. Total charges are flexible as they are based upon increases or decrease within a given fiscal year. Based on current information, estimated annual reimbursable costs are: $265 \times \$20.00 = \$5,300/\text{month} \times 12 \text{ months} = \$63,600$ for DMATS-D overhead, plus $\$1,200 \text{ month} \times 12 \text{ months} = \$14,400$ for the direct costs. This is an estimated total yearly cost of \$78,000. Provide to customer a monthly statement of each singular service cost as applicable (FTS 2000, International Switched Voice Service (ISVS), 1-800 service etc.) for direct reimbursement.

RECEIVER WILL: Obtain all required telephone services (such as access to commercial international long distance, DSN, FTS 2000, and calling cards) only from the Defense Metropolitan Area Telephone System - Dayton (DMATS-D) IAW DODD

COPY FROM 445 AW AGREEMENT : 22 MAY 95

4650.5. If required, develop and maintain a Communications Management Office (CMO), appointing a primary and at least one alternate representative. Personnel appointed will be responsible for planning, programming, and budgeting reimbursable funding for DMATS-D, IAW DMATS Directives 1-9. Submit DMATS-D Form 1070, DMATS Communication Service, and/or AF Form 3215, Communications-Computer Systems Requirement Document, for specialized or dedicated services IAW WPAFBR 700-6 or its successor. Reimburse all additional costs of services when they exceed estimated costs shown.

B6.3 OTHER COMMUNICATIONS SERVICES (88 CG/SCXP)

SUPPLIER WILL: Assist the receiver in defining data communication requirements and establishing services, arranging for installation, and acquiring maintenance. Also provide assistance in establishing other required special services, such as metropolitan area network connectivity, long haul communication lines, cable TV, video teleconferencing, voice mail, land mobile radios, pagers, and cellular phones. Provide preventive maintenance inspection and repair services to include crypto maintenance on all air to ground HF, UHF and VHF communications equipment.

RECEIVER WILL: Submit requirements on an AF Form 3215, Communications-Computer Systems Requirements Document (CSRD) IAW WPAFBR 700-6. Reimburse supplier for services provided.

B7 COMMUNITY SUPPORT SERVICES: (88 SPTG/SVX)

SUPPLIER WILL: Provide community support services including child development centers, arts and crafts, hobby shops, sports facilities and other MWR activities to eligible receiver personnel with proper identification. Includes access to canteens, snack bars and base restaurants.

RECEIVER WILL: Ensure user patrons comply with Air Force and base guidelines.

B9 CUSTODIAL SERVICES: (88 CEG/CE)

SUPPLIER WILL: Provide/contract for normal custodial services to include janitorial and cleaning services for offices, common-use areas, shops and storage areas. Provide receptacles for sorting of recyclable materials.

RECEIVER WILL: Provide access to facilities and areas to be serviced during normal duty hours. Coordinate requirements/problems regarding contracted services with Supplier's Quality Assurance Evaluator for the contract. Encourage sorting of recyclable materials by Receiver staff.

B10 EDUCATION SERVICES: (88 MSS/DPEE)

SUPPLIER WILL: Allow participation in education services on a nonreimbursable basis IAW AFR 213-1 and DOD 1322. 8-H.

RECEIVER WILL: Comply with regulations pertaining to education services.

B11 ENGINEERING SUPPORT: (88 CEG/CE)

SUPPLIER WILL: Provide for planning, design and programming engineering services related to construction fabrication and repair of receiver occupied facilities and Real Property Installed Equipment (RPIE). Accomplish engineering support activities in-house if possible. If not possible, at request of Receiver, services will be accomplished by Architectural/Engineering Services contract subject to mutual Supplier/Receiver concurrence.

RECEIVER WILL: Comply with Supplier directives. Forecast engineering support requirements in advance to the maximum extent possible.

B12 EQUIPMENT OPERATION, MAINTENANCE & REPAIR: (88 TRNS/LGT & 88 SUPS/LGS)

B12.1 VEHICLES: (88 TRNS/LGTX)

B12.1.1 VEHICLE OPERATIONS:

SUPPLIER WILL: Provide access to car wash facilities for all registered vehicles and equipment that are compatible with that facility during normal duty hours. Provide access to all facilities and equipment to train air reserve personnel with transportation AFSC during Unit Training Assemblies (UTA) and annual active duty tours to attain and maintain proficiency in their AFSC. Training will be provided for all vehicle operator and fleet management personnel and will be supplied on a reimbursable basis in accordance with contract statement of work. Provide u-drive vehicles and busses when available, to cover Receiver ORI/UEI and UTA mission requirements. Will provide notification of support at least five (5) days prior to UTAs or ORI/UEI exercises. Provide driver license services as required. Provide dedicated office space in the Vehicle Operations area (see Attachment 1). Provide cargo movement support within capability/availability of assets. Provide U.S. Government National Credit Cards (SF 149) for Receiver's use on a reimbursable basis.

SPRINGFIELD MANPOWER TABLES

5/24/95
3:12 PM

*Ohio Air National Guard
Springfield-Beckley MAP, Ohio*

LOSSES			Cost Per Person		Total Cost of Personnel						
	COBRA	Springfield	COBRA	Springfield	COBRA	Springfield					
Security	17	12	\$ 46,636.00	\$ 29,142.75	\$ 792,812.00	\$ 349,713.00	12 Authorized = 1 Tech. + 11 AGR's				
CE Environmental	2	1	\$ 46,636.00	\$ 46,636.00	\$ 93,272.00	\$ 46,636.00	Need 1 for GSU & WPAFB(Training, Spill Plan, EPC Mtg)				
CE, 2 Officers + 2 Barrier	4	2	\$ 46,636.00	\$ 46,636.00	\$ 186,544.00	\$ 93,272.00	2 Barrier Positions Loss, Other 2 needed for MILCON @ WPAFB & GSU Support				
Communications	4	1	\$ 46,636.00	\$ 46,636.00	\$ 186,544.00	\$ 46,636.00	See Communications Sheet				
ATC (2nd Time)	7	0	\$ 46,636.00	\$ 46,636.00	\$ 326,452.00	\$ -	Already in Control Tower Savings @ 9 Positions				
Crash Rescue	1	1	\$ 46,636.00	\$ 46,636.00	\$ 46,636.00	\$ 46,636.00					
TOTALS	35	17			\$ 1,632,260.00	\$ 582,893.00					
WPAFB (+ up) by Airstaff	39 vs. 13.										
WPAFB (COBRA)	13	\$ 46,636.00	(7 Security + 6 BOS)		\$ 606,268.00	\$ 606,268.00					
SPRINGFIELD - WPAFB = RECURRING SAVINGS					\$ 1,025,992.00	\$ (23,375.00)					

SPMO FULL TIME MANNING DOCUMENT

4/14/95

. POS NR . SSAN	DUTY TITLE NAME	AFSC SVC-DT	AUTH CURR	MIL AGR	PD-NR STATUS	OCC CAT	FD UN DOB	REMARKS REMARKS		
0031564-1 289647952	SECURITY MYERS THOMAS ANTHONY	3P051		SSG SSG	AP	AGR	Y 25JAN66		TECH APPR MO:	LAST APPR: 0
			RATER:							
0031564-2 285549194	SECURITY GREENE GERALD EDWARD	3P051		SSG SSG	AP	AGR	Y 02OCT59		TECH APPR MO:	LAST APPR: 0
			RATER:							
0031564-3 327769054	SECURITY GREENE RHONDA RENEE	3P051		SSG SSG	AP	AGR	Y 07MAY70		TECH APPR MO:	LAST APPR: 0
			RATER:							
0031564-4 271741098	SECURITY REYNOLDS BRIAN KENT	3P051		SSG SSG	AP	AGR	Y 24APR62		TECH APPR MO:	LAST APPR: 0
			RATER:							
0031564-5 268529037	SECURITY RUBLE DEAN LYNN	3P051		SSG SSG	AP	AGR	Y 04JUN63		TECH APPR MO:	LAST APPR: 0
			RATER:							
0031564-6 290665483	SECURITY SKEETERS KEVIN DWAIN	3P051		SSG SSG	AP	AGR	Y 03JUL60		TECH APPR MO:	LAST APPR: 0
			RATER:							
3205459-1 281626697	SECURITY AIPLE JOHN ALLAN	3P071		TSG TSG	AP	AGR	Y 07JAN57		TECH APPR MO:	LAST APPR: 0
			RATER:							
3205459-2 289664496	SECURITY ANDERSON RONALD EDWARD	3P071		TSG TSG	AP	AGR	Y 13MAR61		TECH APPR MO:	LAST APPR: 0
			RATER:							
3205459-3 273744230	SECURITY BENTLEY SCOTT ANTHONY	3P071		TSG TSG	AP	AGR	Y 02APR63		TECH APPR MO:	LAST APPR: 0
			RATER:							
3205460-1 277647016	SECURITY STEWART MICHAEL V	3P051		SSG SSG	AP	AGR		UNFUNDED	TECH APPR MO:	LAST APPR: 0
			RATER:							
3205460-2 284669147	SECURITY COOPER KENNETH MARTIN	3P051		SSG SSG	AP	AGR	16JUL61	UNFUNDED	TECH APPR MO:	LAST APPR:
			RATER:							

TITLE
5's

CONTROL TOWER (PERSONNEL COST)

Position Gross Pay (Pay Period) Benefits

Position	Gross Pay (Pay Period)	Benefits
Meteorological Tech		
GS 6/4 - (Smiddy)	924.80	360.86
GS 6/3 - (Daugherty)	896.80	345.65
Control Tower		
GS 11/7 - (Spmer)	1659.20	388.96
GS 10/7 - (Cameron)	1510.40	371.18
GS 10/5 - (Nieman)	1426.40	359.94
GS 10/6 - (Smith)	1468.80	375.91
GS 11/5 - (Lint)	1432.00	478.85
GS 11/5 - (Walko)	1432.00	475.00
GS 11/1 - (Vacant)	1228.00	400.00 (EST)
	<u>\$11,978.40</u>	<u>\$ 3,556.35</u>

\$ 11,978.40 * 26 = 311,438.40

\$ 3,556.35 * 26 = 92,465.10

403,903.50

PRODUCED BY 178FG:
CAPT. KOEHLER
15 MAY 95

0.0
360.86 +
345.65 +
388.96 +
371.18 +
359.94 +
375.91 +
478.85 +
475.00 +
400.00 +
3,556.35 *
3,556.35 X
26 =
92,465.10 *
311,438.40 +
92,465.10 +
403,903.50 *

0.0
11,978.40 X
26 =
311,438.40 *

0.0
921.80 +
995.80 +
1,659.20 +
1,510.40 +
1,426.40 +
1,458.80 +
1,432.00 +
1,432.00 +
1,228.00 +
11,978.40 *

MPF REPORTS

FOR COMMANDER'S

Provided By

178th Military Personnel Flight

MAY - 1995

ISSUE

LG/CC

UNIT

AUTHORIZED AND ASSIGNED STRENGTH REPORT

AS OF: 30 APR 95

UNIT-----	AUTHORIZED-----			ASSIGNED-----			CURRENT PERCENT	% OF AUTH--		STU FLT PROJECTIONS----			
	OFF	AMN	TOTAL	OFF	AMN	TOTAL		90%	80%	OFF	AMN	TOTAL	PERCENT
178 FIGHTER GROUP	16	35	51	14	26	40	78.4%	46	41	0	1	1	80.4%
178 OPERATIONS GROUP	2	1	3	2	1	3	100.0%	3	2	0	0	0	100.0%
162 FIGHTER SQ	22	16	38	27	17	44	115.8%	34	30	0	0	0	115.8%
178 OPERATIONS SPT FLT	10	12	22	12	8	20	90.9%	20	18	0	0	0	90.9%
178 LOGISTICS GROUP	3	13	16	3	11	14	87.5%	14	13	0	0	0	87.5%
178 LOGISTICS SQ	5	102	107	4	96	100	93.5%	96	86	0	3	3	96.3%
178 MAINTENANCE SQ	8	403	411	7	409	416	101.2%	370	329	0	1	1	101.5%
178 SUPPORT GROUP	2	3	5	2	3	5	100.0%	5	4	0	0	0	100.0%
178 CIVIL ENGINEER SQ	6	140	146	5	121	126	86.3%	131	117	0	4	4	89.0%
178 SERVICES FLT	1	29	30	2	33	35	116.7%	27	24	0	0	0	116.7%
178 COMMUNICATIONS FLT	1	39	40	1	38	39	97.5%	36	32	0	0	0	97.5%
178 SEC POL SQ	1	56	57	0	54	54	94.7%	51	46	0	1	1	96.5%
178 MISSION SPT FLT	3	31	34	3	26	29	85.3%	31	27	0	2	2	91.2%
178 MEDICAL SQ	10	46	56	15	35	50	89.3%	50	45	0	1	1	91.1%
TOTAL - FTR UNITS	90	926	1016	97	878	975	96.0%	914	813	0	13	13	97.2%
251 CMBT COM GP	17	40	57	16	34	50	87.7%	51	46	0	0	0	87.7%
269 CMBT COM SQ	8	153	161	8	124	132	82.0%	145	129	0	4	4	84.5%
TOTAL - COMM UNITS	25	193	218	24	158	182	83.5%	196	174	0	4	4	85.3%
123 AIR CONTROL SQ	11	110	121	11	100	111	91.7%	109	97	0	6	6	96.7%
124 AIR CONTROL SQ	11	109	120	8	87	95	79.2%	108	96	0	9	9	86.7%
TOTAL - CON UNITS	22	219	241	19	187	206	85.5%	217	193	0	15	15	91.7%
8178 STUDENT FLIGHT				0	32	32							
TOTAL - ALL UNITS	137	1338	1475	140	1255	1395	94.6%						



DEPARTMENT OF THE AIR FORCE
WASHINGTON DC 20330-1000

May 18, 1995

OFFICE OF THE SECRETARY

SAF/LLP
1160 Air Force Pentagon
Washington, DC 20330-1160

The Honorable David L. Hobson
House of Representatives
Washington, DC 20515

Dear Mr. Hobson

This is in response to your letter of May 16, 1995, to the Under Secretary of the Air Force requesting information regarding manpower requirements, support costs, dining hall construction costs, and COBRA model requests for relocating Springfield Air Guard Station, Ohio, to Wright-Patterson Air Force Base (AFB), Ohio.

The 22 manpower position savings you referenced were not driven by force structure changes, but are attributed to BRAC. The personnel savings started with 35 manpower positions being identified. However, AF/PEP validated 13 requirements, six BOS and seven mission support for aircraft security, that must transfer to Wright-Patterson AFB. The net savings is 22 positions. The original 35 positions identified are:

- 17 aircraft security
- 2 civil engineering environmental positions
- 4 civil engineering
- 4 communications
- 7 air traffic control
- 1 crash, fire, rescue

(-11 MTH)
(no change)
(-9 MTH)

BAD INFO!
1 SF TIME
2 VALIDITY

Regarding your statement that the ANG manpower bill should be 39 rather than 13, AFI 38-204 states HQ USAF/PEP is the final authority in resolving disagreements between losing and gaining commands on manpower issues. A review of host-tenant agreements for ANG flying units at other AFMC bases like Wright-Patterson AFB shows the ANG is not paying any manpower bill for similar base operational support (BOS) requirements. A review of all BOS functions on the base shows there should be a small additional manpower requirement to support the ANG. AF/PEP and the Base Closure Executive Group have determined that seven BOS and six weapons security positions are more correct at Wright-Patterson AFB.

The mandatory support categories have been considered in calculation of annual recurring savings/costs. The Wright-Patterson AFB support agreement catalog describing support services and costs was researched by the Air National Guard logistics, manpower, finance, and plans people. They could find no additional costs from the mandatory support categories that could be attributed to the Air National Guard.

The COBRA models you requested are attached. One model contains 100 percent of the air traffic control, 33 1/3 percent of the crash, fire, and rescue, and the dining hall. The second contains 100 percent of the air traffic control, 33 1/3 percent of the crash, fire, and rescue, the dining hall, and 39 people for support. The final disposition of the dining hall issue is still being addressed.

We trust this information is useful. A similar letter is being provided to Senators Glenn and DeWine.

Sincerely



STEPHEN D. BULL, III
Colonel, USAF
Chief, Programs and Legislation
Division
Office of Legislative Liaison

Attachments



OHIO AIR NATIONAL GUARD

Headquarters 178th Fighter Group
Springfield-Beckley Municipal Airport
Springfield, Ohio

MEMO FOR RECORD

23 May 1995

SUBJECT: Wright Patterson Power Production Personnel Strength

1. The following information was obtained during a telephone conversation between myself and Mr. Ed Wozniak, 88 ABW/XPP, DSN 787-6291 on 22 May 1995.
2. As a result of my inquiry Mr. Wozniak confirmed the 88 Air Base Wing's current manning in Power Production could support the training requirements of our Power Production Traditional Guardsmen during scheduled UTA's. Additionally, during our conversation Mr. Wozniak stated the Power Production section has in the past had difficulty obtaining the necessary funds required for barrier maintenance.
3. If any further information is required I can be reached at DSN 346-2160.

Walter R. Ball
WALTER R. BALL, Captain, Ohio ANG
Resource Plans Officer

FOMA COST (AGREEMENT)

OHIO AIR NATIONAL GUARD
SPRINGFIELD-BECKLEY ANG BASE, OHIO

FOMA EXPENSES*FOR SPRINGFIELD ANG BASE, OHIO						
VERSUS OPERATING COST AT WRIGHT-PATTERSON AFB**, OHIO						
			SPFLD'S "ASSIGNED" SQ. FT @ W-P			237000
			PERSONNEL ASSIGNED TO SPFLD			1234
EEIC	DESCRIPTION	SPRINGFIELD	WRIGHT-PATT	NOTES	DIFFERENCE	SAVINGS
		AMOUNT*	AMOUNT**			
47390	Rental other equipment ADT Security Rental of Oxygen Tanks	\$ 6,097.92	\$ 6,097.92	4	\$	-
48010	Purchased Utilities/Water	\$ 5,780.00	\$ 5,653.00		\$	127.00
48020	Purchased Utilities/Electric	\$ 349,756.00	\$ 261,761.00		\$	87,995.00
48040	Purchased Utilities/Sewage Disposal	\$ 9,493.00	\$ 19,327.00		\$	(9,834.00)
61212	Utility Fuels - Propane	\$ 2,389.00				
61212	Utility Fuels - Heating & Power	\$ 81,838.00	\$ 288,420.00		\$	(204,193.00)
			\$ 575,910.00	\$ 2.43		
	SUB-TOTAL for UTILITIES	\$ 449,256.00	\$ 575,161.00	6	\$	(125,905.00)
531	Contract Custodial Services	\$ 46,804.16	\$ 46,804.16	4	\$	-
53320	Refuse Collection and Disposal	\$ 21,361.67	\$ 21,361.67	4	\$	-
53330	Inspection, Calibration, Testing (Environmental Compliance)	\$ 2,929.79	\$ 20,854.60	\$ 16.90	\$	(17,924.81)
						COST PER ASGN PER
53340	Tank/Trap/Duct Cleaning	\$ 300.00	\$ 300.00	4	\$	-
53350	Entomology Pest Control	\$ 5,374.40	\$ 5,374.40	4	\$	-
53390	Other Contract CE Services	\$ 1,480.57	\$ 1,480.57	5	\$	-
56990	Maintenance of Equipment Heating and Air Conditioning	\$ 15,406.13	\$ 15,406.13		\$	-
						ESTIMATED COST FOR A/C REPAIR/MAINT.
57030	Joint Use Service Agreements City of Springfield - Rent	\$ 34,310.00	\$ 34,310.00	3,4	\$	-
61990	Non AFSF Supplies and Equipment	\$ 82,438.85	\$ 82,438.85	4	\$	-
	Electrical Supplies					ESTIMATED COST FOR MAINT.
	Painting Supplies					
	Hardware Supplies					
	Cleaning Supplies					
	Locks					
	Plumbing Supplies					
	GRAND TOTAL	\$ 665,759.49	\$ 809,589.30		\$	(143,829.81)
						NOTES
						* Based of FY 94 Actual FOMA Cost
						** Base on Wright-Patterson's Support Agreement Catalog of Services Dated 13 Jan 95
						3 - COST OF AIRFIELD OPS - "PRORATA SHARE OF USAGE" will probably be much higher.
						4 - No line item found or no cost data provided - Calculate cost as same @ Sfld
						5 - FOMA EXPENSES ARE PAID THROUGH STATE FINANCE.
						6 - Based on Wright-Patterson's estimate of \$2.43 per Sq. Ft. for Utilities

FISCAL YEAR 1994 FOMA EXPENSES
 SPRINGFIELD, OHIO
 AS OF: 30 APR 95

<u>EEIC</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
47390	RENTAL OTHER EQUIPMENT ADT SECURITY RENTAL OF OXYGEN TANKS	6331.84
48010	PURCHASED UTILITIES/WATER	5779.87
48020	PURCHASED UTILITIES/ELECTRIC	349755.71
48040	PURCHASED UTILITIES/SEWAGE DISPOSAL	9492.98
531	CONTRACT CUSTODIAL SERVICES	46454.16
53320	REFUSE COLLECTION AND DISPOSAL	21232.67
53330	INSPECTION, CALIBRATION, TESTING CREEK ANALYSIS MEDICAL EQUIPMENT TESTING	1534.00
53340	TANK/TRAP/DUCT CLEANING	300.00
53350	ENTOMOLOGY PEST CONTROL	3937.15
53390	OTHER CONTRACT CE SERVICES FENCE REPAIR TOWER WINDOW CLEANING ELECTRICAL REPAIR INSTALL CARPET	3502.95
56990	MAINTENANCE OF OTHER EQUIPMENT HEATING AND AIR CONDITIONING BOILER REPAIR	15922.49
57030	JOINT USE SERVICE AGREEMENTS CITY OF SPRINGFIELD RENT	32990.04
61211	UTILITY FUELS-PROPANE	2388.96
61212	UTILITY FUELS-HEATING & POWER	81838.19
61990	NON AFSF SUPPLIES AND EQUIPMENT ELECTRICAL SUPPLIES PAINTING SUPPLIES HARDWARE SUPPLIES CLEANING SUPPLIES LOCKS PLUMBING SUPPLIES	83016.99
GRAND TOTAL		664478.00

5/24/95
3:46 PM

**Ohio Air National Guard
Springfield-Beckley MAP, Ohio**

<u>Springfield ANG Base, Utility Cost, FY 94 Actual</u>				
Heated Space			272100.0	SF
Electric Usage	4427000	KWH		\$ 349,756.00
Fuel Oil Consumption (61.6 - 63.5 cents/gal.)				\$ 81,838.00
Propane Usage				\$ 2,389.00
Water Cost (2522CCF)				\$ 5,780.00
Sewer Cost (2522CCF)				\$ 9,493.00
TOTAL				\$ 449,256.00
Annual average utility cost per S. F. =	\$ 449,256.00	=	\$ 1.65	Per S.F.
	272100.0			
Average cost per KWH =	\$ 349,756.00	=	\$ 0.08	Per KWH
	4427000			
Peak demand 18.36 per KVA				
Note: Peak demand is reset every month				

10 May, 95
UPDATED

**Estimated Annual Utility Costs for
Proposed Beddown of Air National Guard (ANG) Units**

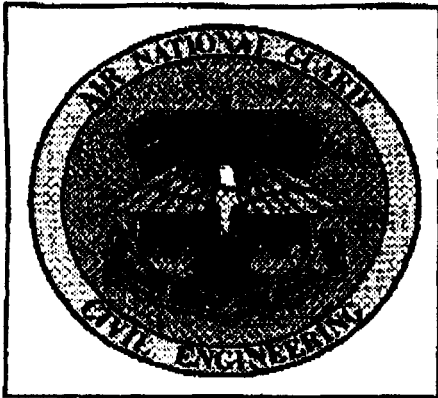
Electricity	\$261,961
Heat	288,420
Water	5,653
Sewage	<u>19,327</u>
Total	\$575,361

Notes:

$$\frac{\$ 575,361}{237,000 \text{ s.f.}} = \$ 2.43 \text{ per s.f.}$$

1. The electricity estimate includes metered five year average costs for four of the buildings to be offered to the ANG. The metered buildings are Bldgs 30091, 30101, 30103 and 30136, which comprise 75,316 square feet of approximately 237,000± square feet of facilities to be offered to the ANG.
2. Estimated costs for water and sewage are based on the estimated number of ANG people that would occupy the buildings.
3. Estimates for heat are based on a unit cost developed from actual cost data for base produced heat. The electricity unit cost of \$.04594/KWH used in this estimate includes what DP&L charges for electricity plus other costs related to operation and maintenance of the electrical distribution systems.

950.3505



178th Civil Engineering Squadron
120 "F" Avenue
Springfield-Beckley MAP, Ohio
45502-8783

Tel: (513) 327-2276 (D) 346-2276
Fax: (513) 327-2354 (D) 346-2354

FAX COVER SHEET

To: lt Col. Homer Smith

Company Name: 121 ARW

From: 178 Civil Engineering

Attn: Homer

Description: Continuing to work data
requested on vehicle maintenance.
will be early afternoon.

DO NOT TRANSMIT CLASSIFIED INFORMATION OVER UNSECURED TELECOMMUNICATIONS SYSTEMS. OFFICIAL DOD TELECOMMUNICATIONS SYSTEMS ARE SUBJECT TO MONITORING. USE OF OFFICIAL DOD TELECOMMUNICATIONS SYSTEMS CONSTITUTES CONSENT TO MONITORING

Number of pages (including cover): 5

Date sent: 17 May 95 Time sent: 10:56


If there are any problems receiving this transmission please call:
DSN- 3462276, Comm (513) 327-2276

2-Way Memo

Subject: *Utility Costs W.P. vs. Springfield*

To : *lt. Col Homer Smith*

INSTRUCTIONS	
Use routing symbols whenever possible.	
SENDER (Originator of message): Use brief, informal language. Conserve space. Forward original and one copy.	
RECEIVER (Replier to message): Reply below the message, keep one copy, return one copy.	

DATE OF MESSAGE <i>17 May 95</i>	ROUTING SYMBOL <i>CE</i>
SIGNATURE OF ORIGINATOR 	
TITLE OF ORIGINATOR <i>CE</i>	

FOLD

MESSAGE

FOLD

Homer, see attached utility costs worked up on 4 May 95. Also attached is the most recent data provided by Wright Patterson on 10 May, 95. BG Campbell has a copy of the 4 May, 95 costs.

REPLY

From :

DATE OF REPLY	ROUTING SYMBOL
SIGNATURE OF REPLIER	
TITLE OF REPLIER	

5027-108

OPTIONAL FORM 27 (Rev. 7-81)
GSA FPMR (41 CFR) 101-11.6
NSN 7540-00-002-2447

1. RETAINED BY ADDRESSEE

4 May 7, 95

SPRINGFIELD UTILITY COSTS, FY94 ACTUAL

HEATED SPACE..... 272100 S.F.

• Electric Usage (4427000 KWH).....	\$ 377325.	349,756
• Fuel Oil Consumption (61.5 - 63.5 cents gal).....	\$ 65027.	81,838.
• Propane Usage.....	\$ 1839.	2,389
• Water Cost (2522 CCF).....	\$ 5783.	5,780
• Sewer Cost (2522 CCF).....	\$ 9493.	9,493
• TOTAL UTILITY CONSUMPTION	\$ 459467.	449,926

449,256 1.65 SF
 * Annual Average utility cost per S.F. - ~~\$459467~~ = \$1.69 S.F.
 272100 S.F.

349,756 7.9
 Average cost per KWH - ~~\$377325~~ = 8.5 cents KWH
 4427000 KWH

Peak demand 18.36 per KVA

NOTE: Peak demand reset every month

Source - Utility bills and Energy Report Springfield ANG

*error in report. validated by acct. finance
 on 24 May 95 @ 1500 hr. / AM
 (see corrected ver.)*

4 MAY, 95

WRIGHT PATTERSON UTILITY COSTS, PROJECTED

HEATED SPACE237000 S.F.

- Electric \$ 257290
 - Heating\$ 288573
 - Water.....\$ 16621
 - Sewer\$ 56824
- \$ 619308**

★ Annual projected cost per S.F. = $\frac{\$619308}{237000 \text{ S.F.}}$ = \$2.61 S.F.

Source - W.P. Civil Engineering Estimated

10 May, 95
UPDATED

**Estimated Annual Utility Costs for
Proposed Reddown of Air National Guard (ANG) Units**

Electricity	\$261,961
Heat	288,420
Water	5,653
Sewage	<u>19,327</u>
Total	\$575,361

Notes:

$$\frac{\$575,361}{237,000 \text{ S.F.}} = \$2.43 \text{ per S.F.}$$

1. The electricity estimate includes metered five year average costs for four of the buildings to be offered to the ANG. The metered buildings are Bldgs 30091, 30101, 30103 and 30136, which comprise 75,316 square feet of approximately 237,000± square feet of facilities to be offered to the ANG.
2. Estimated costs for water and sewage are based on the estimated number of ANG people that would occupy the buildings.
3. Estimates for heat are based on a unit cost developed from actual cost data for base produced heat. The electricity unit cost of \$.04594/KWH used in this estimate includes what DP&L charges for electricity plus other costs related to operation and maintenance of the electrical distribution systems.

ENVIRONMENTAL CONCERNS



DEPARTMENT OF THE AIR FORCE

HEADQUARTERS, 88TH AIR BASE WING (AFMC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

13 APR 1995

MEMORANDUM FOR 178 FG/CEE

ATTENTION: Capt. Jim Singleton

FROM: 88 ABW/EME

SUBJECT: Issues Relating to Proposed BRAC Move of 178th Fighter Group to WPAFB

1. Issues that were raised at the 7 April 95 outbrief at Wright-Patterson AFB concerning the proposed BRAC move of the 178th Fighter Group to WPAFB have been evaluated by personnel from the base Office of Environmental Management. Those issues were as follows:

- a. Impact of the proposed move on local air quality.
- b. Lead-based paint and asbestos assessments for buildings proposed for occupancy by the 178th.
- c. Location of Installation Restoration Program (IRP) sites in relation to facilities proposed for occupancy by the 178th.

2. Air Quality- Data regarding the preliminary air emissions calculations were received at WPAFB on 11 April 95. Due to the high numbers revealed in this preliminary study, a detailed air conformity analysis will be performed by the contractor preparing the required NEPA documentation. The previously mentioned "condition red" has no regulatory bearing whatsoever.

3. Lead-based paint and asbestos assessment- Buildings 58, 259, and 268 were assessed for lead-based paint and asbestos containing materials. Results of samples collected revealed the following:

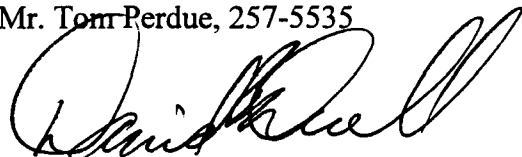
- a. Building 58- The areas above the ceilings contained large amounts of scattered asbestos containing materials (ACM). Prior to the ceilings in these areas being disturbed, contact the Asbestos Program Manager, Ms. Karen Thompson at 257-7152 for further information and assistance. Also, two lines that are approximately 130 linear feet have air cell insulation which are in bad condition. The paint within the facility is in good condition overall with approximately 10% of the ceiling paint in the bay area peeling. Prior to disturbance of the painted areas, contact the Lead-Based Paint Program Manager, Mr. Jim Richardson at 257-7152.

b. Building 259- The 8 X 10 pump pit is badly contaminated with ACM and entry to the area should be restricted. Some other rooms contain ACMs, including the locker room, 17, 7, recruiters office, center mechanical room, 80, and 28. Contact Ms. Thompson prior to any disturbance of these areas. Paint throughout the facility have painted surfaces in like new condition, however, the paint is lead containing. Contact Mr. Richardson if any of these areas are to be disturbed.

c. Building 268- The exterior has corrugated siding that contains probable ACM coating and this same siding is on the interior hangar area. Contact Ms. Thompson prior to any disturbance of the siding on the exterior and interior. All visible paints are in like new condition with the exception of the gray painted floors in several mechanical rooms which are in very bad condition. Also, paint is peeling from the deck above the suspended ceiling in the LGT area. Contact Mr. Richardson prior to distance of any of these areas.

4. IRP Sites- There are several IRP sites in the northeast portion of Area C; however, none of the buildings proposed for occupancy by the 178th lies within the delineated boundaries of any known IRP site at WPAFB. Building 95 lies within close proximity of an IRP site (See attached maps) and the site must be avoided when doing any building or excavation in the area, particularly to the northwest of building 95. Please contact Ms. Mary Seitz at 257-2201 for further information concerning construction or excavation around this site.

If you have any questions, our point of contact is Mr. Tom Perdue, 257-5535

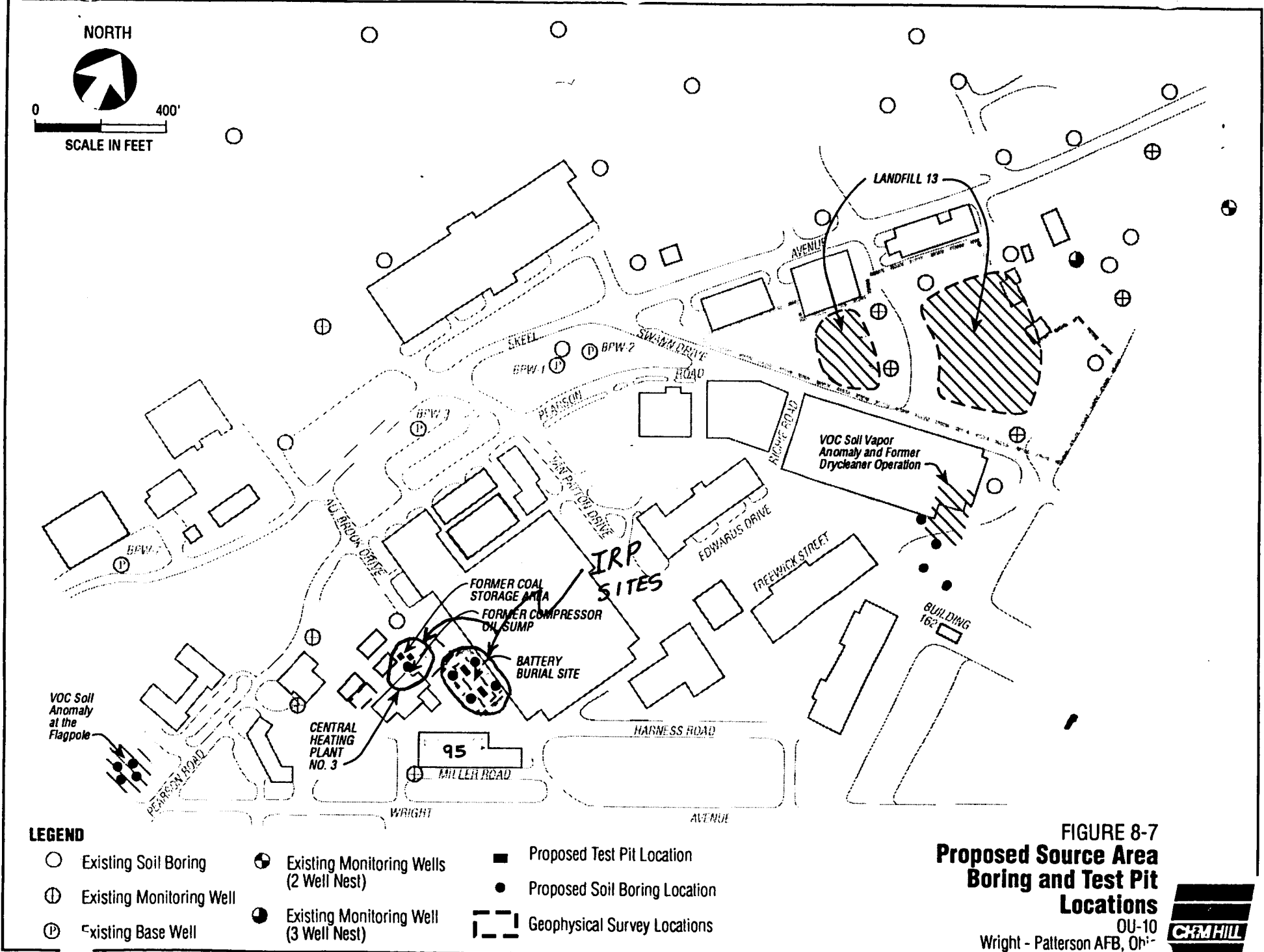


DAVID P. DUELL

Chief, Resource Protection Branch
Office of Environmental Management

Attachments:
IRP site maps

cc: Marlene Barkett
88 ABW/XPP



LEGEND

- | | | |
|----------------------------|---|---------------------------------|
| ○ Existing Soil Boring | ⊕ Existing Monitoring Wells (2 Well Nest) | ■ Proposed Test Pit Location |
| Ⓛ Existing Monitoring Well | ● Existing Monitoring Well (3 Well Nest) | ● Proposed Soil Boring Location |
| Ⓧ Existing Base Well | ⊖ Geophysical Survey Locations | |

FIGURE 8-7
Proposed Source Area
Boring and Test Pit
Locations

OU-10
 Wright - Patterson AFB, Ohio



AJUA - AIRPORT JOINT USE
AGREEMENT

(2) For the period October 1, 1993 through September 30, 1994 Thirty Two Thousand Nine Hundred Ninety Dollars (\$32,990.00), payable in equal monthly installments of Two Thousand Seven Hundred Forty Nine Dollars and Seventeen Cents (\$2,749.17) each due in advance on the first day of each month.

(3) For the period October 1, 1994 through September 30, 1995, an amount of Thirty Four Thousand Three Hundred Ten Dollars (\$34,310.00), payable in equal monthly installments of Two Thousand Eight Hundred Fifty Nine Dollars and Thirteen Cents (\$2,859.13) each due in advance on the first day of each month.

*(\$34,309.56) PER YR.
(-25% STATE SHARE.)*

(4) For the period October 1, 1995 through September 30, 1996, an amount of Thirty Five Thousand Six Hundred Eighty Dollars (\$35,680.00), payable in equal monthly installments of Two Thousand Nine Hundred Seventy Three Dollars and Fifty Three Cents (\$2,973.53) each due in advance on the first day of each month.

*(35,680 * .75 = 26,760.) ✓ HAS 24 MAY 95*

(5) For the period October 1, 1996 through September 30, 1997, an amount of Thirty Seven Thousand One Hundred Ten Dollars (\$37,110), payable in equal monthly installments of Three Thousand Ninety Two Dollars and Twenty Seven Cents (\$3,092.27) each due in advance on the first day of each month.

CONTROL TOWER COST
(PERSONNEL)

FIRE DEPARTMENT COST/ISSUES

178 FG. Fire Department
Ohio Air National Guard
1245 W. Elee Rd.
Springfield, Oh 45502 8731

05 APR 95

Subject: BRAC-95 Information

To: WPAFB Fire Department
Chief Wilcoxon

1. We are in the process of establishing a base line of available space and any associated costs necessary to accomplish the bed down of our unit at Wright Patterson Air Force Base.

2. Request your assistants in a few areas that are related to our UTA fire department and your fire department services.

- a. From you, I need a letter stating that you have or do not have 660 sq. ft. of dedicated and useable administrative and storage space available in your fire station for the 178th ANG Fire Department to occupy on a daily basis. This space needs to be in the same fire station that we would occupy on our UTA week ends.
- b. Will there be any associated cost for basic fire department services? (crash, structural response, fuel spills and/or haz-mat response, welding standbys, ICT's, engine tests)
- c. For the buildings that will be licensed to the National Guard, will your fire inspectors be providing the building fire inspections? If you would provided these services, will you be able to provide quarterly and semiannual inspections, or what frequency would you be able to provide? Will there be any associated costs for this service?
- d. Who will provide the maintenance and inspections of the fire alarms and detection systems in our licensed buildings? Are they tested and maintained in accordance with NFPA standards? If provided, will there be any associated cost for these services?
- e. Who will provide the maintenance and inspection of the fire suppression systems that are in our licensed buildings? Are they tested and maintained in accordance with NFPA standards? If provided, will there be a cost associated for these services?
- f. In the buildings that will be licensed to the National Guard, will the fire extinguishers be your property or ours? Who will be responsible for their inspection and service? If you provide the service on them will there be any associated cost?
- g. On the 150lb. flightline extinguishers that the National Guard will be using, will they be our assets or yours. Who will be responsible for their inspection and service? If you provide the service on them will there be any associated cost? Will these extinguishers be available for deployments if necessary?

- h. Will you service our mobility and/or vehicle fire extinguishers? Will there be any associated cost for this service?
 - i. Who will be responsible for issuing welding and confined space entry permits for the 178th FG operation?
 - j. Will you be providing our UTA personnel with fire extinguisher training? If you provide this service will there be any associated cost?
 - k. Will there be any associated cost for fuel or maintenance for the use of fire department vehicles on UTA week ends?
 - l. Will there be any associated maintenance costs for using your fire training pit?
 - m. Who will be reviewing and approving building plans for our licensed facilities? Will this be done by your operation or ours? If this service is provided, will there be any associated costs?
 - n. Will the 332's for our licensed buildings have to be routed through your operation? If so to who, and will there be any associated costs?
3. With the 178th FG Fighter Unit moving to WPAFB, will these additional operations require that you add any additional manpower to your Fire Department operations? If so, how many and to what positions?
4. I know that this is a short notice, but we need this information so that we can prepare accurate information for the BRAC-95 out brief at 0900 on Friday.
5. I would appreciate your response to the above questions in writing, if at all possible.
6. I appreciate all of the assistance that you have provided to me.

Norman J. Gilbert, CMS, OANG
Fire Chief

178th FG FIRE DEPARTMENT
OHIO AIR NATIONAL GUARD
1245 W. BLEE RD.
SPRINGFIELD, OHIO 45502-8731

11 Apr. 95

Subject: BRAC-95 Note:

To: CPT. Singleton

1. Part of the 178th Fire Department O&M annual operating cost includes the cost of an Administrative Assistant/Clerk (PCN # 2124) that works for the State at AGOH-SHRD. This person prepares and takes care of the Fire Fighter payroll and other fire related functions for Springfield-Beckley, Mansfield, Toledo, and Rickenbacker Air National Guard O&M Fire Departments. The cost of this person will have to be picked up by one of the other O&M fire Departments in the State.

The FY-95 cost for this person with benefits is approximately \$35,000.00

Was this figure included as part of the savings by the BRAC-95 closure commission?

2. Was the cost of severance pay and/or unemployment benefits for state employees included as part of the FY-97 costs or into the FY-98 savings?

NORMAN J. GILBERT, CMSgt, OANG
Fire Chief

12 May 1995

88 CEG/CECX
5151 Wright Avenue
Wright-Patterson AFB OH 45433-5339

178 FG Fire Department
Ohio Air National Guard
1245 W. Blee Road
Springfield, OH 45502-8731

Dear Chief Master Sergeant Gilbert

We have reviewed the letter that you sent to Chief Wilcoxon and offer the following information in response to the questions pertaining to the possible relocation of the 178th Air National Guard (178 ANG) Fire Department from Springfield to Wright-Patterson:

We will provide you with suitable facility space of approximately 660 square feet for use as administrative and storage space. The space provided will be at, or as close as possible, to the fire station that you would occupy on UTA weekends in order to preclude any impact to your mission.

With regard to basic fire protection services, any cost to the ANG would be included as part of Base Operating Support (BOS) costs that would be negotiated between the 88 Air Base Wing and the Ohio Adjutant General's office.

For those buildings that would be licensed to the ANG units, we believe it is reasonable to expect that the ANG fire protection specialists are qualified to perform fire inspections, including inspection of alarm and detection systems. The same would be true for any other fire protection support services (such as fire extinguisher training, for example) that your department currently provides. If for some reason you do not believe that you have adequate manning to provide these type of services, we could provide them and the cost would be incorporated in the Inter-Service Support Agreement.

Since the 178th Civil Engineer presumably has responsibility for maintenance and inspection of fire suppression systems at the Springfield location, we believe that same responsibility would continue for such systems in the licensed facilities proposed for use by the ANG at Wright-Patterson, and that these systems would be maintained to NFPA standards. The cost should be very similar to what it currently is at Springfield since the

proposed size and type of facilities at Wright-Patterson for nearly all of the 178, 251 and 269 ANG activities would be the same or slightly less than exist at Springfield.

Ownership and maintenance of fire extinguishers in the buildings, on the flightline or anywhere that is in direct support of the ANG mission should be the responsibility of your fire department, particularly for any fire extinguishers that the ANG would bring from Springfield to Wright-Patterson. If that is not possible, then costs for maintenance and service of these items would be included in the Support Agreement and they should be similar to that which the ANG is currently paying since the number of extinguishers, the ANG mission and related extinguisher requirements shouldn't be any different at Wright-Patterson.

Issuing welding and closed space permits at Wright-Patterson is currently a joint responsibility of our fire department, safety and the bioenvironmental offices. We feel that responsibility should remain with these offices and, if there would be any cost involved for providing this service to the ANG units it would be covered as a part of the BOS support costs.

Operation and maintenance costs for use of 88 CEG/CEF vehicles and fire training pit would have to be negotiated as part of the Support Agreement.

Any review, coordination or approval of building plans for buildings licensed to the ANG units need to be defined in the Support Agreement or in the licensing document. Any air base wing costs related to such activities would be included as part of the BOS cost to the ANG. The same would apply to any involvement that the 88th Civil Engineer Group might have with regard to involvement with 332's for ANG facilities.

We hope that the above information adequately answers all of your questions and concerns regarding the potential move of the ANG units from Springfield to Wright-Patterson. Should you require further details on the above or additional information please feel free to contact me at DSN 787-4804.

JAMES DAWSON
Program Manager

178th FG FIRE DEPARTMENT
OHIO AIR NATIONAL GUARD
1245 W. BLEE RD.
SPRINGFIELD, OHIO 45502-8731

13 May 95

Subject: Fire Protection

To: COL Meyer

Areas of Concern

As I presently understand, it is ANGRC policy not to posturing any traditional Guard Fire Protection personnel at Air National Guard Units that are on active Air Force Installations.

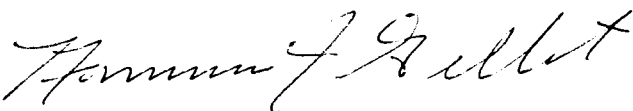
Air National Guard Flying Unit with out Fire Protection are assigned at the following Air Force Bases: Little Rock AFB, Andrews AFB, Dobbins AFB, Hickam AFB, McConnell AFB, New Orleans NAS, McGuire AFB, Kirtland AFB, Kelly AFB, Fairchild AFB.

With out assigned Fire Protection Personnel our unit will lack the necessary personnel to deploy to the field training sites at Gulfport, Alpen, Savanna, Volk Field. Additionally this could have an impact on our units ability to perform remote deployments. What affect will the lack of fire fighters have on our units ability to meet our war time commitment?

There is an over all projected reduction in Air National Guard Fire Protection, and the very strong possibility that our unit will become a follow on fire team of only 12 assigned fire fighters. With other ANG units reducing also, It will be hard for our unit to borrow fire protection personnel from other units, to meet our deployment needs.

Presently we provide a variety of services to Blue Ash ANG Base, some of which include periodic building and fire extinguisher inspections, fire extinguisher maintenance, review and approval of building plans, review of minor self help projects and assist with fire and life safety issues, mutual aid plans, building pre-fire plans. We provide the unit with fire extinguisher training. With our projected move to WPAFB, and if we do not have any fire protection personnel who will provide fire protection related services to our GSU (Blue Ash)?

In my letter to WPAFB requesting what fire related services there Fire Department would be providing to our unit, they indicated that they are expecting our unit to provide these services for the facilities that are licensed to the Air National Guard. If they are to provide these services there would be a cost attached to them in relationship to the services provided. They will provide emergency response to our aircraft and buildings.



NORMAN J. GILBERT, CMSgt, OANG
Fire Chief

**MANPOWER AUTHORIZATION
SAVINGS**

SPRINGFIELD TO WRIGHT PATTERSON AFB

- Congressman Hobson is making an issue of the proposed 22 manpower position savings as a result of the move from Springfield to Wright Patterson AFB
 - He feels the savings are as a result of force structure change, not as a result of a BRAC relocation
- **The savings are not force structure related**
 - The 35 baseline savings, by function, that ANGRC has identified are as listed
 - 17 Aircraft Security
 - 2 ~~Bio~~-environmental (CIVIL ENGINEERING)
 - 4 Civil Engineering
 - 4 Communications
 - 7 Air Traffic Control
 - 1 Crash, Fire, Rescue (Supervisor)
- However, as identified by AF/PEP, WPAFB requires the ANG to give them 6 BOS billets and 7 Security billets for a total of 13
 - 35 (ANG baseline) - 13 (AF/PEP identified) = 22 savings

fy 96 - Budget (Proposed)

SP. G.F. - Beckley MAP, Springfield, Ohio

FY: 96

Item	Current FY 95	FY Requested	96	Validated	Undeclared
TDY/Transportation (Describe details on continuation sheet)	580.00	2973.70			
TDY/Per Diem (Describe details on continuation sheet)	350.00	5156.00			
Training (Informal) (Describe details on continuation sheet)	5452.00	5590.00			
Propane (Fuel)	2400.00	3000.00			
Payroll (from Form 2b) (Salaries) (Benefits) (Total)	114074.00	891,593.00	311,649.00	1,203,243.00	
Medical: (Physicals) (Other Health Care - Immun)	8643.75	7200.00			
Laundry/Linen	1280.00	7680.00			
Station Clothing: (Initial) (Replacement) (Protective) (Total) Other Insurance	500.00 3968.00 7630.00 12098.00 684.00 6000.00	7400.00 13005.00 24405.00 1744.00 6000.00			
Fire Protection Worksheet	1,177,931.75	1,263,000.00			

* Note: If further detail is required under various categories, use plain bond continuation sheet

BASE FIRE CHIEF *Norman J. Gilbert*
 Norman J. Gilbert, Fire Chief
 FY-95 Est.

BASE FIRE MARSHAL

[Signature]

178th O&M FIRE FIGHTER COSTS
FY-96

Title	PCN#	Total Benefits Cost per Year	Total Wage Cost With Out Benefits	TOTAL
ST CHIEF	2100	15,400.27	44,055.57	59,455.84
	2108	15,582.73	44,570.20	60,152.93
	2123	15,474.58	43,504.17	58,978.75
Total:		46,457.58	132,129.94	178,587.52
FIGHTER	2103	11,580.59	33,104.50	44,685.17
	2104	11,338.12	32,453.44	43,791.55
	2105	11,750.09	33,933.76	45,683.85
	2106	11,959.15	34,265.39	46,224.54
	2107	11,338.12	32,453.44	43,791.55
	2112	12,080.94	34,563.81	46,644.75
	2113	11,486.06	32,877.29	44,363.34
	2114	11,769.87	33,688.18	45,458.05
	2115	11,715.79	33,559.76	45,275.55
	2117	11,486.06	32,877.29	44,363.35
	2120	11,338.11	32,453.44	43,791.55
	2121	11,540.81	33,308.80	44,849.65
	2122	11,486.06	32,877.29	44,363.35
Total:		150,869.77	432,416.39	583,286.25
TENANT	2102	12,750.73	36,483.38	49,234.10
	2109	12,645.52	36,230.05	48,875.57
	2111	12,871.92	36,831.65	49,703.57
	2116	12,966.45	37,081.75	50,048.15
	2118	12,750.73	36,483.38	49,234.10
	2119	12,966.47	37,081.68	50,048.15
Total:		76,951.82	220,191.89	297,143.64
CLERK	2124	9,720.53	27,744.79	37,465.32
Total:		9,720.53	27,744.79	37,465.32
ON CAPTAIN	2101	13,980.56	39,993.51	53,974.07
	2109	13,669.71	39,116.54	52,786.25
Total:		27,650.27	79,110.05	106,760.32
Total:		311,649.97	891,593.06	1,203,243.05

COVERS
ENTIRE STATE
F.F. PROGRAM -
IF STATE F.F. GOES
AWAY THIS POSITION
STILL REMAINS.

178th Fire Department
Ohio Air National Guard
1245 W. Blee Rd.
Springfield, OH 45502-8731

10 APR 85

Subject: FY-86 Budget Summary Sheet

This is a summary of the 178th Fire Departments estimated 1986 budget, covering both Federal and State O&M operations.

FEDERAL BUDGET

FY-86 Travel Costs:	1st	2nd	3rd	4th	Total
Military Travel		3859.	2526.	1602.	7,987.00
Technician Travel	1177.	729.	991.	2231.	5,126.00
				Sub TOTAL	\$ 13,113.00
FY-86 Federal Operating Budget:					
EEIC #					
56900				\$ 1,570.00	
56990				\$ 1,640.00	
569xx				\$ 500.00	
59200				\$ 125.00	
609xx				\$ 26,266.50	
619xx				\$ 950.00	
				Sub TOTAL	\$ 31,051.10
				Federal Total	\$ 44,164.10

STATE O&M BUDGET

FY-86 State estimated O&M Operating Budget:

EEIC #		
553	\$	900.00
553xx	\$	240.00
569xx	\$	200.00
572xx	\$	7,200.00
59250	\$	240.00
592xx	\$	7,140.00
609xx	\$	17,749.00
618xx	\$	7,200.00
619xx	\$	8,450.00
	Sub TOTAL	\$ 45,619.00

State O&M Travel Sub TOTAL \$ 3,138.00

FY-86 State O&M Salaries & Benefits:

Salary	\$	891,593.06
Benefits	\$	311,649.97
Total	Sub TOTAL	\$ 1,203,243.03

State O&M Total \$ 1,257,000.00

Norman J. Gilbert, CMS, OANG
Fire Chief

SECURITY COST/ISSUES

11 SECURITY SPECIALISTS (AGR)

<u>NAME</u>	<u>BASE PAY</u>	<u>BASIC ALL. QTRS.</u>	<u>BASIC ALL. SUB.</u>	<u>VAR. HOU. ALL.</u>	<u>EMPLOYER SHARE FICA</u>
MYERS, THOMAS A.	18,658.80	5,115.60	2,833.20	940.20	1,418.04
GREENE, GERALD E.	19,699.20	5,115.60	2,833.20	940.20	1,506.96
GREENE, RHONDA R.	15,264.00	3,106.80	2,833.20	527.28	1,167.60
REYNOLDS, BRIAN K.	19,699.20	5,115.60	2,833.20	940.20	1,506.96
RUBLE, DEAN L.	19,346.40	5,115.60	2,833.20	940.20	1,479.96
SKEETERS, KEVIN D.	19,699.20	3,571.20	2,833.20	656.40	1,506.96
AIPLE, JOHN A.	19,699.20	5,115.60	2,833.20	940.20	1,506.96
ANDERSON, RONALD E.	22,863.60	5,691.60	2,833.20	757.08	1,749.00
BENTLEY, SCOTT A.	21,474.00	5,691.60	2,833.20	757.08	1,642.68
STEWART, MICHAEL V.	18,658.80	-0- *	2,833.20	-0- *	1,427.28
COOPER, KENNETH M.	18,658.80	3,571.20	2,833.20	656.40	1,427.28
TOTALS -	213,721.20	47,210.40	31,165.20	8,055.24	16,339.68

GRAND TOTAL - 316,491.72

* = MEMBER RESIDING GOVERNMENT QUARTERS (WRIGHT-PATTERSON AFB)

1 SECURITY SPECIALIST (CIVIL SERVICE TECHNICIAN)

<u>NAME</u>	<u>ANNUAL SALARY</u>	<u>EMPLOYER SHARE FICA</u>	<u>CSR/FRS GOVT SHARE</u>	<u>TSP GOVT SHARE</u>	<u>HEALTH BEN. GOVT</u>
MCGILL, ROBERT T.	32,798.00	96.21	142.11/12.58	37.73	134.18

GRAND TOTAL - 33,220.81

TOTAL PAY & ALLOWANCES (AGR)/SALARY (CIV SER TECH) = 332,950.04
 TOTAL GOVT CONTRIBUTIONS (BENEFITS) = 16,762.49
 GRAND TOTAL = 349,712.53

OBLIGATION DATA

TITLE (1)	CFY (2)	FPY				TOTAL REQMT (6)
		BOGEY (TOTAL) (3)	BASE DISTRIBUTION (4)	UNFUNDED V FUNDED (5)		
CIVILIAN PAY	14,171.9		13,836.3		13,836.3	
TRANSPORTATION	35.6		21.6	8.4	30.0	
ADPE	102.5		97.0	147.4	244.4	
O&M AGREEMENT	2,177.7		2,200.2	196.4	2,396.6	
COMMUNICATIONS	89.1		78.3	6.9	85.2	
REAL PROPERTY MAINTENANCE	86.0				0.0	
SECURITY AGREEMENT	546.8		516.0	35.2	551.2	
RECRUITING/ADVERTISING	21.1		21.1	7.4	28.5	
OTHER CONTRACT SERVICES	329.0		272.1	206.6	478.7	
SUPPLIES	1,698.7		536.3	396.4	932.7	
EQUIPMENT			30.8		30.8	
MEDICAL	21.2		23.4	12.6	36.0	
DEPOT LEVEL REPARABLES	3,186.9		410.0	1,100.0	1,510.0	
TRAVEL - PER DIEM	141.8		132.1	170.9	303.0	
ENVIRONMENTAL SERVICES	14.0				0.0	
AVPOL	2,126.6				0.0	
TOTAL O & M DIRECT	24,748.8	18,175.2	18,175.2	2,288.2	20,463.4	
REIMBURSEMENTS						
TOTAL	24,748.8	18,175.2	18,175.2	2,288.2	20,463.4	

12/23/24
 40
 SUBTRACT
 117,292
 125,124 - 2,8015
 DIR 2,180.0
 16,761.9
 3A
 180K
 = 14.5K
 = 17,200
 = 200K
 = 100K
 = 100K
 2,300.5
 DIR
 TRAVEL
 UNFUNDED REQUIRMENT

39.30 +
 7.70 +
 37.00 +
 37.40 +
 40.50 +
 31.30 +
 10.20 +
 35.20 +
 42.90 +
 44.10 +
 53.10 +
 36.80 +

O & M SECURITY COOPERATIVE AGREEMENT (PEC 55296F)

FY: 96 FINPLAN ATTACHMENT

UNIT: 178 EG STATE: Ohio POSITIONS VALIDATED: 12

SALARIES 485.20 *

SHIFT DIFF. 8.30 +
HOLIDAY 25.50 +
OT 11.30 +
INSURANCE 8.50 +
Tdy 2.00 +
LUMP SUM 10.40
TOTAL 551.20 *
BOUNTY 516.00 -
UFR 35.20 *

	NUMBER	SALARY	BENEFITS	TOTAL COST	BLANK
Spec.	2026.0	\$29.5	\$10.3	\$39.8	
Spec.	2027.0	\$28.7	\$10.0	\$38.7	
Spec.	2024.0	\$25.4	\$8.9	\$34.3	NON-VALIDATED POSITION
Spec.	2025.0	\$27.4	\$9.6	\$37.0	
Spec.	2021.0	\$27.7	\$9.7	\$37.4	
Spec.	2028.0	\$30.0	\$10.5	\$40.5	
Spec.	2022.0	\$29.3	\$10.2	\$39.5	
Security Officer Spec.	2017.0	\$29.8	\$10.4	\$40.2	
Security Officer Spec.	2023.1	\$26.1	\$9.1	\$35.2	
Sec. Officer Spec. Supv.	2023.2	\$31.8	\$11.1	\$42.9	

SECURITY POLICE MANAGER: Thomas Schliep
 (Signature)

FINANCIAL MANAGER: Frank L. Oehl
 (Signature)

LUMP SUM - ONE TIME COST: (SEVERANCE) | 551.20 - 10 = 541.20

O & M SECURITY COOPERATIVE AGREEMENT (PEC 55296F)

FY: 96 FINPLAN ATTACHMENT

UNIT: 178 FG STATE: Ohio POSITIONS VALIDATED: 12

JOB/TITLE	NUMBER	SALARY	BENEFITS	TOTAL COST	BLANK
Security Officer Spec.	2026.0	\$29.5	\$10.3	\$39.8	
Security Officer Spec.	2027.0	\$28.7	\$10.0	\$38.7	
Security Officer Spec.	2024.0	\$25.4	\$ 8.9	\$34.3	NON-VA IDATED POSITION #28
Security Officer Spec.	2025.0	\$27.4	\$ 9.6	\$37.0	
Security Officer Spec.	2021.0	\$27.7	\$ 9.7	\$37.4	
Security Officer Spec.	2028.0	\$30.0	\$10.5	\$40.5	
Security Officer Spec.	2022.0	\$29.3	\$10.2	\$39.5	
Security Officer Spec.	2017.0	\$29.8	\$10.4	\$40.2	
Security Officer Spec.	2023.1	\$26.1	\$ 9.1	\$35.2	
Sec. Officer Spec. Supv.	2023.2	\$31.8	\$11.1	\$42.9	

SECURITY POLICE MANAGER: Thomas Schlipf
(Signature)

FINANCIAL MANAGER: Frank P. Oehl
(Signature)

O & M SECURITY COOPERATIVE AGREEMENT (PEC 55296F)

FY: 96 FINPLAN ATTACHMENT

UNIT: 178 FG STATE: Ohio POSITIONS VALIDATED: 12

JOB/ TITLE	NUMBER	SALARY	BENEFITS	TOTAL COST	BLANK
Sec. Officer Spec. Supv.	2023.0	\$32.7	\$11.4	\$44.1	
Security Officer Manager	2026.1	\$39.4	\$13.7	\$53.1	
Clerk 3	2026.2	\$27.3	\$ 9.5	\$36.8	
Shift Differential				\$ 8.3	
Holiday Pay				\$25.5	
Overtime Pay				\$11.3	
Insurance				\$ 8.5	
Civilian TDY				\$ 2.0	
Lump Sum Retirement				\$10.4	
SALARIES & BENEFITS TOTAL				\$551.2	

SECURITY POLICE MANAGER:

Thomas Schliep
(Signature)

FINANCIAL MANAGER:

Frank R. Owen
(Signature)

FULL-TIME MANNING ANALYSIS

DATE 17 MAR 95

<u>GROUP</u>	<u>AUTH</u>	<u>90%</u>	<u>ASGN</u>	<u>T-P</u>	<u>T-T</u>	<u>A-P</u>	<u>A-T</u>
FIGHTER	4	4	6	4	2	0	0
FINANCE	11	10	9	5	0	4	0
GP-TOTAL	15	14	15	9	2	4	0
OPERATIONS	19	17	19	12	2	4	1
TITLE 5	9	8	9	9	0	0	0
GP-TOTAL	28	25	28	21	2	4	1
SUPPORT	3	3	2	1	0	1	0
CES	10	9	9	5	2	2	0
CF	14	13	11	11	0	0	0
MEDS	5	5	3	3	0	0	0
MPF	16	14	14	5	0	9	0
MSF	3	3	2	0	0	2	0
SPS	12	11	12	1	0	11	0
SVF	1	1	2	1	1	0	0
GP-TOTAL	64	58	55	27	3	25	0
LOGISTICS	9	8	7	4	0	3	0
LS	49	44	44	35	3	6	0
MXS	161	145	145 144	129	8 7	8	0
GP-TOTAL	219	197	196	168	11	17	0
178TH-TOTAL	326	293	294	225	18	50	1
251ST	13	12	13	12	0	1	0
269	20	18	20	14	1	4	1
GP-TOTAL	33	30	33	26	1	5	1
BLUE ASH	45	41	39 40	32	4 5	3	0

GRAND-TOTAL	404	364	366	283	23	58	2

STATE HQS EMPLOYMENT AUTHORIZATIONS

DATE: 04 JAN 95

<u>UNITS</u>	<u>TOTAL</u>	<u>TECH</u>	<u>AGR</u>
FIGHTER GP	291	240	51
251 CCG	13	10	3
269 CCS	20	18	2
BLUE ASH	45	42	3

GRAND-TOTAL	369	310	59

 PROVIDED BY:
 178 MPF/DPC

**FY 96 Civilian Pay FinPlan Worksheet
Direct Funding Projection**

H3		DIRECT FINPLAN FUNDING COMPUTATIONS			
Total Regular Hours		256,245			
Divided by		2,080			
Equals - Manyears Consumed		123.19			
Adjusted Compensation		5,445,236			
Divided by Manyears Consumed		123.19			
Equals Average Manyear Cost		44,202			
Estimated Employee		AREA 1	AREA 2	AREA 3	TOTALS
Breakdown	GS	106.47	15.49	0.00	121.96
	WG	159.71	20.33	0.00	180.04
	Totals	266.18	35.82	0.00	302.00
GS Cost (Avg * # of Emp)		4,706,187	684,689	0	5,390,876
	FY 94 Raise %	3.77%	4.22%	0.00%	
	Weeks Remaining	0	0	0	
	FY 94 Raise Factor	0.0000%	0.0000%	0.0000%	
	Cost of FY 94 Raise	0	0	0	0
GS Cost with FY 94 Raise		4,706,187	684,689	0	5,390,876
	FY 95 Raise %	3.09%	3.40%	0.00%	
	Weeks Remaining	45	45	0	
	FY 95 Raise Factor	2.6740%	2.9423%	0.0000%	
	Cost of FY 95 Raise	125,843	20,146	0	145,989
GS Cost with FY 95 Raise		4,832,030	704,835	0	5,536,865
WG Cost (Avg * # of Emp)		7,059,501	898,627	0	7,958,128
	FY 94 Raise %	4.00%	5.00%	0.00%	
	Weeks Remaining	2	3	0	
	FY 94 Raise Factor	0.1538%	0.2885%	0.0000%	
	Cost of FY 94 Raise	10,858	2,593	0	13,451
WG Cost with FY 94 Raise		7,070,359	901,220	0	7,971,579
	FY 95 Raise %	4.00%	5.00%	0.00%	
	Weeks Remaining	52	52	0	
	FY 95 Raise Factor	4.0000%	5.0000%	0.0000%	
	Cost of FY 95 Raise	282,814	45,061	0	327,875
WG Cost with FY 95 Raise		7,353,173	946,281	0	8,299,454
GS Cost with FY 95 Raise		4,832,030	704,835	0	5,536,865
WG Cost with FY 95 Raise		7,353,173	946,281	0	8,299,454
FY 96 CivPay FinPlan Funding		12,185,203	1,651,116	0	13,836,319
				H3	\$13,836.3

FY 96 Civilian Pay FinPlan Worksheet
 Computation Information
 Using EOM Feb 95 1092

		Input in shaded areas only!						
		Use EOM Feb 95 1092						
ASN = H3		Only include Reimbursable information if shown on your FC 58 1092 Report.						
Step x:	Compensation				Direct	Reimbursable		
	Total Compensation:				\$5,446,236	\$0		
	Minus - Cash Awards:				\$1,000	\$0		
	Minus - Suggestion Awards:				\$0	\$0		
	Minus - SES Awards & Bonuses:				\$0	\$0		
	Minus - Performance Awards:				\$0	\$0		
	Minus - Severance Pay:				\$0	\$0		
	Equals - Adjusted Compensation:				\$5,445,236	\$0		
Step x:	Hours Used				Direct	Reimbursable		
	Regular Hours - Permanent:				239,457	0		
	Regular Hours - Temporary:				16,788	0		
	Regular Hours - Part Time:				0	0		
	Regular Hours - Intermittent:				0	0		
	Equals - Total Regular Hours:				256,245	0		
Step x:	Direct Employee Information by AREA							
		Area 1	Area 2	Area 3	Totals			
	# of Employees Paid:	275	37	0	312			
	# of GS	110	16	0	126			
	# of WG	165	21	0	186	312		
	% by Area	88.141%	11.859%	0.000%	100.000%			
	GS %	35.256%	5.128%	0.000%	40.384%			
	WG %	52.885%	6.731%	0.000%	59.616%	100.000%		
	FY 96 Authorized Workyears for Computation Purposes:						302.00	
	NOTE: This # is for FinPlan purposes only. It is subject to change. Your actual funding will be computed on the workyears authorized by ANGRC/XP. Actual workyears will not be known until the FY 96 budget has been signed.							
Step x:	Direct Employee Raise Information							
	FY 94	Area 1	Area 2	Area 3				
	GS Eff Date	9-Jan-94	9-Jan-94	N/A	Input as: Day/Month/Year			
	%	3.77%	4.22%	0.00%	Input as: .0264			
	Weeks Remaining	0	0	0	See sheet named Weekly			
	WG Eff Date	3-Mar-95	2-Mar-95	N/A	Input as: Day/Month/Year			
	%	4.00%	5.00%	0.00%	Input as: .0264			
	Weeks Remaining	2	3	0	See sheet named Weekly			
	FY 95	Area 1	Area 2	Area 3				
	GS Eff Date	8-Jan-95	8-Jan-95	N/A	Input as: Day/Month/Year			
	%	3.09%	3.40%	0.00%	Input as: .0264			
	Weeks Remaining	45	45	0	See sheet named Weekly			
	WG Eff Date	2-Mar-95	2-Apr-95	N/A	Input as: Day/Month/Year			
	%	4.00%	5.00%	0.00%	Input as: .0264			
	Weeks Remaining	52	52	0	See sheet named Weekly			
	FY 96 GS raise will be factored in by ANGRC/FMB. Notify ANGRC/FMB when FY 96 WG raise is known.							

FY 96 Civilian Pay FinPlan Worksheet
 Computation Information
 Using EOM Feb 95 1092

Use this section only if you would like to project your Reimbursable Employee Cost.						
Step x:	Reimbursable Employee Information by AREA					
		Area 1	Area 2	Area 3	Totals	
	# of Employees Paid:	0	0	0	0	0
	# of GS	0	0	0	0	0
	# of WG	0	0	0	0	0
	% by Area	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	GS %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	WG %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	FY 96 Authorized Workyears for Computation Purposes:	0.00				
	NOTE: This # is for FinPlan purposes only. It is subject to change. Your actual funding will be computed on the workyears authorized by ANGR/XP. Actual workyears will not be known until the FY 96 budget has been signed.					
Step x:	Reimbursable Employee Raise Information					
	FY 94	Area 1	Area 2	Area 3		
	GS	Eff Date	N/A	N/A	N/A	Input as: Day/Month/Year
		%	0.00%	0.00%	0.00%	Input as: .0264
	Weeks Remaining		0	0	0	See sheet named Weekly
	WG	Eff Date	N/A	N/A	N/A	Input as: Day/Month/Year
		%	0.000%	0.000%	0.000%	Input as: .0264
	Weeks Remaining		0	0	0	See sheet named Weekly
	FY 95	Area 1	Area 2	Area 3		
	GS	Eff Date	N/A	N/A	N/A	Input as: Day/Month/Year
		%	0.00%	0.00%	0.00%	Input as: .0264
	Weeks Remaining		45	0	0	See sheet named Weekly
	WG	Eff Date	N/A	N/A	N/A	Input as: Day/Month/Year
		%	0.000%	0.000%	0.000%	Input as: .0264
	Weeks Remaining		0	0	0	See sheet named Weekly
	FY 96 GS raise will be factored in by ANGR/FMB. Notify ANGR/FMB when FY 96 WG raise is known.					

RPMA/HOUSING ALLOWANCE
ISSUES

RPMA/HOUSING ALLOWANCE

*** The average RPM expense at Springfield for the last three (3) fiscal years is \$217.1K. This number is high because of the FY93 conversion cost from A-7D aircraft to the F-16C/D aircraft. Much of the FY93 money was redirected by the FMB to meet mission needs versus normal funding.**

The average RPMA funding is \$133.5K for the last three (3) fiscal years.

***The COBRA report shows a savings/cost for housing. In the Springfield/WPAFB issue this should be no savings or cost adjustment. Attached are the listings for housing which show that some personnel already use base housing at WPAFB. There should be no significant change except for increases at WPAFB if military personnel are added. This would be an increase in operating cost for the move but it is not significant in the general scheme.**

RPM -

FY10 CONVERSION YRS.

	<u>FY 95</u>	<u>94</u>	<u>93</u>
RECEIVED FUNDING	86 K	243.1 K	71.3
EXPS	86 K	117.8 K	447.5 K

House Allow -

BAQ \$299,462.40

VHA \$ 56,769.24

(PER DODFM) E-7 & ABOVE DO NOT HAVE TO STAY ON
30205. BASE & BASE OR INSTALLATION
COMMANDER ASSIGNS & TERMINATES QUARTER ETC.

BY: 178 FG/FM

CAPT. KOEHLER

25 MAY 95

RPM	FY 94	Doc #2	DATE
213.6	20	5	SEP 94 - 1
<213.6>	19	3	SEP 94 (WAAK 922000)
13.6	16	2	AUG 94
<24.0>	14	1	JUL 94
200.0	6	1	MAR 94 (WAAR 922000)
39.0	5	2	FEB 94 (EUBC 922002/932001)
<u>14.5</u>	1	1	DEC
243.1			

(EXPS) 117.8K (MICROBAS 30 SEP 94) FY 94

FY 93	#	DATE
54.3	16	2 JUL 93 (JKS 902014/922007/922024)
7.6	14	14 JUN (922003)
9.4	9	1 MAR (932534) UST TESTING
<u>71.3</u>		

(EXPS) \$447,459.94

<71,300> RPM RECEIVED

376,159

VHA

BAQ

MPF J4 AGR LIST

NAME		CIV-GR	AD-STAT	TAFMSD	PL-ORD-AD	START-DT	STDF-DT	AMN-F	
RES ROBERT L	1,831.92	GS 09	EB	6,621.20	1225	WAAK	860316	000315	82011
RIEPLER JOHN A	940.20	GS 06	ES	5,115.60	0416	WAAR	900916	950915	82011
RIETZ DARLENE L	757.08	GS 06	EL	5,691.60	0319	FDHU	870615	950614	79103
ROBERTSON RONALD E	757.08	GS 06	EL	5,691.60	0115	WAAR	900916	950915	79031
ROBERTSON SCOTT A	959.76	GS 09	E7	4,276.80	0111	FCHZ	840611	000108	81033
ROBERTSON STEPHEN	1,831.92	GS 09	EB	6,621.20	0916	XGAG	810105	960304	79030
ROBERTSON RICHARD L	940.20	GS 05	ES	5,115.60	0103	ANRW	870803	950802	82080
ROBERTSON WALTER R	1,305.24	GS 11	03	7,009.20	0416	UDET	910819	960818	79040
ROBERTSON SCOTT A	940.20	GS 06	EL	5,691.60	0107	WAAR	900916	950915	86042
ROBERTSON EUGENE W	1,459.44	GM 13	05	9,608.40	0121	WAAK	801105	951104	69052
ROBERTSON LARRY D	757.08	WG 10	EL	5,691.60	0520	WAAK	801110	960604	79060
ROBERTSON SANDRA I	940.20	GS 05	ES	5,115.60	0113	WAAK	840116	790818	74081
ROBERTSON SANFORD A	BLUE ASH ANG	GS 07	—	0	751030	HHUM	831201	951030	78081
ROBERTSON KENNETH M	940.20	GS 05	ES	5,115.60	0201	EFGV	941201	991130	89091
ROBERTSON JEFFERY	757.08	GS 06	EL	5,691.60	0323	WAAK	000000	000000	85070
ROBERTSON RONALD E I	940.20	GS 05	ES	5,115.60	0807	WAAK			81
ROBERTSON RICHARD C II	1,381.56	GS 07	E7	6,156.00	020824	WAAK			42
ROBERTSON SHAWN A	757.08	WG 10	EL	5,691.60	01013	WAAK			40
ROBERTSON RUTHANNA M	940.20	GS 05	ES	5,115.60	020924	WAAK			82
ROBERTSON RICHARD T JR	1,384.44	GS 09	EB	5,011.20	01109	WAAK			20
ROBERTSON DAVID M	1,381.56	GS 07	E7	6,156.00	01008	WAAK			82
ROBERTSON JOI C	1,381.56	GS 07	E7	6,156.00	030908	WAAK			71
ROBERTSON ROBERT E	1,381.56	GS 09	E7	6,156.00	01204	WAAK			80
ROBERTSON CATHLEEN A	515.28	GS 05	EL	3,873.60	040424	WAAK			22
ROBERTSON GERALD E	940.20	GS 05	ES	5,115.60	0891022	WAAK			10
ROBERTSON RHONDA R	527.28	GS 05	E4	3,106.80	010205	WAAK			32
ROBERTSON PEGGY L	757.08	GS 06	EL	5,691.60	0890801	WAAK			72
ROBERTSON DANA E	WPAFB -0-	GS 06	—	0	900202	WAAK			82
ROBERTSON JOHN T	1,831.92	GS 09	EB	6,621.20	010117	WAAK			21
ROBERTSON STEVEN V	1,381.56	GS 07	E7	6,156.00	091226	WAAK			21
ROBERTSON JUDY L	1,381.56	GS 07	EB	6,156.00	0790309	WAAK			50
ROBERTSON DIANE E	757.08	GS 06	EL	5,691.60	0861112	WAAK			92
ROBERTSON JERRELL H	757.08	WG 10	EL	5,691.60	0820120	WAAK			00
ROBERTSON DEBORAH A	757.08	GS 07	EL	5,691.60	0860319	WAAK			021
ROBERTSON JEANNETTE A	1,381.56	GS 05	E7	6,156.00	0920804	WAAK			082
ROBERTSON WILLIAM E JR	757.08	WG 10	EL	5,691.60	0790814	WAAK			092
ROBERTSON LAURA R	1,381.56	GS 08	E7	6,156.00	0870101	WAAK			101
ROBERTSON JONATHAN III	1,831.92	GS 09	EB	6,621.20	011105	WAAK			100
ROBERTSON LAWRENCE M	BLUE ASH ANG	GS 07	—	D	810511	WAAK			091
ROBERTSON CHRISTOPHER	1,381.56	GS 07	E7	6,156.00	0880330	WAAK			042
ROBERTSON LAURA L	940.20	GS 05	ES	5,115.60	0800908	WAAK			071
ROBERTSON THOMAS A	940.20	GS 06	ES	5,115.60	0910125	WAAK			110
ROBERTSON KIMBERLY L	940.20	GS 05	ES	5,115.60	010218	WAAK			011
ROBERTSON MICHAEL E	1,381.56	GS 07	E7	6,156.00	0810116	WAAK			090
ROBERTSON CHARLES K	WPAFB -0-	GS 08	—	D	830106	MDRN	840109	990621	710621
ROBERTSON ALLEN F	940.20	GS 05	ES	5,115.60	0851011	WAAR	940901	990831	92090
ROBERTSON BRIAN K	940.20	GS 05	ES	5,115.60	030308	JSST	940501	990125	800125
ROBERTSON DEAN L	940.20	GS 05	ES	5,115.60	030625	RRFG	940501	961014	810609
ROBERTSON DONALD A	1,305.24	GS 11	03	7,009.20	0861103	GBTD	930601	980531	820221
ROBERTSON KEVIN D	940.20	GS 05	ES	5,115.60	0840613	WAAR	940501	990430	78073
ROBERTSON WESLEY A	757.08	GS 06	EL	5,691.60	0860111	WAAK	870101	961231	780629
ROBERTSON MARK L	1,459.44	GS 12	05	9,608.40	0860925	GJHZ	880117	960515	720317
ROBERTSON ROBERT J	757.08	WG 10	EL	5,691.60	0770524	GJHZ	810401	960927	740928
ROBERTSON ROBERT T	757.08	WG 10	EL	5,691.60	0790921	WAAK	801124	961012	681017
ROBERTSON EDWARD J	RETIRE -0-	GS 09	—	0	730708	FCHZ	801215	950531	780601
ROBERTSON KENNETH W	BLUE ASH ANG	WS 10	—	D	821128	BVGM	850109	970802	700928
ROBERTSON STEPHEN E	1,824.60	GS 09	E9	5,157.60	0821116	WAAK	840103	960329	700330

TOTAL
 BAQ - \$ 299,462.40
 VHA - \$ 56,769.24
 356,231.64

The 1995 Air Force Times pay chart

This chart shows the monthly pay rates approved by Congress for 1995, effective Jan. 1. Service members will get a 2.6 percent raise in their basic pay, basic allowance for quarters and basic allowance for subsistence.

Years of service

	<2	2	3	4	6	8	10	12	14	16	18	20	22	24	26
Commissioned officers															
O-10	6978.30	7223.70	7223.70	7223.70	7223.70	7501.20	7501.20	7916.70	7916.70	8482.80	8482.80	9051.00	9051.00	9051.00	9614.70
O-9	6184.50	6346.50	6481.80	6481.80	6481.80	6646.50	6646.50	6923.10	6923.10	7501.20	7501.20	7916.70	7916.70	7916.70	8482.80
O-8	5601.60	5769.60	5906.40	5906.40	5906.40	6346.50	6346.50	6646.50	6646.50	6923.10	7223.70	7501.20	7686.00	7686.00	7686.00
O-7	4654.50	4971.00	4971.00	4971.00	5193.90	5193.90	5494.80	5494.80	5769.60	6346.50	6783.00	6783.00	6783.00	6783.00	6783.00
O-6	3449.70	3790.20	4038.60	4038.60	4038.60	4038.60	4038.60	4176.00	4836.30	5082.90	5193.90	5494.80	5680.80	5959.50	5959.50
O-5	2759.10	3239.70	3463.80	3463.80	3463.80	3463.80	3568.50	3760.80	4012.80	4313.10	4560.00	4698.60	4862.70	4862.70	4862.70
O-4	2325.60	2832.00	3021.00	3021.00	3077.10	3212.70	3432.00	3624.90	3790.20	3956.70	4065.60	4065.60	4065.60	4065.60	4065.60
O-3	2161.20	2416.50	2583.30	2858.10	2994.90	3102.30	3270.30	3432.00	3516.30	3516.30	3516.30	3516.30	3516.30	3516.30	3516.30
O-2	1884.60	2058.00	2472.90	2556.00	2608.80	2608.80	2608.80	2608.80	2608.80	2608.80	2608.80	2608.80	2608.80	2608.80	2608.80
O-1	1636.20	1703.10	2058.00	2058.00	2058.00	2058.00	2058.00	2058.00	2058.00	2058.00	2058.00	2058.00	2058.00	2058.00	2058.00

Officers with more than 4 years' active duty as enlisted or warrant officer															
O-3E	0.00	0.00	0.00	2858.10	2994.90	3102.30	3270.30	3432.00	3568.50	3568.50	3568.50	3568.50	3568.50	3568.50	3568.50
O-2E	0.00	0.00	0.00	2556.00	2608.80	2691.60	2832.00	2940.60	3021.00	3021.00	3021.00	3021.00	3021.00	3021.00	3021.00
O-1E	0.00	0.00	0.00	2058.00	2199.00	2280.00	2362.50	2444.40	2556.00	2556.00	2556.00	2556.00	2556.00	2556.00	2556.00

Warrant officers (For Army, Navy and Marine Corps)															
W-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3757.80	3900.30	4013.10	4182.00
W-4	2202.00	2362.50	2362.50	2416.50	2526.30	2637.60	2748.30	2940.60	3077.10	3185.10	3270.30	3375.90	3489.00	3597.60	3760.80
W-3	2001.30	2170.80	2170.80	2199.00	2224.50	2387.40	2526.30	2608.80	2691.60	2772.00	2858.10	2969.70	3077.10	3077.10	3185.10
W-2	1752.90	1896.30	1896.30	1951.50	2058.00	2170.80	2253.30	2335.80	2416.50	2501.40	2583.30	2664.60	2772.00	2772.00	2772.00
W-1	1460.10	1674.30	1674.30	1814.10	1896.30	1977.60	2058.00	2143.20	2224.50	2307.30	2387.40	2472.90	2472.90	2472.90	2472.90

Enlisted members															
E-9	0.00	0.00	0.00	0.00	0.00	0.00	2561.70	2619.00	2678.40	2739.90	2801.40	2855.70	3005.40	3122.40	3297.90
E-8	0.00	0.00	0.00	0.00	0.00	2148.00	2209.80	2268.00	2326.80	2388.30	2442.90	2502.90	2649.90	2768.10	2945.10
E-7	1499.70	1619.10	1678.80	1737.90	1797.00	1854.30	1913.70	1973.40	2062.50	2121.00	2179.80	2208.30	2356.50	2473.80	2649.90
E-6	1290.30	1406.40	1464.90	1527.30	1584.60	1641.60	1701.90	1789.50	1845.60	1905.30	1934.10	1934.10	1934.10	1934.10	1934.10
E-5	1132.20	1232.40	1292.40	1348.50	1437.30	1495.80	1554.90	1612.20	1641.60	1641.60	1641.60	1641.60	1641.60	1641.60	1641.60
E-4	1056.00	1115.40	1181.10	1272.00	1322.40	1322.40	1322.40	1322.40	1322.40	1322.40	1322.40	1322.40	1322.40	1322.40	1322.40
E-3	995.10	1049.70	1091.40	1134.60	1134.60	1134.60	1134.60	1134.60	1134.60	1134.60	1134.60	1134.60	1134.60	1134.60	1134.60
E-2	957.60	957.60	957.60	957.60	957.60	957.60	957.60	957.60	957.60	957.60	957.60	957.60	957.60	957.60	957.60
E-1	854.40	854.40	854.40	854.40	854.40	854.40	854.40	854.40	854.40	854.40	854.40	854.40	854.40	854.40	854.40

-i with less than 4 months —\$790.20
 ote: Basic pay is limited to \$9,016.80 per month by level V of the executive pay schedule.

Basic allowance for quarters			
	Dependents		
	Without	Partial	With
O-10	749.40	50.70	922.50
O-9	749.40	50.70	922.50
O-8	749.40	50.70	922.50
O-7	749.40	50.70	922.50
O-6	687.60	39.60	830.70
O-5	662.10	33.00	800.70
O-4	613.80	26.70	705.90
O-3	492.00	22.20	584.10
O-2	390.00	17.70	498.90
O-1	328.50	13.20	445.80
O3E	531.00	22.20	627.60
O2E	451.50	17.70	566.40
O1E	388.20	13.20	523.20
W-5	623.40	25.20	681.30
W-4	553.80	25.20	624.60
W-3	465.30	20.70	572.40
W-2	413.10	15.90	526.50
W-1	345.90	13.80	455.40
E-9	454.80	18.60	599.40
E-8	417.60	15.90	552.60
E-7	356.40	12.00	513.00
E-6	322.80	9.90	474.30
E-5	297.60	8.70	426.30
E-4	258.90	8.10	370.80
E-3	254.10	7.80	345.00
E-2	206.40	7.20	328.50
E-1	183.90	6.90	328.50

Basic allowance for subsistence		
Officers (including commissioned officers, warrants and aviation cadets)	\$146.16 a month	
Enlisted (daily) Rations in kind not available	<4 mos. \$7.26	Others \$7.87
On leave or granted permission to mess separately	\$6.44	\$6.98
Emergency conditions where no government messing is available	\$9.63	\$10.42

ATPCO/Scott McLallen and Bea Whitmore

FY 95

INCLUDES: FY=5 FC=58 OAC=41

EXCLUDES: CSN=A

ERIC	TITLE	ANNUAL	QUARTER	COMMIT	GROSS	UNCOMM
					OBLIG	QTR
405	TDY - NON-ASIF ADM	0.00	0.00	0.00	57.00	-57.00
406	TDY - PER DIEM ADM	0.00	0.00	0.00	52.92	-52.92
408	TDY - NON-ASIF MSN	0.00	0.00	0.00	19.80	-19.80
409	TDY - PER DIEM MSN	4,880.00	4,880.00	0.00	1,771.23	3,108.77
47140	REC LEASED SPACE	1,000.00	1,000.00	175.00	445.00	380.00
59230	REC OUT-POCKET EXP	200.00	0.00	0.00	0.00	0.00
59232	REC MEP'S MEALS	400.00	200.00	81.28	118.72	0.00
59290	OTHER CONTRACT SVFS (MISC)	200.00	0.00	0.00	0.00	0.00
609	GEN SUPPORT SUPPLIES AFSF	204.00	204.00	0.00	203.07	0.93
DIRECT - RCCC 064991 178 RECRUITING		6,884.00	6,284.00	256.28	2,667.74	3,359.98
409	TDY - PER DIEM MSN	1,500.00	1,500.00	0.00	599.50	900.50
495	OFFICIAL TOLLS & SIM CHGS	400.00	100.00	0.00	0.00	100.00
59230	REC OUT-POCKET EXP	300.00	0.00	0.00	0.00	0.00
59232	REC MEP'S MEALS	700.00	700.00	68.25	83.75	548.00
59233		0.00	0.00	0.00	148.00	-148.00
609	GEN SUPPORT SUPPLIES AFSF	700.00	0.00	0.00	0.00	0.00
DIRECT - RCCC 06499H		3,600.00	2,300.00	68.25	831.25	1,400.50
59260	REC ADVERTISING	5,997.00	5,997.00	2,000.00	3,244.30	752.70
609	GEN SUPPORT SUPPLIES AFSF	2,115.00	2,115.00	0.00	2,115.00	0.00
DIRECT - RCCC 074992 178 REC ADVERT		8,112.00	8,112.00	2,000.00	5,359.30	752.70
59260	REC ADVERTISING	2,504.00	2,504.00	0.00	2,500.00	4.00
DIRECT - RCCC 07499H		2,504.00	2,504.00	0.00	2,500.00	4.00
521	MAINT-M-PROJECTS	74,000.00	74,000.00	74,000.00	0.00	0.00
529	MINOR CONSTRU-MC-PROJECTS	12,000.00	12,000.00	12,000.00	0.00	0.00
DIRECT - RCCC 134400 RPM "CES"		86,000.00	86,000.00	86,000.00	0.00	0.00
408	TDY - NON-ASIF MSN	0.00	0.00	0.00	2,836.50	-2,836.50
409	TDY - PER DIEM MSN	10,375.00	4,893.00	0.00	3,794.43	1,098.57
501	PRINTING AND REPRODUCTION	400.00	400.00	0.00	180.00	220.00
56920	MAINT OFFICE MACH(COPIER)	300.00	300.00	0.00	647.00	-347.00
59290	OTHER CONTRACT SVFS (MISC)	1,820.00	1,820.00	0.00	2,023.50	-203.50
61990	MISC SUP/MAT(BOOKS/MASKS)	33.00	33.00	0.00	32.99	0.01

51402

AFO: 2 SITE: 04 OAC/OBAN: 41H3 FUND CODE: 58 MFP: 01

DETAIL LEVEL

FO	PSRA	PC	PE/BPAC	FUN	ESP	SMC	PC	TV	CAAS	FMS				COMMITMENTS
YY	SC	EEIC	RC/CC	ANNUAL AUTH	CAT	QUARTERLY AUTH			AEP/COLL	AEU/UNCOLL	UOO/UFO	GROSS OBLIGATIONS	UNOBLG BALANCE	UNCOMMITTED BALANCE
OBLIGATIONS														
55	F001877	P100213	58	52672F	13	L	S	5	1G					1,500.00
	514	621010		1,500.00		1,500.00			.00	.00	.00	.00	1,500.00	.00
EEIC 514														
				2,954.00		2,954.00			722.00	.00	732.00	1,454.00	1,500.00	.00
55	F001877	P092159	58	55278F	10	H	S	5	1Z					74,000.00
	521	134400		74,000.00		74,000.00			.00	.00	.00	.00	74,000.00	.00
55	F001877	P092156	58	55276F	11	H	S	5	1Z					12,000.00
	529	134400		12,000.00		12,000.00			.00	.00	.00	.00	12,000.00	.00
55	F001877	P092771	58	55296F	12	F	S	5	1Z					.00
	531	244495		.00		.00			19,469.70	.00	.00	19,469.70	19,469.70-	19,469.70-
55	F001877	P092838	58	55296F	12	F	S	5	1Z					.00
	53320	244495		.00		.00			10,500.00	.00	.00	10,500.00	10,500.00-	10,500.00-
55	F001877	P092875	58	55296F	12	F	S	5	1Z					.00
	53330	244495		.00		.00			1,007.95	.00	.00	1,007.95	1,007.95-	1,007.95-
55	F001877	P092877	58	55296F	12	F	S	5	1Z					.00
	53350	244495		.00		.00			2,043.00	.00	.00	2,043.00	2,043.00-	2,043.00-
55	F001877	P092890	58	55296F	12	F	S	5	1Z					.00
	53390	244495		.00		.00			716.99	.00	.00	716.99	716.99-	716.99-
EEIC 533														
				.00		.00			14,267.94	.00	.00	14,267.94	14,267.94-	14,267.94-
55	F001877	P092215	58	55256F	12	X	S	4	1Z					7,197.50
	53410	244416		9,690.00		8,000.00			.00	.00	802.50	802.50	7,197.50	.00
55	F001877	P104700	58	55256F	12	X	S	5	1Z					.00
	53474	244416		1,310.00		1,310.00			.00	.00	1,310.00	1,310.00	.00	.00
EEIC 534														
				11,000.00		9,310.00			.00	.00	2,112.50	2,112.50	7,197.50	.00

LINE	SUB	ERIC	SAG	PR	NBR	ORAM	001	01	3RD. QUARTER	2ND. QUARTER	1ST. QUARTER	ANNUAL
001	H3								14,117,200.00	9,682,100.00	5,588,200.00	.00
SAG TOTAL AUTHORITY												
002	H3								13,916,300.00	.00	.00	.00
QIV-PAY												
003	H3								132,100.00	.00	.00	.00
TRAVEL												
004	H3								21,600.00	.00	.00	.00
TRANSPORTATION												
005	H3								272,100.00	.00	.00	.00
OTHER CONT. SVCS												
006	H3								1,191,400.00	.00	.00	.00
MYS SUPPLIES												
007	H3								524,400.00	.00	.00	.00
SUPPLIES												
008	H3								11,900.00	.00	.00	.00
EQUIPMENT												
009	H3								2,776,900.00	.00	.00	.00
DIR-FLYING												
010	H3								2,126,600.00	.00	.00	.00
AVPOL												
SAG TOTAL AUTHORITY												
011	H3								20,973,300.00	.00	.00	.00
QIV-PAY (78)												
012	H3								18,900.00	.00	.00	.00
DQ (15)												
013	H3								60,600.00	.00	.00	.00
DIR-NONPAY												
014	H3								200,000.00	.00	.00	.00
ADPE												
015	H3								200,000.00	.00	.00	.00
DIR-NONPAY												
016	H3								23,400.00	.00	.00	.00
MEDICAL												
SAG TOTAL AUTHORITY												
017	H3								599,900.00	.00	.00	.00
RPM												
018	H3								74,000.00	.00	.00	.00
RPM												
019	H3								2,200,200.00	.00	.00	.00
EDMR												
020	H3								546,800.00	.00	.00	.00
SECURITY PAYROLL												
021	H3								10,000.00	.00	.00	.00
DIR-NONPAY												
022	H3								56,300.00	.00	.00	.00
COMMUNICATIONS												
023	H3								22,000.00	.00	.00	.00
POSTAL												
SAG TOTAL AUTHORITY												
024	H3								2,921,300.00	.00	.00	.00
SAG TOTAL AUTHORITY												
025	H3								11,900.00	.00	.00	.00
SAG TOTAL AUTHORITY												
026	H3								9,200.00	.00	.00	.00
SAG TOTAL AUTHORITY												
SAG TOTAL AUTHORITY												
SAG TOTAL AUTHORITY												

INCLUDES: FY=4 FC=58 OAC=41

SEP ASR

FY 94

EXCLUDES: CSN=A

EEIC	TITLE	ANNUAL	QUARTER	COMMIT	GROSS OBLIG	UNCOMM QTR
405	TDY - NON-ASIF ADM	0.00	0.00	0.00	25.00	-25.00
406	TDY - PER DIEM ADM	0.00	0.00	0.00	934.06	-934.06
408	TDY - NON-ASIF MSN	0.00	0.00	0.00	369.25	-369.25
409	TDY - PER DIEM MSN	3,454.00	3,454.00	0.00	2,125.12	1,328.88
47140	REC LEASED SPACE	670.00	670.00	0.00	670.00	0.00
495	OFFICIAL TOLLS & SIM CHGS	2,181.00	2,181.00	0.00	2,180.64	0.36
59220	BILLETING CHARGES	8.00	8.00	0.00	8.00	0.00
59230	REC OUT-POCKET EXP	135.00	135.00	0.00	134.66	0.34
59232	REC MEP'S MEALS	246.00	246.00	0.00	165.98	80.02
DIRECT - RCCC 064991		6,694.00	6,694.00	0.00	6,612.71	81.29
178 RECRUITING						
409	TDY - PER DIEM MSN	508.00	508.00	0.00	508.00	0.00
495	OFFICIAL TOLLS & SIM CHGS	276.00	276.00	0.00	276.00	0.00
59230	REC OUT-POCKET EXP	247.00	247.00	0.00	246.58	0.42
59232	REC MEP'S MEALS	258.00	258.00	0.00	241.06	16.94
59233		256.00	256.00	0.00	256.00	0.00
DIRECT - RCCC 06499A		1,545.00	1,545.00	0.00	1,527.64	17.36
BLUE ASH RECRUITING						
59260	REC ADVERTISING	10,843.00	10,843.00	0.00	10,842.08	0.92
609	GEN SUPPORT SUPPLIES AFSF	2,301.00	2,301.00	0.00	2,301.74	-0.74
DIRECT - RCCC 074992		13,144.00	13,144.00	0.00	13,143.82	0.18
178 REC ADVERT						
59260	REC ADVERTISING	4,817.00	4,817.00	0.00	4,816.18	0.82
DIRECT - RCCC 07499A		4,817.00	4,817.00	0.00	4,816.18	0.82
BLUE ASH ADVERT						
522	REPAIR-R-PROJECTS	5,511.00	5,511.00	0.00	5,510.36	0.64
529	MINOR CONSTRU-MC-PROJECTS	97,194.00	97,194.00	0.00	97,193.25	0.75
609	GEN SUPPORT SUPPLIES AFSF	15,135.00	15,135.00	0.00	15,132.10	2.90
DIRECT - RCCC 134400		117,840.00	117,840.00	0.00	117,835.71	4.29
RPM "CES"						
408	TDY - NON-ASIF MSN	0.00	0.00	0.00	2,905.50	-2,905.50
409	TDY - PER DIEM MSN	6,293.00	6,293.00	0.00	3,386.76	2,906.24
501	PRINTING AND REPRODUCTION	557.00	557.00	0.00	556.54	0.46
553	PROF EDUCATION CONT TRNG	885.00	885.00	0.00	884.85	0.15
59190		463.00	463.00	0.00	463.00	0.00
59290	OTHER CONTRCT SVFS (MISC)	2,778.00	2,778.00	0.00	2,777.25	0.75

AFO: 2 SITE: 04 OAC/OBAN: 41H3 FUND CODE: 58 MFP: 01

DETAIL LEVEL

FO	PSRA	PSRA	FC	PE/BPAC	FUN	ESP	SMC	PC	TV	CAAS	FMS					COMMITMENTS
YY	SC	BAAN	ORG	DATA	CAT						LINE					UNCOMMITTED
		ERIC	RC/CC	ANNUAL	AUTH	QUARTERLY	AUTH			AEP/COLL	AEU/UNCOLL	UOO/UFO	GROSS	UNOBLG	BALANCE	BALANCE
OBLIGATIONS																
45		FO01082	P040269	58	55393F	01	G	S	5	1Z						.00
		49630	243800			.00				180.00	.00	.00	180.00	.00		.00
45		FO01082	P040270	58	55393F	01	G	S	5	1Z						.00
		49630	543800			.00				84.00	.00	.00	84.00	.00		.00
45		FO01082	P040289	58	55393F	08	G	S	5	1Z						.00
		49690	243800			.00				400.00	.00	206.50	400.00	.00		.00
ERIC 496																
						.00				1,315.00	.00	206.50	1,315.00	.00		.00
45		FO01082	P040235	58	52620F	13	L	S	5	1F						.00
		501	201010			.00				108.00	.00	.00	108.00	.00		.00
45		FO01082	P009769	58	55256F	12	X	S	5	1Z						.00
		52120	244423			.00				6,525.00	.00	.00	5,685.00	840.00		840.00
45		FO01082	P086366	58	55276F	11	H	S	5	1Z						.00
		529	134400			.00				97,194.00	.00	29,157.98	97,193.25	.75		.75
45		FO01082	P040434	58	55296F	12	F	S	5	1Z						.00
		531	244495			.00				.00	.00	.00	7,742.36	7,742.36-		7,742.36-
45		FO01082	P040436	58	55296F	12	F	S	5	1Z						.00
		53320	244495			.00				.00	.00	.00	1,675.39	1,675.39-		1,675.39-
45		FO01082	P040450	58	55296F	12	F	S	5	1Z						.00
		53330	244495			.00				.00	.00	.00	784.00	784.00-		784.00-
45		FO01082	P040453	58	55296F	12	F	S	5	1Z						.00
		53350	244495			.00				.00	.00	.00	1,691.26	1,691.26-		1,691.26-
45		FO01082	P040465	58	55296F	12	F	S	5	1Z						.00
		53390	244495			.00				.00	.00	.00	150.00	150.00-		150.00-
45		FO01082	P040481	58	55296F	12	F	S	5	1Z						.00
		53390	544495			.00				.00	.00	.00	1,735.00	1,735.00-		1,735.00-
ERIC 533																
																.00

EXAMPLE

PREPARED 94 SEP 30

OPERATING BUDGET AUTHORITY

AS OF 94 SEP 05

PCN SH082-3LL41

DOC NBR: 020 DOC DATE: 94 SEP 05 ASN: H3 FY: 94

FOOTNOTE NARRATIVE:

THE FOLLOWING COMMENTS ARE AN INTEGRAL PART OF THIS
A. STATUTORY/REGULATORY LIMITATIONS--VIOLATIONS ARE
AUTHORIZED OR INCURRED, IN EXCESS OF (1) THE TOTAL
REIMBURSABLE BUDGET AUTHORITY WILL BE AUTHORIZED AS
STATED FOR EACH BUDGET ACTIVITY (BA).

B. FUNDS ISSUED IN SUPPORT OF OSD APPROVED COUNTER-
EXPENDED IN SUPPORT OF APPROVED PLANS OR A VIOLATION

C. SPECIFIC GUIDANCE IS AVAILABLE IN THE ANG FY94

D. FUNDING ISSUED FOR CONVERSIONS/ROBUSTING WILL BE
INCLUDE THE ESP 7R. FAILURE TO RECORD THE CORRECT ESP

E. FMS--PROPER ACCOUNTING AND CODING (ESP) IS
REPORTED ACCURATELY WITH ESP CODES.

F. AV POL IS FENCED. REPROGRAMMING IS NOT AUTHORIZED IN OR OUT.

FUNDING DOCUMENT & REVEAL LEGAL STATUTORY AND/OR REGULATORY LIMITATIONS
REPORTABLE PER AFR 177-16. FUNDS SHALL NOT BE DISTRIBUTED, NOR OBLIGATIONS
AUTHORITY SHOWN OR (2) DIRECT FUNDS PLUS VALID EARNED REIMBURSEMENTS.
EARNED. REIMBURSEMENT AUTHORITY IS AVAILABLE TO THE EXTENT REALIZED AS

NARCOTICS ARE INCLUDED IN BA 01. THESE AMOUNTS MAY ONLY BE OBLIGATED OR
OF AFR 177-16 WILL BE INCURRED.

FINANCIAL GUIDANCE LTR AND FROM THE ANGRC BUDGET ANALYSTS.

IDENTIFIED WITH AN ISSUE EEIC OF XXX19. THE OBLIGATION FOR THESE FUNDS MUST
WILL RESULT IN REVOCATION OF THESE FUNDS.

ESSENTIAL TO TRACK & REPORT FMS. ENSURE BOTH PROGRAM AND OBLIGATIONS ARE

GENERAL REMARKS:

\$213.6 RPM PROJ #WAAR922000.

\$.8 RPM/ENVIRON PROJ #WAAR942HZT HAZMAT TNG W/DRAWN.

\$.7 BAC04 EXCESS.

\$130.0 SUPPLY FOR ENGINE REPAIR.

PREPARED 94 SEP 26

OPERATING BUDGET AUTHORITY

AS OF 94 SEP 03

PCN SH082-3LL41

DOC NBR: 019

DOC DATE: 94 SEP 03

ASN: H3 FY: 94

FOOTNOTE NARRATIVE:

THE FOLLOWING COMMENTS ARE AN INTEGRAL PART OF THIS
A. STATUTORY/REGULATORY LIMITATIONS--VIOLATIONS ARE
AUTHORIZED OR INCURRED, IN EXCESS OF (1) THE TOTAL
REIMBURSABLE BUDGET AUTHORITY WILL BE AUTHORIZED AS
STATED FOR EACH BUDGET ACTIVITY (BA).

B. FUNDS ISSUED IN SUPPORT OF OSD APPROVED COUNTER-
EXPENDED IN SUPPORT OF APPROVED PLANS OR A VIOLATION

C. SPECIFIC GUIDANCE IS AVAILABLE IN THE ANG FY94

D. FUNDING ISSUED FOR CONVERSIONS/ROBUSTING WILL BE
INCLUDE THE ESP 7R. FAILURE TO RECORD THE CORRECT ESP

E. FMS PROPER ACCOUNTING AND CODING (ESP) IS
REPORTED ACCURATELY WITH ESP CODES.

F. AV POL IS FENCED. REPROGRAMMING IS NOT AUTHORIZED IN OR OUT.

FUNDING DOCUMENT & REVEAL LEGAL STATUTORY AND/OR REGULATORY LIMITATIONS
REPORTABLE PER AFR 177-16. FUNDS SHALL NOT BE DISTRIBUTED, NOR OBLIGATIONS
AUTHORITY SHOWN OR (2) DIRECT FUNDS PLUS VALID EARNED REIMBURSEMENTS.
EARNED. REIMBURSEMENT AUTHORITY IS AVAILABLE TO THE EXTENT REALIZED AS

NARCOTICS ARE INCLUDED IN BA 01. THESE AMOUNTS MAY ONLY BE OBLIGATED OR
OF AFR 177-16 WILL BE INCURRED.

FINANCIAL GUIDANCE LTR AND FROM THE ANGRB BUDGET ANALYSTS.

IDENTIFIED WITH AN ISSUE EEIC 01 XXX19. THE OBLIGATION FOR THESE FUNDS MUST
WILL RESULT IN REVOCATION OF THESE FUNDS.

ESSENTIAL TO TRACK & REPORT FMS. ENSURE BOTH PROGRAM AND OBLIGATIONS ARE

GENERAL REMARKS:

\$.8 RPM/ENVIRON PROJ #WAAR942H2T HAZMAT TNG.

\$213.6 RPM PROJ #WAAR922000 W/DRAWN.

\$.3 DRUG INTERDICTION SUPPLIES, ESP DI.

FOOTNOTE NARRATIVE:

THE FOLLOWING COMMENTS ARE AN INTEGRAL PART OF THIS
A. STATUTORY/REGULATORY LIMITATIONS--VIOLATIONS ARE AUTHORIZED OR INCURRED, IN EXCESS OF (1) THE TOTAL REIMBURSABLE BUDGET AUTHORITY WILL BE AUTHORIZED AS STATED FOR EACH BUDGET ACTIVITY (BA).

B. FUNDS ISSUED IN SUPPORT OF OSD APPROVED COUNTER-EXPENDED IN SUPPORT OF APPROVED PLANS OR A VIOLATION

C. SPECIFIC GUIDANCE IS AVAILABLE IN THE ANG FY94

D. FUNDING ISSUED FOR CONVERSIONS/ROBUSTING WILL BE INCLUDE THE ESP 7R. FAILURE TO RECORD THE CORRECT ESP

E. FMS--PROPER ACCOUNTING AND CODING (ESP) IS REPORTED ACCURATELY WITH ESP CODES.

F. AV POL IS FENCED. REPROGRAMMING IS NOT AUTHORIZED IN OR OUT.

FUNDING DOCUMENT & REVEAL LEGAL STATUTORY AND/OR REGULATORY LIMITATIONS REPORTABLE PER AFR 177-16. FUNDS SHALL NOT BE DISTRIBUTED, NOR OBLIGATIONS AUTHORITY SHOWN OR (2) DIRECT FUNDS PLUS VALID EARNED REIMBURSEMENTS. EARNED. REIMBURSEMENT AUTHORITY IS AVAILABLE TO THE EXTENT REALIZED AS

NARCOTICS ARE INCLUDED IN BA 01. THESE AMOUNTS MAY ONLY BE OBLIGATED OR OF AFR 177-16 WILL BE INCURRED.

FINANCIAL GUIDANCE LTR AND FROM THE ANGRG BUDGET ANALYSTS.

IDENTIFIED WITH AN ISSUE EEC OF XXX19. THE OBLIGATION FOR THESE FUNDS MUST WILL RESULT IN REVOCATION OF THESE FUNDS.

ESSENTIAL TO TRACK & REPORT FMS. ENSURE BOTH PROGRAM AND OBLIGATIONS ARE

GENERAL REMARKS:

\$13.6 RPM PROJ #WAAR922000.

\$1.3 PER 251CCG SENTRE VIGILANCE, ESP 2P.

\$15.0 RPM PROJ #EUBC922002 W/DRAWN.

\$46.9 PER 123ACS DYNAMIC GUARD 94, ESP 1J.

\$1.6 MEDICAL LODS FOR HILL/MCMAHEN/SHAY/HUBER.

\$4.2 MEDICAL SUPPLIES FOR DYNAMIC GUARD.

\$5.9 DRUG INTERDICTION SUPPLIES W/DRAWN, ESP DI.

\$.6 BDT LOG #4036 FOR LOHNES, ESP TU.

94 JUL 28

OPERATING BUDGET AUTHORITY

AS OF 94 JUL 01

PCN SH082-3LL41

DOC NBR: 014

DOC DATE: 94 JUL 01

ASN: H3

FY: 94

FOOTNOTE NARRATIVE:

THE FOLLOWING COMMENTS ARE AN INTEGRAL PART OF THIS
A. STATUTORY/REGULATORY LIMITATIONS--VIOLATIONS ARE AUTHORIZED OR INCURRED, IN EXCESS OF (1) THE TOTAL REIMBURSABLE BUDGET AUTHORITY WILL BE AUTHORIZED AS STATED FOR EACH BUDGET ACTIVITY (BA).

B. FUNDS ISSUED IN SUPPORT OF OSD APPROVED COUNTER-EXPENDED IN SUPPORT OF APPROVED PLANS OR A VIOLATION
C. SPECIFIC GUIDANCE IS AVAILABLE IN THE ANG FY94

D. FUNDING ISSUED FOR CONVERSIONS/ROBUSTING WILL BE INCLUDE THE ESP 7R. FAILURE TO RECORD THE CORRECT ESP

E. FMS--PROPER ACCOUNTING AND CODING (ESP) IS REPORTED ACCURATELY WITH ESP CODES.

F. AV POL IS FENCED. REPROGRAMMING IS NOT AUTHORIZED IN OR OUT.

FUNDING DOCUMENT & REVEAL LEGAL STATUTORY AND/OR REGULATORY LIMITATIONS REPORTABLE PER AFR 177-16. FUNDS SHALL NOT BE DISTRIBUTED, NOR OBLIGATIONS AUTHORITY SHOWN OR (2) DIRECT FUNDS PLUS VALID EARNED REIMBURSEMENTS. EARNED. REIMBURSEMENT AUTHORITY IS AVAILABLE TO THE EXTENT REALIZED AS

NARCOTICS ARE INCLUDED IN BA 01. THESE AMOUNTS MAY ONLY BE OBLIGATED OR OF AFR 177-16 WILL BE INCURRED.

FINANCIAL GUIDANCE LTR AND FROM THE ANGRB BUDGET ANALYSTS.

IDENTIFIED WITH AN ISSUE EEIC OF XXX19. THE OBLIGATION FOR THESE FUNDS MUST WILL RESULT IN REVOCATION OF THESE FUNDS.

ESSENTIAL TO TRACK & REPORT FMS. ENSURE BOTH PROGRAM AND OBLIGATIONS ARE

GENERAL REMARKS:

\$1.1 PER 178FG FF BOARD SUPPORT, ESP 6H.

\$1.8 PER 251CCG SENTRE VIGILANCE, ESP 2P.

\$3.5 PER 178FG UTTR, ESP 2S.

\$5.5 BDT LOG #4032, ESP TU FOR LOHNES.

\$4.1 ADSW FOR SSGT DAVISON, ESP NP.

\$6.6 RPM/ENVIRON PROJ #WAAR930019.

\$2.2 ENVIRONMENTAL PROJ #WAAR942MCT EEIC 409EW.

\$5.4 ADSW FOR SSGT DAVISON, ESP NP.

\$24.0 RPM W/DRAWAL.

PREPARED 94 APR 26

OPERATING BUDGET AUTHORITY

AS OF 94 APR 02

PCN SH082-3LL41

DOC NBR: 009

DOC DATE: 94 APR 02

ASN: H3

FY: 94

FOOTNOTE NARRATIVE:

THE FOLLOWING COMMENTS ARE AN INTEGRAL PART OF THIS
A. STATUTORY/REGULATORY LIMITATIONS--VIOLATIONS ARE AUTHORIZED OR INCURRED, IN EXCESS OF (1) THE TOTAL REIMBURSABLE BUDGET AUTHORITY WILL BE AUTHORIZED AS STATED FOR EACH BUDGET ACTIVITY (BA).

B. FUNDS ISSUED IN SUPPORT OF OSD APPROVED COUNTER-EXPENDED IN SUPPORT OF APPROVED PLANS OR A VIOLATION

C. SPECIFIC GUIDANCE IS AVAILABLE IN THE ANG FY94

D. FUNDING ISSUED FOR CONVERSIONS/ROBUSTING WILL BE INCLUDE THE ESP 7R. FAILURE TO RECORD THE CORRECT ESP

E. FMS--PROPER ACCOUNTING AND CODING (ESP) IS REPORTED ACCURATELY WITH ESP CODES.

F. AV POL IS FENCED. REPROGRAMMING IS NOT AUTHORIZED IN OR OUT.

FUNDING DOCUMENT & REVEAL LEGAL STATUTORY AND/OR REGULATORY LIMITATIONS REPORTABLE PER AFR 177-16. FUNDS SHALL NOT BE DISTRIBUTED, NOR OBLIGATIONS AUTHORITY SHOWN OR (2) DIRECT FUNDS PLUS VALID EARNED REIMBURSEMENTS. EARNED. REIMBURSEMENT AUTHORITY IS AVAILABLE TO THE EXTENT REALIZED AS

NARCOTICS ARE INCLUDED IN BA 01. THESE AMOUNTS MAY ONLY BE OBLIGATED OR OF AFR 177-16 WILL BE INCURRED.

FINANCIAL GUIDANCE LTR AND FROM THE ANGRC BUDGET ANALYSTS.

IDENTIFIED WITH AN ISSUE EIC OF XXX19. THE OBLIGATION FOR THESE FUNDS MUST WILL RESULT IN REVOCATION OF THESE FUNDS.

ESSENTIAL TO TRACK & REPORT FMS. ENSURE BOTH PROGRAM AND OBLIGATIONS ARE

GENERAL REMARKS:

\$.2 RPM/ENVIRON PROJ #WAAR942AIR (ABA/3Q)

\$7.0 ADSW ON MAJ KURIGER, ESP NK (ABA/3Q)

\$2.2 TO COMPLETE CONVERSION, ESP 7R (ABA/3Q)

\$73.9 123/124 ACS BLUE ASH RADAR INSTAL/CALIBRATE/START-UP (ABA/3Q)

\$163.0 DLR FLYING HOUR ADJUSTMENT (W/DRAWL) (ABA)

\$143.6 AV FUEL FLYING HOUR ADJUSTMENT (W/DRAWL) (ABA)

\$58.0 SUPPLY FLYING HOUR ADJUSTMENT (W/DRAWL)(ABA)

\$.7 PER 178FG FIRE F READINESS, ESP 6H (ABA/3Q)

\$2.0 AIR TRAFFIC CONTROLLER TDY EXPENSES (ABA/3Q)

FOOTNOTE NARRATIVE:

THE FOLLOWING COMMENTS ARE AN INTEGRAL PART OF THIS FUNDING DOCUMENT & REVEAL LEGAL STATUTORY AND/OR REGULATORY LIMITATIONS REPORTABLE PER AFR 177-16. FUNDS SHALL NOT BE DISTRIBUTED, NOR OBLIGATIONS AUTHORIZED OR INCURRED, IN EXCESS OF (1) THE TOTAL AUTHORITY SHOWN OR (2) DIRECT FUNDS PLUS VALID EARNED REIMBURSEMENTS. REIMBURSEMENT AUTHORITY IS AVAILABLE TO THE EXTENT REALIZED AS EARNED.

A. STATUTORY/REGULATORY LIMITATIONS--VIOLATIONS ARE AUTHORIZED OR INCURRED, IN EXCESS OF (1) THE TOTAL REIMBURSABLE BUDGET AUTHORITY WILL BE AUTHORIZED AS STATED FOR EACH BUDGET ACTIVITY (BA).

B. FUNDS ISSUED IN SUPPORT OF OSD APPROVED COUNTER-EXPENDED IN SUPPORT OF APPROVED PLANS OR A VIOLATION

C. SPECIFIC GUIDANCE IS AVAILABLE IN THE ANG FY94

D. FUNDING ISSUED FOR CONVERSIONS/ROBUSTING WILL BE IDENTIFIED WITH AN ISSUE EEIC OF XXX19. THE OBLIGATION FOR THESE FUNDS MUST INCLUDE THE ESP 7R. FAILURE TO RECORD THE CORRECT ESP WILL RESULT IN REVOCATION OF THESE FUNDS.

E. FMS--PROPER ACCOUNTING AND CODING (ESP) IS ESSENTIAL TO TRACK & REPORT FMS. ENSURE BOTH PROGRAM AND OBLIGATIONS ARE REPORTED ACCURATELY WITH ESP CODES.

F. AV POL IS FENCED. REPROGRAMMING IS NOT AUTHORIZED IN OR OUT.

NARCOTICS ARE INCLUDED IN BA 01. THESE AMOUNTS MAY ONLY BE OBLIGATED OR OF AFR 177-16 WILL BE INCURRED.

FINANCIAL GUIDANCE LTR AND FROM THE ANGRC BUDGET ANALYSTS.

GENERAL REMARKS:

\$1,400 MEDICAL SERVICES 5% HOLDBACK DISTRIBUTION (ABA/2Q)
\$.9 DBT #4047 FOR MAY, ESP DI (ABA/2Q)
\$200.0 RPM PROJ #WAAR922000 (ABA/2Q)
\$10.0 IN SUPPORT OF SECOND GSU AT BLUE ASH ANGS (ABA/2Q)
\$2.0 PER 124ACS DYNAMIC GUARD, ESP 1J (ABA/2Q)
\$1.6 PER 178FG READY REBEL, ESP 2L (ABA/2Q)
\$1.6 PER 251CCG SENTRE VIGILANCE, ESP 2P (ABA/2Q)
\$1,770.0 REPHASED FROM 2Q TO 4Q.
\$1.3 BDT #4005, ESP SW (ABA/3Q)
\$1,770.0 REPHASED FROM 2Q TO 4Q.

PREPARED 94 FEB 25

OPERATING BUDGET AUTHORITY

AS OF 94 FEB 02

PCN SH082-3LL41

DOC NBR: 005

DOC DATE: 94 FEB 02

ASN: H3

FY: 94

FOOTNOTE NARRATIVE:

THE FOLLOWING COMMENTS ARE AN INTEGRAL PART OF THIS
A. STATUTORY/REGULATORY LIMITATIONS--VIOLATIONS ARE AUTHORIZED OR INCURRED, IN EXCESS OF (1) THE TOTAL REIMBURSABLE BUDGET AUTHORITY WILL BE AUTHORIZED AS STATED FOR EACH BUDGET ACTIVITY (BA).
B. FUNDS ISSUED IN SUPPORT OF OSD APPROVED COUNTER-EXPENDED IN SUPPORT OF APPROVED PLANS OR A VIOLATION
C. SPECIFIC GUIDANCE IS AVAILABLE IN THE ANG FY94
D. FUNDING ISSUED FOR CONVERSIONS/ROBUSTING WILL BE INCLUDE THE ESP 7R. FAILURE TO RECORD THE CORRECT ESP
E. FMS--PROPER ACCOUNTING AND CODING (ESP) IS REPORTED ACCURATELY WITH ESP CODES.
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FUNDING DOCUMENT & REVEAL LEGAL STATUTORY AND/OR REGULATORY LIMITATIONS REPORTABLE PER AFR 177-16. FUNDS SHALL NOT BE DISTRIBUTED, NOR OBLIGATIONS AUTHORITY SHOWN OR (2) DIRECT FUNDS PLUS VALID EARNED REIMBURSEMENTS. EARNED. REIMBURSEMENT AUTHORITY IS AVAILABLE TO THE EXTENT REALIZED AS

NARCOTICS ARE INCLUDED IN BA 01. THESE AMOUNTS MAY ONLY BE OBLIGATED OR OF AFR 177-16 WILL BE INCURRED. FINANCIAL GUIDANCE LTR AND FROM THE ANGRB BUDGET ANALYSTS. IDENTIFIED WITH AN ISSUE EEIC OF XXX19. THE OBLIGATION FOR THESE FUNDS MUST WILL RESULT IN REVOCATION OF THESE FUNDS. ESSENTIAL TO TRACK & REPORT FMS. ENSURE BOTH PROGRAM AND OBLIGATIONS ARE

GENERAL REMARKS:

\$1.0 TRANSFERRED TO C5 TO SUPPORT 251CCG ORI AT ROCKFORD IL (ABA/2Q)

\$15,000 RPM PROJ #EUBC922002 (ABA/2Q)

\$15,000 RPM PROJ #EUBC922002 (ABA/2Q)

\$9,000 RPM PROJ #RVL932001 (ABA/2Q)

31201 \$7,000 ABA ESP 7R 123ACS LTR#121.
 931201 \$67,600 ABA ESP 7R 123ACS LTR#121.

24
 23

PREPARED 93 DEC 16
 NC: 41 FY: 94

NET CHANGE LIST

AS OF 93 DEC 01

PCN SH082-3LL41
 DOCUMENT NBR: 001

LINE	FC NBR	DBAN	SAG	PE	EEIC	SUB LIMIT	1ST. QUARTER	2ND. QUARTER	3RD. QUARTER	ANNUAL	
001	H3	01					9,024,200.00	15,485,000.00	21,945,700.00	.00	
	SAG TOTAL AUTHORITY						9,024,200.00	15,485,000.00	21,945,700.00	.00	.00
002	H3	011F 52620F 39290				CIV-PAY	.00	.00	.00	12,833,800.00 ✓	
003	H3	011F 52620F 40919				178 (7R) TDY	.00	.00	.00	2,600.00 TR	
004	H3	011F 52620F 40990				TDY	.00	.00	.00	81,100.00 ✓	
005	H3	011F 52620F 46219				178 (7R) TRANSP	.00	.00	.00	10,000.00 TR	
006	H3	011F 52620F 46290				TRANSFORMATION	.00	.00	.00	21,600.00	
007	H3	011F 52620F 59290				OTHER ADMT. SVCS	.00	.00	.00	286,200.00 ✓	
008	H3	011F 52620F 60590				CAMS SUPPLIES	.00	.00	.00	1,218,900.00 ✓	
009	H3	011F 52620F 60990				BASE SUPPLIES	.00	.00	.00	623,600.00	
010	H3	011F 52620F 62090				EQUIPMENT	.00	.00	.00	31,700.00 ✓	
011	H3	011F 52620F 64490				CAMS (FLY-DLR)	.00	.00	.00	3,425,400.00 ✓	
012	H3	011F 52620F 69990				AVFUEL	.00	.00	.00	3,017,800.00 ✓	
013	H3	011F 54332F 60590				C-130	.00	.00	.00	433,100.00	
014	H3	011F 54332F 64490				C-130	.00	.00	.00	752,300.00 - C-130	
015	H3	011F 54332F 69990				C-130	.00	.00	.00	2,079,900.00 - ?	
	SAG TOTAL AUTHORITY						.00	.00	.00	24,818,000.00	
016	H3	0116 52672F 46219				123 NAE	.00	.00	.00	2,000.00	
017	H3	0116 52672F 59219				123 NAE	.00	.00	.00	7,000.00	
018	H3	0116 52672F 60919				123 NAE	.00	.00	.00	67,600.00	
019	H3	0116 52672F 64590				123/124 DLR	.00	.00	.00	170,000.00	
020	H3	0116 52889F 60972				DI	.00	.00	.00	900.00	
021	H3	0116 52889F 60978				DI	.00	.00	.00	1,400.00	
022	H3	0116 53111F 45121				DYNAMIC GUARD	.00	.00	.00	23,900.00 IS	
023	H3	0116 53111F 63719				178 (7R) ADPE	.00	.00	.00	10,000.00 TR	
024	H3	0116 53111F 63790				ADPE	.00	.00	.00	87,000.00 ✓	
025	H3	0116 53111F 64590				COM DLR (N-FU)	.00	.00	.00	130,000.00	
026	H3	0116 58221F 57190				HOSP	.00	.00	.00	24,700.00	
027	H3	0116 59220F 40925				ADSW TOUC	.00	.00	.00	12,300.00 - TDY TABLE 2	
028	H3	0116 59220F 59292				FAMILY SUPPORT	.00	.00	.00	4,000.00 ✓	
	SAG TOTAL AUTHORITY						.00	.00	.00	540,000.00	
029	H3	0112 55276F 52103				KPM	.00	.00	.00	14,500.00 ✓	
030	H3	0112 55296F 45122				GH	.00	.00	.00	900.00 ✓	
031	H3	0112 55296F 40090				FOIA	.00	.00	.00	1,747,300.00 ✓	
032	H3	0112 55296F 57090				SEA OPERATIONS	.00	.00	.00	546,000.00 ✓	
033	H3	0112 55296F 64590				CES DLR (N-FLU)	.00	.00	.00	6,000.00	
034	H3	0112 55393F 49290				COMMUNICATIONS	.00	.00	.00	100,000.00	
035	H3	0112 55393F 49690				POSTAL	.00	.00	.00	22,000.00	

PREPARED 93 DEC 16
 NC: 41 FY: 94

NET CHANGE LIST

AS OF 93 DEC 01

PCN SH082-3LL41
 DOCUMENT NBR: 001

LINE	FC NBR	DBAN	SAG	PE	EEIC	SUB LIMIT	1ST. QUARTER	2ND. QUARTER	3RD. QUARTER	ANNUAL	
036	H3	0112 55393F 64590					.00	.00	.00	2,000.00	
	SAG TOTAL AUTHORITY						.00	.00	.00	2,439,500.00	
037	H3	04					7,500.00	14,500.00	21,500.00	.00	
	SAG TOTAL AUTHORITY						7,500.00	14,500.00	21,500.00	.00	
038	H3	042J 58150F 50190					.00	.00	.00	26,900.00	
	SAG TOTAL AUTHORITY						.00	.00	.00	26,900.00	

SEPT

Press any key to continue...

RCCC REPORT BY EEIC (DIRECT DATA ONLY IN DOLLARS & CENTS) PREPARED: 6 OCT 93

AS OF: 06 OCT 93

INCLUDES: FY=3 FC=58 OAC=41

(FY 93)

EXCLUDES: CSN=A

EEIC	TITLE	ANNUAL	QUARTER	COMMIT	GROSS	UNCOMM
					OBLIG	QTR
408	TDY - TRANS-COSTS	0.00	0.00	0.00	80.00	-80.00
409	TDY - PER DIEM/HOUSING	1,914.00	1,914.00	0.00	1,833.50	80.50
47140	REC LEASED SPACE	785.00	785.00	0.00	785.00	0.00
495	OFFICIAL TOLLS & SIM CHGS	2,170.00	2,170.00	0.00	2,170.35	-0.35
59230	REC OUT-POCKET EXP	830.00	830.00	0.00	829.28	0.72
59232	MEP'S CTRS MEALS	522.00	522.00	0.00	521.39	0.61
609	GEN SUPPORT SUPPLIES AFSF	10,454.00	10,454.00	0.00	10,453.90	0.10
DIRECT - RCCC 064991 178 RECRUITING		16,675.00	16,675.00	0.00	16,673.42	1.58
495	OFFICIAL TOLLS & SIM CHGS	198.00	198.00	0.00	197.13	0.87
49610	OTHER COMM CHARGES	37.00	37.00	0.00	36.32	0.68
609	GEN SUPPORT SUPPLIES AFSF	1,050.00	1,050.00	0.00	1,050.00	0.00
DIRECT - RCCC 06499A BLUE ASH RECRUITING		1,285.00	1,285.00	0.00	1,283.45	1.55
501	PRINTING AND REPRODUCTION	279.00	279.00	0.00	278.40	0.60
59260	ADVERTISING	10,675.00	10,675.00	0.00	10,674.82	0.18
DIRECT - RCCC 074992 178 ADVERT		10,954.00	10,954.00	0.00	10,953.22	0.78
59260	ADVERTISING	3,000.00	3,000.00	0.00	2,999.80	0.20
DIRECT - RCCC 07499A BLUE ASH ADVERT		3,000.00	3,000.00	0.00	2,999.80	0.20
522	REPAIR-R-PROJECTS	392,307.00	392,307.00	0.00	391,296.49	1,010.51
529	MINOR CONSTRU-MC-PROJECTS	56,118.00	56,118.00	0.00	56,117.40	0.60
609	GEN SUPPORT SUPPLIES AFSF	47.00	47.00	0.00	46.05	0.95
DIRECT - RCCC 134400 CE RPM		448,472.00	448,472.00	0.00	447,459.94	1,012.06
529	MINOR CONSTRU-MC-PROJECTS	26,261.00	26,261.00	0.00	26,260.48	0.52
DIRECT - RCCC 13447R 178 F-16 RPM		26,261.00	26,261.00	0.00	26,260.48	0.52
408	TDY - TRANS-COSTS	0.00	0.00	0.00	2,514.78	-2,514.78
409	TDY - PER DIEM/HOUSING	8,051.00	8,051.00	0.00	5,055.54	2,995.46
553	PROF EDUCATION CONT TRNG	120.00	120.00	0.00	120.00	0.00
59240	CONTRCT HOUSING (HOTEL)	546.00	546.00	0.00	546.00	0.00
59290	OTHER CONTRACT SERVICES	765.00	765.00	0.00	765.00	0.00

FOOTNOTE NARRATIVE:

THE FOLLOWING COMMENTS ARE AN INTEGRAL PART OF THIS A. STATUTORY/REGULATORY LIMITATIONS--VIOLATIONS ARE AUTHORIZED OR INCURRED, IN EXCESS OF (1) THE TOTAL REIMBURSABLE BUDGET AUTHORITY WILL BE AUTHORIZED AS DEFINED IN AFR 177-16. ADDITIONALLY, ANNUAL DIRECT STATED FOR EACH MAJOR FORCE PROGRAM (MFP).

THREE QUARTERS OF THE FISCAL YEAR PROVIDED NO QUARTERLY REIMBURSABLE PROGRAM DOES NOT EXCEED THE CUMULATIVE

B. THE CONTINGENCIES LIMITATION IS A CEILING ONLY (FORADSN 415300 ONLY).

C. FUNDS ISSUED IN SUPPORT OF OSD APPROVED STATE/VIS DEPOT MAINTENANCE (B5). THESE AMOUNTS (ESP CODE DI) OF AFR 177-16 WILL BE INCURRED. DRUG INTERDICTION MAJCOM APPROVAL AUTHORITY AND MAY NOT BE USED FOR OTHER

D. EEIC 999XX (XX=PROGRAM CODE) IS ANGRC'S REDUCTIONS

E. 4TH QUARTER FUNDING FOR CIV PAY WILL BE RETAINED ATNGB PENDING FINAL ADJUSTMENTS RELATIVE TO FORCE STRUCTURE AND FACT OF LIFE CHANGES.

F. PROVIDE COMFORT--PROPER ACCOUNTING AND CODING (ESP (ESP(S)) IS ESSENTIAL TO TRACK AND REPORT THIS HIGH VISABILITY PROGRAM. CAR SHOULD BE EXERCISED AT ALL TIMES TO ACCURATELY ACCOUNT AND REPORT PROVIDE COMFORT OBLIGATIONS.

G. SPECIFIC GUIDANCE IS AVAILABLE IN THE ANG FY93

H. FUNDING ISSUED FOR CONVERSIONS/ROBUSTING WILL BE IDENTIFIED WITH AN ISSUE EEIC OF XXX19. THE OBLIGATION FOR THESE FUNDS MUST INCLUDE THE ESP 7R. FAILURE TO RECORD THE CORRECT ESP WILL RESULT IN REVOCATION OF THESE FUNDS.

I. DLR--REPROGRAMMING IS NOT AVAILABLE.

A90 2,768,700.00 DLR FLYING
A95 1,055,300.00 DLR NON - FLYING

FUNDING DOCUMENT & REVEAL LEGAL STATUTORY AND/OR REGULATORY LIMITATIONS REPORTABLE PER AFR 177-16. FUNDS SHALL NOT BE DISTRIBUTED, NOR OBLIGATIONS AUTHORITY SHOWN OR (2) DIRECT FUNDS PLUS VALID EARNED REIMBURSEMENTS. EARNED. REIMBURSEMENT AUTHORITY IS AVAILABLE TO THE EXTENT REALIZED AS OBLIGATIONS SHALL NOT BE AUTHORIZED OR INCURRED IN EXCESS OF THE AMOUNT REPROGRAMMING OF QUARTERLY AUTHORITY IS ALLOWABLE BETWEEN MFP(S) FOR THE 1ST PROGRAM EXCEEDS THE ANNUAL MFP LIMITATIONS AND THE SUM OF DIRECT PLUS TOTAL OBLIGATIONAL AUTHORITY OF THE QUARTER.

TERRITORY COUNTER--NARCOTIC PLANS ARE INCLUDED IN MISSION FORCES (A5) AND/OR

MAY ONLY BE OBLIGATED OR EXPENDED IN SUPPORT OF APPROVED PLANS OR A VIOLATION FUNDING FOR OCONUS (ESP CODE DJ/DK) IS DISTRIBUTED BY MAJCOMS AND SUBJECT TO

DISTRIBUTION ELEMENT OF EXPENSE THAT IDENTIFIES FAIR SHARE/SEQUESTER

WARR

LINE ITEM REMARKS:

\$16.2 FOR RPR ROOFS JKSE902014/\$15.3 RPR APRON JKSE922007/\$9.9 ALTER GP/HANGAR SHOPS JKSE922024/\$12.9 RELOC SHOPS BLDGS 21 &

GENERAL REMARKS:

FOOTNOTE NARRATIVE:

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B. THE CONTINGENCIES LIMITATION IS A CEILING ONLY (FORADSN 415300 ONLY).

C. FUNDS ISSUED IN SUPPORT OF OSD APPROVED STATE/VS TERRITORY COUNTER--NARCOTIC PLANS ARE INCLUDED IN MISSION FORCES (A5) AND/OR DEPOT MAINTENANCE (B5). THESE AMOUNTS (ESP CODE DI) MAY ONLY BE OBLIGATED OR EXPENDED IN SUPPORT OF APPROVED PLANS OR A VIOLATION OF AFR 177-16 WILL BE INCURRED. DRUG INTERDICTION FUNDING FOR OCONUS (ESP CODE DJ/DK) IS DISTRIBUTED BY MAJCOMS AND SUBJECT TO MAJCOM APPROVAL AUTHORITY AND MAY NOT BE USED FOR OTHER PROJECTS WITHOUT MAJCOM APPROVAL.

D. EEIC 999XX (XX=PROGRAM CODE) IS ANGRC'S DISTRIBUTION ELEMENT OF EXPENSE THAT IDENTIFIES FAIR SHARE/SEQUESTER REDUCTIONS

E. 4TH QUARTER FUNDING FOR CIV PAY WILL BE RETAINED ATNGB PENDING FINAL ADJUSTMENTS RELATIVE TO FORCE STRUCTURE AND FACT OF LIFE CHANGES.

F. PROVIDE COMFORT--PROPER ACCOUNTING AND CODING (ESP (ESP(S)) IS ESSENTIAL TO TRACK AND REPORT THIS HIGH VISABILITY PROGRAM. CARE SHOULD BE EXERCISED AT ALL TIMES TO ACCURATELY ACCOUNT AND REPORT PROVIDE COMFORT OBLIGATIONS.

G. SPECIFIC GUIDANCE IS AVAILABLE IN THE ANG FY93 FINANCIAL GUIDANCE LTR AND FROM THE ANGRC BUDGET ANALYSTS.

H. FUNDING ISSUED FOR CONVERSIONS/ROBUSTING WILL BE IDENTIFIED WITH AN ISSUE EEIC OF XXX19. THE OBLIGATION FOR THESE FUNDS MUST INCLUDE THE ESP 7R. FAILURE TO RECORD THE CORRECT ESP WILL RESULT IN REVOCATION OF THESE FUNDS.

I. DLR--REPROGRAMMING IS NOT AVAILABLE.

A90	2,768,700.00	DLR FLYING
A95	1,055,300.00	DLR NON - FLYING

LINE ITEM REMARKS:

	AS OF	LINE
	YVMMDD	NBR
\$1,200 PER 17BFG FF DFT NELLIS, ESP 6H (ABA)		001
\$7.6 OIL/WATER SEPERATOR PROJECT WAAR922003		002
\$100,000 DLR ADJUSTMENT PER ANGRC/LGS (ABA)		003

GENERAL REMARKS:

PREPARED 93 APR 08

O AND M NET CHANGE LIST

AS OF 93 APR 01,

PCN SH082-F3L4

OAC: 41 FY: 93

DOCUMENT NBR 011

LINE	FC NBR	OBAN	MFP	PE	EEIC	S-C	SUB LIMIT	1ST. QUARTER	2ND. QUARTER	3RD. QUARTER	ANNUAL
58	001	H3	05A		57190			.00	.00	.00	6,300.00
58	002	H3	05A		59215			.00	.00	.00	6,300.00-
58	003	H3	05A		60972			.00	.00	.00	8,800.00
					DIRECT O+M OBLIGATION AUTHORITY			.00	.00	.00	8,800.00
					REIMB O+M OBLIGATION AUTHORITY			.00	.00	.00	.00
					05A TOTAL O+M OBLIGATION AUTHORITY			.00	.00	.00	8,800.00
58					DIRECT O+M OBLIGATION AUTHORITY			.00	.00	.00	8,800.00
					REIMB O+M OBLIGATION AUTHORITY			.00	.00	.00	.00
					TOTAL O+M OBLIGATION AUTHORITY			.00	.00	.00	8,800.00

FOOTNOTE NARRATIVE:

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A. STATUTORY/REGULATORY LIMITATIONS--VIOLATIONS ARE REPORTABLE PER AFR 177-16. FUNDS SHALL NOT BE DISTRIBUTED, NOR OBLIGATIONS AUTHORIZED OR INCURRED, IN EXCESS OF (1) THE TOTAL AUTHORITY SHOWN OR (2) DIRECT FUNDS PLUS VALID EARNED REIMBURSEMENTS. EARNED. REIMBURSEMENT AUTHORITY IS AVAILABLE TO THE EXTENT REALIZED AS OBLIGATIONS SHALL NOT BE AUTHORIZED OR INCURRED IN EXCESS OF THE AMOUNT REPROGRAMMING OF QUARTERLY AUTHORITY IS ALLOWABLE BETWEEN MFP(S) FOR THE 1ST THREE QUARTERS OF THE FISCAL YEAR PROVIDED NO QUARTERLY PROGRAM EXCEEDS THE ANNUAL MFP LIMITATIONS AND THE SUM OF DIRECT PLUS REIMBURSABLE PROGRAM DOES NOT EXCEED THE CUMULATIVE TOTAL OBLIGATIONAL AUTHORITY OF THE QUARTER.

B. THE CONTINGENCIES LIMITATION IS A CEILING ONLY (FORADSN 415300 ONLY).

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D. EEIC 999XX (XX=PROGRAM CODE) IS ANGRC'S DISTRIBUTION ELEMENT OF EXPENSE THAT IDENTIFIES FAIR SHARE/SEQUESTER REDUCTIONS

E. 4TH QUARTER FUNDING FOR CIV PAY WILL BE RETAINED ATNGB PENDING FINAL ADJUSTMENTS RELATIVE TO FORCE STRUCTURE AND FACT OF LIFE CHANGES.

F. PROVIDE COMFORT--PROPER ACCOUNTING AND CODING (ESP (ESP(S)) IS ESSENTIAL TO TRACK AND REPORT THIS HIGH VISABILITY PROGRAM. CARE SHOULD BE EXERCISED AT ALL TIMES TO ACCURATELY ACCOUNT AND REPORT PROVIDE COMFORT OBLIGATIONS.

G. SPECIFIC GUIDANCE IS AVAILABLE IN THE ANG FY93 FINANCIAL GUIDANCE LTR AND FROM THE ANGRC BUDGET ANALYSTS.

H. FUNDING ISSUED FOR CONVERSIONS/ROBUSTING WILL BE IDENTIFIED WITH AN ISSUE EEIC OF XXX19. THE OBLIGATION FOR THESE FUNDS MUST INCLUDE THE ESP 7R. FAILURE TO RECORD THE CORRECT ESP WILL RESULT IN REVOCATION OF THESE FUNDS.

I. DLR--REPROGRAMMING IS NOT AVAILABLE.

A90	2,768,700.00	DLR FLYING
A95	1,055,300.00	DLR NON - FLYING

LINE ITEM REMARKS:

	AS OF	LINE
	YYMMDD	NBR
\$1,300 FOR LTC BUD MAY		001
\$900 ESP 2P SENTRE VIGILANCE		002
PROJECT WAAR932534 UST TESTING \$9,400		003
\$18,300 ESP DJ IN SUPPORT OF ANGLE REBOUND/PACER BANDIT		004

GENERAL REMARKS:

NON-DBOF COST TABLES AT
WPAFB

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 88TH AIR BASE WING (AFMC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

13 JAN 1995

MEMORANDUM FOR SEE DISTRIBUTION

FROM: 88 ABW/CC

SUBJECT: Support Agreement Catalog of Services

1. The support agreement catalog is a brief description of all base operating support services offered by the various activities located on Wright-Patterson Air Force Base (WPAFB). The catalog provides a description of the services, the basis for the reimbursement, and the per unit cost associated with the service.
2. The support agreement program is mandated by DODI 4000.19, AFI 25-201, and AFPD 25-2, which provides the guidance on reimbursable charges to customers receiving base operating support.
3. This catalog is provided to all new and existing customers requiring support and forms the basis for the development of a support agreement. The descriptions may not list in detail every task performed, but are intended to be a representation of the normal day-to-day support offered to our customers. We strongly encourage our customers to use the description as outlined thus eliminating the need for retyping.
4. The 88 ABW/XPP Plans and Programs Division is the overall monitor for the support agreement program at WPAFB. If you have any questions or recommendations for improvement to the catalog, please call DSN 787-6291.


WILLIAM B. ORELLANA
Colonel, USAF
Commander

SUPPORT AGMT BOILER PLATE (NON-DBOF ACTIVITIES)				SUPPORT AGREEMENT			
1. AGREEMENT NUMBER <i>(Provided by Supplier)</i>		2. SUPERSEDED AGREEMENT NO. <i>(If this replaces another agreement)</i>		3. EFFECTIVE DATE (YYMMDD)		4. EXPIRATION DATE <i>(May be "Indefinite")</i>	
FB2300-XXXXXX-XXX		FB2300-XXXXXX-XXX		XXXXXX		Indefinite	
5. SUPPLYING ACTIVITY				6. RECEIVING ACTIVITY			
a. NAME AND ADDRESS 88TH AIR BASE WING (ASC) 88TH ABW/XP BLDG 110 RM 113 5440 SKEEL AVENUE WRIGHT-PATTERSON AFB OH 45433-5237				a. NAME AND ADDRESS RECEIVER'S FULL MAILING ADDRESS			
b. MAJOR COMMAND AIR FORCE MATERIEL COMMAND				b. MAJOR COMMAND RECEIVER'S MAJCOM			
7. SUPPORT PROVIDED BY SUPPLIER							
a. SUPPORT <i>(Specify what, when, where, and how much)</i>				b. BASIS FOR REIMBURSEMENT		c. ESTIMATED REIMBURSEMENT	
A. MANDATORY SUPPORT CATEGORIES				(UNIT COST)			
A1 CHAPEL AND CHAPLAIN SERVICES				ASGN MIL PER @ \$5.17			
A2 COMMAND ELEMENT							
A2.1 BASE PLANS AND PROGRAMS				ASGN PER @ \$2.49			
A2.1.1 INSTALLATION DEPLOYMENT OFFICE							
A2.2 PUBLIC AFFAIRS				ASGN PER @ \$0.36			
A2.3 SOCIAL ACTIONS				ASGN PER @ \$2.11			
A2.4 EQUAL EMPLOYMENT OPPORTUNITY				ASGN PER @ \$0.32			
A2.5 HISTORY OFFICE				ASGN PER @ \$0.00			
A2.6 ASSISTANT TO THE COMMANDER FOR QUALITY				ASGN PER @ \$0.19			
A2.7 AF RESERVE ADVISOR				ASGN PER @ \$0.02			
A2.8 MANPOWER OFFICE				ASGN PER @ \$0.82			
ADDITIONAL SUPPORT REQUIREMENTS ATTACHED: <input checked="" type="checkbox"/> YES				<input type="checkbox"/> NO			
8. SUPPLYING COMPONENT				9. RECEIVING COMPONENT			
a. COMPTROLLER SIGNATURE		b. DATE SIGNED		a. COMPTROLLER SIGNATURE		b. DATE SIGNED	
c. APPROVING AUTHORITY				c. APPROVING AUTHORITY			
(1) Typed Name				(1) Typed Name			
(2) Organization		(3) Telephone Number		(2) Organization		(3) Telephone Number	
(4) Signature		(5) Date Signed		(4) Signature		(5) Date Signed	
10. TERMINATION (Complete only when agreement is terminated prior to scheduled expiration date.)							
a. APPROVING AUTHORITY SIGNATURE		b. DATE SIGNED		c. APPROVING AUTHORITY SIGNATURE		d. DATE SIGNED	

11. GENERAL PROVISIONS (Complete blank spaces and add additional general provisions as appropriate: e.g., exceptions to printed provisions, additional parties to this agreement, billing and reimbursement instructions.)

- a. The receiving components will provide the supplying component projections of requested support. (Significant changes in the receiving component's support requirements should be submitted to the supplying component in a manner that will permit timely modification of resource requirements.)
- b. It is the responsibility of the supplying component to bring any required or requested change in support to the attention of (Line 7) RECEIVER POINT OF CONTACT (ORGANIZATION/FULL ADDRESS) prior to changing or cancelling support.
- c. The component providing reimbursable support in this agreement will submit statements of costs to: (Line 10) RECEIVER COMPTROLLER FULL ADDRESS _____
- d. All rates expressing the unit cost of services provided in this agreement are based on current rates which may be subject to change for uncontrollable reasons, such as legislation, DoD directives, and commercial utility rate increases. The receiver will be notified immediately of such rate changes that must be passed through to the support receivers.
- e. This agreement may be cancelled at any time by mutual consent of the parties concerned. This agreement may also be cancelled by either party upon giving at least 180 days written notice to the other party.
- f. In case of mobilization or other emergency, this agreement will remain in force only within supplier's capabilities.

(Line 38)

(see page 8.)

ADDITIONAL GENERAL PROVISIONS ATTACHED: YES NO

12. SPECIFIC PROVISIONS (As appropriate: e.g., location and size of occupied facilities, unique supplier and receiver responsibilities, conditions, requirements, quality standards, and criteria for measurement/reimbursement of unique requirements.)

SEE PAGES 9 THRU 37.

ADDITIONAL SPECIFIC PROVISIONS ATTACHED: YES NO

SUPPORT AGREEMENT BOILER PLATE (NON DBOF ACTIVITIES)

BLOCK 7A. MANDATORY SUPPORT CATEGORIES (Continued)

7A CONT'D (Specify what, when, where, and how much)

A2.9 INSPECTOR GENERAL

A2.10 PROTOCOL OFFICE

A2.11 FAMILY SUPPORT CENTER

A2.12 CONSOLIDATED COMMAND POST

A3 COMMON USE FACILITY OPERATIONS

A4 DISASTER PREPAREDNESS

A5 ENVIRONMENTAL COMPLIANCE

A6 FIRE PROTECTION

A7 LIBRARIES

A8 MORALE AND FITNESS SUPPORT

A9 POLICE SERVICES

A9.1 RESOURCE PROTECTION & LAW ENFORCEMENT

A9.1.1 COMBAT ARMS (CATM) TRAINING

A9.2 INFORMATION SECURITY

A9.3 INDUSTRIAL, PERSONNEL & PHYSICAL SECURITY

A10 SAFETY

A10.1 GROUND SAFETY

A10.2 FLIGHT SAFETY

A10.3 WEAPONS SAFETY

A11 SHUTTLE SERVICES

BASIS FOR REIMBURSEMENT/UNIT COST	ESTIMATED REIMBURSEMENT
ASGN PER @ \$0.09	
ASGN PER @ \$0.00	
ASGN PER @ \$1.20	
ASGN PER @ \$0.24	
SQ FT @ \$0.14	
ASGN PER @ \$6.36	
ASGN PER @ \$16.90	
SQ FT @ \$0.01	
ASGN PER @ \$7.21	
ASGN PER @ \$25.14	
ASGN PER @ \$23.87	
ASGN PER	
ASGN PER	
ASGN PER	
ASGN PER @ \$1.10	
ASGN PER	
ASGN PER	
ASGN PER	
BILLED BY TRANSPORTATION (SHOP RATE) @ \$49.74	

SUPPORT AGREEMENT BOILER PLATE (NON DBOF ACTIVITIES)

B. OPTIONAL SUPPORT CATEGORIES

7A CONT'D (Specify what, when, where, and how much)

- B1 ADMINISTRATIVE SERVICES
 - B1.1 RECORDS MANAGEMENT
 - B1.2 MAIL SERVICE
 - B1.2.1 DOCUMENT CONTROL AND HANDLING
 - B1.2.2 PERSONNEL LOCATOR
 - B1.3 FORMS AND PUBLICATIONS
 - B1.4 COPIER PROGRAM
- B2 AUDIO/VISUAL SERVICES
- B3 AUTOMATED DATA PROCESSING AND AUTOMATION SERVICES
 - B3.1 APPLICATION AND DATABASE SUPPORT
 - B3.2 WPAFB DISTRIBUTED DIRECTORY SERVICE
 - B3.3 LOCAL AREA NETWORK (LAN) SUPPORT
 - B3.4 WPAFB BULLETIN BOARD
 - B3.5 OTHER AUTOMATED DATA PROCESSING AND AUTOMATION SERVICES
- B4 CIVILIAN PERSONNEL SERVICES
- B5 CLUBS
- B6 COMMUNICATIONS
 - B6.1 BASE COMMUNICATIONS CENTER (BCC)
 - B6.2 TELEPHONE SERVICES
 - B6.3 OTHER COMMUNICATION SERVICES
- B7 COMMUNITY SUPPORT SERVICES

BASIS FOR REIMBURSEMENT/UNIT COST	ESTIMATED REIMBURSEMENT COST
ASGN PER @ \$215.89	
BILLED SEPARATELY BY AUDIO/VISUAL	
BILLED AS COST INCURRED	
BILLED AS COST INCURRED	
BILLED AS COST INCURRED	
BILLED AS COST INCURRED	
BILLED AS COST INCURRED	
ASGN CIV PER @ \$23.99	
MEMBERSHIP DUES ONLY	
NOT CURRENTLY REIMBURSABLE	
\$20 PER LINE PER MONT TIMES 12, PLUS DIRECT COST (WATS AND LONG DISTANCE)	
BILLED AS COST INCURRED	
ASGN PER @ \$1.72	

SUPPORT AGREEMENT BOILER PLATE (NON DBOF ACTIVITIES)

B. OPTIONAL SUPPORT CATEGORIES (CONTD)

7A CONT'D (Specify what, when, where, and how much)

B9 CUSTODIAL SERVICES

B10 EDUCATION/TRAINING SERVICES

B10.1 EDUCATION SERVICES

B10.2 TRAINING SERVICES

B11 ENGINEERING SUPPORT

B12 EQUIPMENT OPERATIONS, MAINTENANCE, AND REPAIR

B12.1 VEHICLES

B12.1.1 VEHICLE OPERATIONS

B12.1.2 VEHICLE MAINTENANCE

B12.2 CONTRACT MAINTENANCE REPAIR SERVICE

B14 FACILITIES AND REAL PROPERTY

B15 FACILITY MAINTENANCE AND REPAIR

B16 FINANCE AND ACCOUNTING

B17 FOOD SERVICES

B18 HEALTH SERVICES

B18.1 BIOENVIRONMENTAL ENGINEERING

B18.2 MILITARY PUBLIC HEALTH

B18.3 OCCUPATIONAL HEALTH

B18.4 MEDICAL MATERIEL

B18.5 BIOMEDICAL EQUIPMENT REPAIR

B18.6 MEDICAL RESERVE AFFAIRS, NURSING STAFF, CHIEF ENLISTED ADMINISTRATOR

BASIS FOR REIMBURSEMENT/UNIT COST	ESTIMATED REIMBURSEMENT
SQ FT (PERCENT OF CONTRACT) @ \$0.73	
ASGN PER @ \$18.73	
ASGN PER @ \$8.09	
BILLED SEPARATELY BY CIVIL ENG (SHOP RATE)	
BILLED SEPARATELY	
BILLED SEPARATELY	
BILLED SEPARATELY	
BILLED SEPARATELY	
INCLUDED IN B12	
BILLED SEPARATELY BY CIVIL ENG (SHOP RATE)	
ASGN PERS	
ASGN MIL PER @ \$111.53	
TDY FUND CITE & O&M COSTS	BILLED SEPARATELY
TDY FUND CITE OF RECEIVER	BILLED SEPARATELY
TDY FUND CITE OF RECEIVER	BILLED SEPARATELY
TDY FUND CITE & SUPPLIES	BILLED SEPARATELY
ACTUAL COST OF MATERIELS/O&M	BILLED SEPARATELY
TDY FUND CITE OF RECEIVER/COST OF MATERIELS	BILLED SEPARATELY
TDY COSTS OF OFF-BASE SUPPORT	BILLED SEPARATELY

SUPPORT AGREEMENT BOILER PLATE (NON DBOF ACTIVITIES)

B. OPTIONAL SUPPORT CATEGORIES (CONTD)

7A CONT'D (Specify what, when, where, and how much)

B19 HOUSING AND LODGING SERVICES

B19.1 HOUSING

B19.2 LODGING

B21 INSTALLATION RETAIL SUPPLY AND STORAGE OPERATIONS

B21.1 SUPPLIES AND EQUIPMENT

B21.2 BENCH STOCK

B22 LAUNDRY AND DRY CLEANING

B23 LEGAL SERVICES

B24 MILITARY PERSONNEL SUPPORT/BASE INDIVIDUAL MOBILIZATION AUGMENTEE ADMINISTRATOR

B24.1 MILITARY PERSONNEL SUPPORT

B24.2 BASE INDIVIDUAL MOBILIZATION AUGMENTEE ADMINISTRATOR

B26 MORTUARY SERVICES

B28 PURCHASING AND CONTRACT SERVICES

B29 REFUSE COLLECTION AND DISPOSAL

B30 RESOURCE MANAGEMENT

B32 TRANSPORTATION SERVICES

B32.1 HOUSEHOLD GOODS

B32.2 PASSENGER TRAVEL/SERVICES

B32.3 FREIGHT TRAFFIC

B32.4 AIR FREIGHT

BASIS FOR REIMBURSEMENT/UNIT COST	ESTIMATED REIMBURSEMENT
ASGN MIL PER @ \$8.94	
ASGN MIL PER @ \$4.77	
ASGN MIL PER @ \$4.17	
PRORATA SHARE OF RETAIL SALES	
BILLED SEPARATELY	
BILLED SEPARATELY	
ASGN MIL PER @ \$29.27	
ASGN PER @ \$33.04	
ASGN MIL PER @ \$5.97	
ASGN MIL PER	
ASGN MIL PER @ \$10.66	
NO. OF CONTRACTS/ TRANSACTIONS (BILLED SEPARATELY)	
ACTUAL COST (% OF CONTRACT)	
ASGN PER	
BILLED SEPARATELY	
BILLED SEPARATELY	
BILLED SEPARATELY	
BILLED SEPARATELY	
BILLED SEPARATELY	

SUPPORT AGREEMENT BOILER PLATE (NON DBOF ACTIVITIES)

B. OPTIONAL SUPPORT CATEGORIES (CONTD)

7A CONT'D (Specify what, when, where, and how much)

B33 UTILITIES

B34 WEATHER SERVICE

B35 OTHER SUPPORT (AFI 25-201)

B35.2 AIRFIELD OPERATIONS

B35.3 AMMUNITION/MUNITIONS

B35.5 BASE OPERATIONS

B35.6 CLOTHING AND TEXTILES

B35.6.1 INDIVIDUAL EQUIPMENT UNIT

B35.6.2 LINEN EXCHANGE

B35.9 GEODETIC SUPPORT

B35.19 PRECISION MEASUREMENT EQUIPMENT LABORATORY (PMEL)

B35.21 RECORDS AND FORMS - FLIGHT MANAGEMENT

B35.24 SUGGESTION PROGRAM/PRODUCTIVITY ENHANCING CAPITAL INVESTMENT (PECI) PROGRAMS

B35.25 SURVIVAL EQUIPMENT MAINTENANCE

B35.29 AEROSPACE GROUND EQUIPMENT (AGE)

BASIS FOR REIMBURSEMENT/UNIT COST	ESTIMATED REIMBURSEMENT
SQ FT @ \$2.25 (ESTIMATE) BILLED SEPARATELY	
PRORATA SHARE OF AIRFIELD USAGE	
PRORATA SHARE OF USAGE	
INCLUDE IN B21	
PRORATA SHARE OF USAGE	
INCLUDE IN B22	
BILLED SEPARATELY	
INCLUDE IN B22	
PRORATA SHARE OF USAGE	
HOURLY RATE FOR REPAIR SVCS @ \$22.00	
PRORATA SHARE OF USAGE	
INCLUDED IN A2	
PRORATA SHARE OF USAGE	
PRORATA SHARE OF USAGE	

DISTRIBUTION

HQ AFMC/XPX

ASC/ASI/CCD/CCP/CCV/HO/IG/MOC/MOS/PA/PKWXA/QI/SEG

74 MDSS/SGSR

88 ABW/CP/EMX/FMB/JAC/HC/SL

88 CEG/CECX

88 CG/IMX/SCXP

88 LOG/LGMF/LGMM/LGMS/LGMT/LGMW

88 MSS/DPEE/DPF/DMAE

88 OSS/OSA/OSWB

88 SPS/SPAI

88 SPTG/DPCPA/SVX

88 SUPS/LGSPP

88 TRANS/LGTX

96 ABW/CC, 401 W. Van Metre St, Suite 106, Eglin AFB FL 32542-6802

95 ABW/CC, 1 S. Rosamond Blvd, Edwards AFB CA 93524-1032

656 ABS/CC, 100 Kindel Dr, Suite C318, Arnold AS TN 37389-3318

66 ABW/CC, 3 Robins St, Hanscom AFB MA 01731-1720

70 ABG/CC, 3203 Second St, Suite 1, Brooks AFB TX 78235-5304

75 ABW/CC, 7285 4th St, Hill AFB UT 84056-5206

72 ABW/CC, 7460 Second St, Suite 234, Tinker AFB OK 73145-9008

77 ABW/CC, 5241 Arnold Ave, Suite 1, McClellan AFB CA 95652-1087

76 ABW/CC, Suite 1, 205 S. Luke Dr, Kelly AFB TX 78241-5636

SMC/FM, 2430 E. El Segundo Blvd, Suite 2010, Log Angeles AFB CA 90245-4687

78 ABW/CC, 215 Page Rd, Suite 141, Robins AFB GA 31098-1662

AMARC/CC, 4890 S. Wickenburg Ave, Bldg 7507, Davis-Monthan AFB AZ 85707-4335

377 ABW/CC, 2000 Wyoming NE, Albuquerque NM 87117-5606

1391'S FOR MOVE TO WPAFB


UNITED STATES GOVERNMENT

2-Way Memo

Subject: *Bldg 58 for vehicle maintenance*

To : *1st Col Homer Smith*

INSTRUCTIONS	
Use routing symbols whenever possible.	
SENDER (Originator of message): Use brief, informal language. Conserve space. Forward original and one copy.	
RECEIVER (Replier to message): Reply below the message, keep one copy, return one copy.	

DATE OF MESSAGE <i>17 May 95</i>	ROUTING SYMBOL <i>CRD</i>
SIGNATURE OF ORIGINATOR 	
TITLE OF ORIGINATOR <i>1st Col</i>	

FOLD MESSAGE FOLD

Building 58 at Wright Patt has a total of 16160 S.F., As you can see the attached 1351 gives us 8360 S.F. of the building. The remainder would continue to be occupied by W.P.'s vehicle maintenance contractor. The building is in very bad shape and doesn't possess operable lifts, ventilation systems, oil water separator etc. The electrical system is substandard and asbestos and lead paint are present in large quantities. If the building is open without separation obviously we would need to renovate the entire 16160 S.F., I'm hoping to work up some specific costs soon.

From :

DATE OF REPLY	ROUTING SYMBOL
SIGNATURE OF REPLIER	
TITLE OF REPLIER	

Op-Ed

April 7, 1995 Page 7



U.S. Air Force Photo by Spencer P. Lane

current policies pertaining to travel advances. To ensure continuity in the future, all technicians have been briefed on current operating procedures.

Dining facilities crowded for Reserves

I've noticed that on the weekends we host Reserves, and it seems like almost every weekend, the dining facility becomes so crowded that people who live in the dormitories have a hard time finding a place to sit down and enjoy their food. I'm concerned about this because if this base is supposed to be growing in Reserves, as far as hosting it, it's not working.

Base reserve units hold two unit training assemblies at Wright-Patterson each month, usually the first and second weekends. Normally, the largest crowd gathers at the dining facility for the lunch meal, which runs from 10:30 to 1:30 p.m., but the peak period is from 11 a.m. to 12:15 p.m. when about 75 percent of the total customers are served. Records indicate that the average number of lunch meals that were served during February and March Reserve weekends was 412. There are 320 seats available in the dining area, and each customer stays 20 to 30 minutes per visit. With the number of seats available and the large turn-around in the dining room, seating is generally not a problem unless a customer is looking for a table or booth by themselves. If dining in doesn't fit your needs, the dining facility also offers a carry-out service.

The mission of our base dining facilities is to provide service to all authorized customers - Reservists and active duty members alike. It's unfortunate that you had a problem finding seating. As a remedy, you may try to avoid the peak period in the future.

ook
itive
e base.
ssage will be recorded. Please
ya can get back to you if we need
ay be sent electronically to E-mail
3.AF.MIL, or faxed to 476-1279.
y telephone. Items of general Inter-
Patterson community by publication

Saral K. Johnson
8th Air Base Wing Commander

PHONE NUMBERS

Military Personnel	72547
Base Exchange	76458
Commissary	72060, 77420
Medical Center	79131
Safety	54212
Aviation Pay	76006
Military Pay	72444
Travel	
Area A	76665
Area B	62396
Area C	76622

as told at military travel
checking account,
office. But then I was also
same office that if I
I could get a cash
straight scoop?
n Wright-Patterson train.

Better produce to come

I'm a faithful Commissary shopper - I know I save money there. However, the quality of produce available there is unacceptable. I spend more time digging through bruised apples, green bananas and brown lettuce than I do shopping for groceries. I

ATTACH
17

1. COMPONENT ANG		FY 19 <u>95</u> MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 May 95	
3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE OHIO			4. PROJECT TITLE BASE CLOSURE-ADD/ALTER MUNITIONS SHOPS			
5. PROGRAM ELEMENT 55296F		6. CATEGORY CODE 216-642	7. PROJECT NUMBER ZHIV959002		8. PROJECT COST (\$000) \$1400	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
BASE CLOSURE-ADAL MUNITION SHOPS		SF	12100			
ADD MUNITIONS MAINT SHOPS		SF	4600	120	552	
ADD TRAILER/EQUIP STORAGE		SF	4000	55	220	
ALTER MUNITIONS ADMIN		SF	3500	50	175	
SUPPORTING FACILITIES					160	
PAVEMENTS		LS			75	
UTILITIES		LS			30	
SITE IMPROVEMENTS		LS			55	
SUBTOTAL					1267	
CONTINGENCY				5%	63	
TOTAL CONTRACT COST					1330	
SUPERVISION, INSPECTION, AND OVERHEAD				6%	80	
TOTAL REQUEST					1410	
TOTAL REQUEST ROUNDED					1400	
10. DESCRIPTION OF PROPOSED CONSTRUCTION Reinforced concrete foundation and walls, structural system, and standing seam metal roofs to match existing base architectural style. Provide site development, pavements, utilities and pre-wired work stations as required to support the facility. Mechanical and electrical systems shall be provided to support the functions in the facility. Air Conditioning: 10 Tons						
11. REQUIREMENT: 12,100 SF ADEQUATE: 0 SF SUBSTANDARD: 3,500 SF PROJECT: Base Closure-Add/Alter Munitions Shops REQUIREMENT: The FY95 BRAC closure of Springfield-Beckley Municipal Airport Air Guard Station, Ohio requires the relocation of the 178FG to Wright-Patterson Air Force Base. The unit requires a properly configured and adequately sized facility to support the day-to-day operations and training requirements. CURRENT SITUATION: A Site Survey in April 1995 has determined there are no available facilities that meet the total requirement for admin and maint shops for the munitions function. Alteration of an existing facility will accommodate the admin requirements, and the construction of a new facility for shops for munitions build-up and storage of munitions equipment. IMPACT IF NOT PROVIDED: The munitions squadron will not be able to relocate to the base. The unit will not be able to meet training requirements without an adequate facility. ADDITIONAL: Funding is to be provided from the Base Closure Account. This project meets the criteria/scope specified in NGR(AF)86-2, "Air National Guard Planning Factors".						

1. COMPONENT ANG		FY 19 <u>95</u> MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 May 95		
3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE OHIO				4. PROJECT TITLE BASE CLOSURE- ADAL BASE DINING HALL			
5. PROGRAM ELEMENT 55296F		6. CATEGORY CODE 722351	7. PROJECT NUMBER ZHIV959007		8. PROJECT COST (\$000) \$720		
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
BASE CLOSURE-ADAL DINING HALL				LS			650
ADD DINING HALL				SF	3000	165	495
SUPPORTING FACILITIES							
PAVEMENTS				LS			75
UTILITIES				LS			30
SITE IMPROVEMENTS				LS			50
SUBTOTAL							650
CONTINGENCY						5%	33
TOTAL CONTRACT COST							683
SUPERVISION, INSPECTION AND OVERHEAD						6%	41
TOTAL REQUEST							724
TOTAL REQUEST ROUNDED							720
10. DESCRIPTION OF PROPOSED CONSTRUCTION							
Concrete foundation, structural system, wall sections, and standing seam metal roofs to match existing base architectural style. Provide site development, pavements, and utilities as required to support the facility. Mechanical and electrical systems shall be provided to support the functions in the facility.							
Air Conditioning: 10 Tons							
11. REQUIREMENT: 3000 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF							
PROJECT: Base Closure-Construct Addition Base Dining Hall							
REQUIREMENT: The FY95 BRAC closure of Springfield-Beckley Municipal Airport Air Guard Station, Ohio requires the relocation of the 178FG to Wright-Patterson Air Force Base. The unit requires a properly configured and adequately sized facility to support the day-to-day operations and training requirements.							
CURRENT SITUATION: A Site Survey in April 1995 has determined there are no facilities available at Wright-Patterson AFB, Ohio that can be modified to meet the needs of the unit. Construction of an addition is therefore required.							
IMPACT IF NOT PROVIDED: Long lines, work arounds and special scheduling would negatively impact quality of life and unit operations.							
ADDITIONAL: Funding is to be provided from the Base Closure Account. This project meets the criteria/scope specified in NGR(AF) 86-2, "Air National Guard Planning Factors:."							

1. COMPONENT ANG		FY 19 95 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 May 95	
3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE OHIO				4. PROJECT TITLE BASE CLOSURE-RESERVE FORCES COMM- ELECTRONICS TRAINING		
5. PROGRAM ELEMENT 55296F		6. CATEGORY CODE 171-447	7. PROJECT NUMBER ZHIV959001		8. PROJECT COST (\$000) \$5,050	
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	COST (\$000)
BASE CLOSURE-RESERVE FORCES C-E TRNG				LS		4519
RESERVE FORCES C-E TRNG				SF	20750	116 2407
AEROSPACE SUPPORT EQUIP & STORAGE				SF	1680	102 171
BASE SUPPLY & EQUIPMENT WAREHOUSE				SF	6160	80 493
PRE-WIRED WORK STATIONS				EA	45	4.4 198
SUPPORTING FACILITIES						625
PAVEMENTS				LS		300
UTILITIES				LS		125
SITE IMPROVEMENTS				LS		200
SUBTOTAL						4519
CONTINGENCY						5% 225
TOTAL CONTRACT COST						4744
SUPERVISION, INSPECTION, AND OVERHEAD						6% 285
TOTAL REQUEST						5029
TOTAL REQUEST ROUNDED						5050
10. DESCRIPTION OF PROPOSED CONSTRUCTION Concrete foundation, structural system, wall sections, and standing seam metal roofs to match existing base architectural style. Provide site development, pavements, utilities and pre-wired work stations as required to support the facility. Mechanical and electrical systems shall be provided to support the function in the facility. Air Conditioning: 40 Tons						
11. REQUIREMENT: 28,590 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF PROJECT: Base Closure-Reserve Forces C-E Training REQUIREMENT: The FY95 BRAC closure of Springfield-Béckley Municipal Airport Air Guard Station, Ohio requires the relocation of the 251CCG and 269 CCS to Wright-Patterson Air Force Base. The units require a properly configured and adequately sized facility to support the day-to-day operations and training requirements. CURRENT SITUATION: A Site Survey in April 1995 has determined there are no facilities available at Wright-Patterson AFB, Ohio that can be modified to meet the needs of the units. Construction of a new facility is therefore required to house the units. IMPACT IF NOT PROVIDED: The communication group and squadron will not be able to relocate to the base. Unit would not be able to meet training requirements without an adequate facility. ADDITIONAL: Funding is to be provided from the Base Closure Account. This project meets the criteria/scope specified in NGR)AF) 86-2, "Air National Guard Planning Factors".						

1. COMPONENT ANG	FY 95 MILITARY CONSTRUCTION PROJECT DATA <small>(computer generated)</small>	2. DATE 5 Apr 95
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3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE OHIO	4. PROJECT TITLE - BASE CLOSURE BASE CLOSURE-CONST PETROLEUM OPERATIONS BUILDING
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5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 121-111	7. PROJECT NUMBER ZHTV959005	8. PROJECT COST (\$000) \$450
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9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
BASE CLOSURE-CNST PETROLEUM OPS BLDG	LS			341
PETROLEUM OPS BUILDING	SF	1220	150	183
REFUELER VEHICLE PARKING	SY	1575	100	158
SUPPORTING FACILITIES				65
PAVEMENTS	LS			35
UTILITIES	LS			15
SITE IMPROVEMENTS	LS			15
SUBTOTAL				406
CONTINGENCY			5%	20
TOTAL CONTRACT COST				426
SUPERVISION, INSPECTION, AND OVERHEAD			6%	26
TOTAL REQUEST				452
TOTAL REQUEST ROUNDED				450

10. DESCRIPTION OF PROPOSED CONSTRUCTION:
Concrete foundation, structural system, wall sections, and standing seam metal roofs to match existing base architectural style. Provide site development, pavements, and utilities as required to support the facility. Mechanical and electrical systems shall be provided to support the functions in the facility.
Air Conditioning: 5 Tons

11. REQUIREMENT: 1,220 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF
PROJECT: Base Closure-Construct Petroleum Operations Building
REQUIREMENT: The FY 95 BRAC closure of Springfield-Beckley Municipal Airport Air Guard Station, Ohio requires the relocation of the 178FG to Wright-Patterson Air Force Base. The unit requires a properly configured and adequately sized facility to support the day-to-day operations and training requirements.
CURRENT SITUATION: A Site Survey in April 1995 has determined there are no facilities available at Wright-Patterson AFB, Ohio that can modified to meet the needs of the unit. Construction of a new facility is therefore required.
IMPACT IF NOT PROVIDED: The petroleum operations squadron will not be able to relocate to the base. Unit would not be able to meet training requirements without an adequate facility.
ADDITIONAL: Funding is to be provided from the Base Closure Account. This project meets the criteria/scope specified in NGR (AF) 86-2, "Air National Guard Planning Factors".

1. COMPONENT ANG		FY 19 95 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 May 95			
3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE OHIO				4. PROJECT TITLE BASE CLOSURE-ALTER VARIOUS FACILITIES FOR SUPPORT/OPERATION				
5. PROGRAM ELEMENT 55296F		6. CATEGORY CODE 442-758	7. PROJECT NUMBER ZHIV959003		8. PROJECT COST (\$000) \$8,800			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
BASE CLOSURE-ALTER VARIOUS FACILITIES FOR SUPPORT/OPERATIONS					LS			7535
BLDG 58-VEHICLE MAINTENANCE					SF	16160	70	1,131
BLDG 95-SUPPLY ADMIN/CE/AB/SP/					SF	27700	60	1,662
BLDG255-SUPPLY WAREHOUSE					SF	20000	40	800
BLDG 259-O&T/OPS/MED TRNG					SF	24200	70	1,694
BLDG 268-COMM/AUDIO VISUAL/CE					SF	12400	70	868
PRE-WIRED WORK STATIONS					EA	200	4.4	880
SUPPORTING FACILITIES								
SITE IMPROV/PAVEMENT FOR VEH MAINT					LS			500
SUBTOTAL								7,535
CONTINGENCY							10%	754
TOTAL CONTRACT COST								8,289
SUPERVISION, INSPECTION, AND OVERHEAD							6%	497
TOTAL REQUEST								8,786
TOTAL REQUEST ROUNDED								8,800
10. DESCRIPTION OF PROPOSED CONSTRUCTION Alter various buildings by moving walls and extending utilities. Construct new walls and provide utilities. Upgrade worn walls, ceiling and floor surfaces. Install pre-wired work stations. Provide site improvements and pavements for vehicle maintenance area. Air Conditioning : As Required								
11. REQUIREMENT: 100,460 SF ADEQUATE: 0 SF SUBSTANDARD: 100,460 SF PROJECT: Base Closure-Alter Various Facilities for Support/Operations REQUIREMENT: The FY95 BRAC closure of Springfield-Beckley Municipal Airport Air Guard Station, Ohio requires the relocation of the 178 FG to Wright-Patterson Air Force Base. The unit requires a properly configured and adequately sized facility to support the day-to-day operations and training requirements. Asbestos and lead paint abatement for bldgs 58, 259 & 268 CURRENT SITUATION: A Site Survey in April 1995 has determined the facilities available at Wright-Patterson AFB, Ohio can be modified to meet the needs of numerous support and operations requirements. the facilities will require various modifications before the unit can occupy the buildings. Mechanical, electrical and plumbing systems will also be modified. IMPACT IF NOT PROVIDED: The unit will not be able to relocate to Wright-Patterson AFB. Training requirements and operational readiness will be degraded. Unit morale will suffer. ADDITIONAL: Funding is to be provided from the Base Closure Account. This project meets the criteria/scope specified in NGR(AF)86-2, "Air National Guard Planning Factors".								

1. COMPONENT ANG		FY 19 95 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 May 95			
3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE OHIO				4. PROJECT TITLE BASE CLOSURE-ALTER VARIOUS FACILITIES FOR MAINTENANCE				
5. PROGRAM ELEMENT 55296F		6. CATEGORY CODE VARIOUS	7. PROJECT NUMBER ZHTV959004		8. PROJECT COST (\$000) \$3,800			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
BASE CLOSURE-ALTER VARIOUS FACILITIES FOR FOR MAINTENANCE					LS			3270
BLDG 91-FUEL CELL					SF	6500	30	195
BLDG 93-AEROSPACE GROUND EQUIP					SF	5700	30	171
BLDG 101-ENGINE SHOP/NDI/SURV EQUIP/ WEAPONS RELEASE/GP SHOPS					SF	35400	20	708
BLDG 103-AVIONICS/ECM POD STORAGE					SF	12000	25	300
BLDG 106-AVIONICS/PMEL					SF	2400	35	84
BLDG 144-POWER CHECK PAD					LS			200
BLDG 268-DCM/GP SHOPS/MAINT HANGAR					SF	22700	45	1022
PRE-WIRED WORK STATIONS					EA	100	4.4	440
APRON LIGHTING					LS			150
SUBTOTAL								3270
CONTINGENCY							10%	327
TOTAL CONTRACT COST								3597
SUPERVISION, INSPECTION, AND OVERHEAD							6%	216
TOTAL REQUEST								3813
TOTAL REQUEST ROUNDED								3800
10. DESCRIPTION OF PROPOSED CONSTRUCTION								
Alter various buildings by moving walls and extending utilities. Construct new walls and provide utilities. Upgrade worn walls, ceiling and floor surfaces. Install pre-wired work stations. Provide site improvements and pavements for power check pad fuel truck access. Air Conditioning: As Required.								
11. REQUIREMENT: 84,700 SF ADEQUATE: 0 SF SUBSTANDARD: 84,700 SF PROJECT: Base Closure-Alter Various Facilities for Maintenance REQUIREMENT: The FY 95 BRAC closure of Springfield-Beckley Municipal Airport Air Guard Station, Ohio requires the relocation of the 178 FG to Wright-Patterson Air Force Base. The unit requires a properly configured and adequately sized facility to support the day-to-day operations and training requirements. CURRENT SITUATION: A Site Survey in April 1995 has determined the facilities available at Wright-Patterson AFB, Ohio can be modified to meet the needs of numerous maintenance requirements. The facilities will require various modifications before the unit can occupy the buildings. Mechanical, electrical and plumbing systems will also be modified. IMPACT IF NOT PROVIDED: The unit will not be able to relocate to Wright-Patterson AFB. Training requirements and operation readiness will be degraded. Unit morale will suffer. ADDITIONAL: Funding is to be provided from the Base Closure Account. This project meets the criteria/scope specified in NGR(AF) 86-2, "Air National Guard Planning Factors".								

1. COMPONENT ANG		FY 19 <u>95</u> MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 May 95			
3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE OHIO			4. PROJECT TITLE BASE CLOSURE-DESIGN FUNDS					
5. PROGRAM ELEMENT 55296F		6. CATEGORY CODE 999-999	7. PROJECT NUMBER ZHIV959006		8. PROJECT COST (\$000) \$1700			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
BASE CLOSURE-DESIGN FUNDS					LS			1,700
SUBTOTAL								1,700
TOTAL CONTRACT COST								1,700
TOTAL REQUEST								1,700
10. DESCRIPTION OF PROPOSED CONSTRUCTION Design funds for FY 95 Base Realignment and Closure (BRAC) work necessary to relocate the 178th Fighter Group from Springfield-Beckley Municipal Airport Air Guard Station, Ohio to Wright-Patterson Air Force Base.								
11. REQUIREMENT: As Required PROJECT: Base Closure-Design Fund REQUIREMENT: Design funds are required to design the projects to relocate the 178FG to Wright-Patterson Air Force Base. CURRENT SITUATION: No design funds are available to develop the BRAC directed relocation projects. IMPACT IF NOT PROVIDED: Design of relocation projects cannot be developed. ADDITIONAL: The design funds are in support of six (6) MILCON projects in FY97. 3.5% (\$20,220,000) = 1,718,700								

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE, OHIO			4. PROJECT TITLE BC-USAFSAM PIPELINE STUDENT DORMITORY		
5. PROGRAM ELEMENT 7.28.06	6. CATEGORY CODE 721-312	7. PROJECT NUMBER ZHTV953363	8. PROJECT COST(\$000) 6,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
BC-USAFSAM PIPELINE STUDENT DORMITORY		SF	53,500	84	4,494
SUPPORTING FACILITIES					910
UTILITIES		LS			(225)
SITE IMPROVEMENTS		LS			(225)
PAVEMENTS		LS			(225)
COMMUNICATIONS SUPPORT		LS			(235)
SUBTOTAL					5,404
CONTINGENCY (5%)					270
TOTAL CONTRACT COST					5,674
SUPERVISION, INSPECTION AND OVERHEAD (6%)					340
TOTAL REQUEST					6,014
TOTAL REQUEST (ROUNDED)					6,000
10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, masonry walls, and pitched roof. Includes room-bath modules, laundries, storage and lounge areas and all supporting facilities. Air Conditioning: 178 Tons.					
11. REQUIREMENT: 181,498 SF ADEQUATE: 127,998 SF SUBSTANDARD: 0 PROJECT: BC -- USAFSAM Pipeline Student Dormitory REQUIREMENT: Because of the closure of Brooks AFB, beddown construction is required to support the relocation of the USAF School of Aerospace Medicine (USAFSAM) at Wright-Patterson AFB. A separate dormitory is required to house the USAFSAM enlisted students who are still in initial training status and must observe many of the rules of Basic Training. CURRENT SITUATION: The USAF School of Aerospace Medicine is currently located at Brooks AFB TX but will be relocated to WPAFB OH IAW the recommendations of the Base Realignment and Closure Commission. There is no suitable existing dormitory which can meet the separation needs of pipeline students. IMPACT IF NOT PROVIDED: The USAFSAM will be unable to relocate, thereby jeopardizing the closure of Brooks AFB. ADDITIONAL: Funding will be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of the Military Handbook 1190, "Facility Planning and Design Guide,"					

Brooks
191 personnel
133 card carrying enlisted

BRAC INFORMATION

SUBJECT: Springfield, Ohio BRAC Data

MAY 5 1995

QUESTION: Provide copies of minutes and other documents of meetings of the Air Force Materiel Command dealing with any base closure related move to Wright-Patterson AFB, OH, in the '95 BRAC round.

ANSWER: We have contacted Air Force Materiel Command and were informed they did not take any minutes or maintain documentation of any meetings on proposed moves to Wright-Patterson AFB.

QUESTION: Identify how much of Wright-Patterson's support services are housed off-base and how much of off-base services could be housed on base.

ANSWER: The organizations listed below use funds from EEIC 471 (leased space), EEIC 47105 (leased admin/office space) and EEIC 472 (leased data automation space). ASC/CY (the C-17 SPO) is scheduled to move back on base in September 1996 into the Acquisition Management Complex, Phase II, currently under construction.

<u>Organization</u>	<u>Leased Space Square Footage</u>	<u>Type of Space Leased</u>	<u>Annual Lease Cost (\$000)</u>
Base Spt Service Org	none	N/A	\$0.0
ASC/CY (C-17 SPO)	68,867 SF	Admin/Office	1,515.1
USAF Museum	47,000 SF	Warehouse	30.0

The organizations listed below lease space as a part of a service contract and the space is normally occupied by a relatively high percentage of contractor personnel with a smaller number of government personnel co-located in the space.

<u>Organization</u>	<u>Leased Space Square Footage</u>	<u>Type of Space Leased</u>	<u>Annual Cost (\$000)</u>	<u>Contractor Employees</u>	<u>Gov't Employees</u>
Materiel Systems Group	117,079 SF	Admin/Office	\$2,835.5	468	198
National Air Intel Center	8,000 SF	Admin/Office	108.0	5	0

<u>Organization</u>	<u>Leased Space Square Footage</u>	<u>Type of Space Leased</u>	<u>Annual Cost (\$000)</u>	<u>Contractor Employees</u>	<u>Gov't Employees</u>
Hdqtrs Support Group	14,000 SF	Warehouse	50.4	unk	0

Note: Materiel Systems Group employees working in leased space also have office space somewhere within the 86,713 SF of one-base space currently occupied by this organization.

Wright-Patterson AFB has substantial excess capacity on the base, however, the Air Force can not determine, at this time, how many of the above listed organizations could theoretically move-on base because the Air Force is currently relocating numerous organizations effected by base realignments and closures to Wright-Patterson as a result of the 1995 BRAC.

QUESTION: What were the operating costs of the 906th at Wright-Patterson? Include overhead and utility charges assessed by WPAFB.

ANSWER: The 906th Fighter Group FY93 support costs listed below are based on the 906th's occupation of a total of eight buildings, and 168,100 square feet. As an active duty host, WPAFB covered almost all facility support costs. In fact, the 906th did not reimburse WPAFB for any utility or real property maintenance costs. However, the 906th did relinquish manpower to the Air Force to cover these costs. The figures, which do not include any payroll costs, are as follows:

<u>Type</u>	<u>Cost (\$K)</u>
Leased Space	13.7
Minor Construction	79.1
Communications	53.1
Environmental Compliance	.7
<u>Misc Contracts</u>	<u>8.0</u>
Total	159.5



DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

FOR IMMEDIATE RELEASE

Contact: Wade Nelson
Chuck Pizer
John Earnhardt

BASE VISIT SCHEDULE ANNOUNCED BY COMMISSION

54 Bases To Be Visited

Washington, DC, March 21, 1995 -- The Defense Base Closure and Realignment Commission announced its schedule for visits to bases being considered for realignment and closure.

Fifty-four major installations proposed for closure or realignment are currently scheduled to receive a base visit by one or more Commissioners. Base visits provide an opportunity for Commissioners to view a base directly and to investigate first-hand many of the issues related to that base. The Base Public Affairs Officer should be contacted for visit specifics.

All dates are subject to change. Interested persons should contact the Commission prior to visits for confirmation of dates and Commissioners attending the visit.

Scheduled visits as of today:

March 22 -- Fort McClellan, AL	April 3 -- NAS Meridian, MS
March 23 -- Robins AFB, GA	Tinker AFB, OK
March 24 -- Defense Distribution Depot, TN	April 5 -- Reese AFB, TX
MacDill AFB, FL	Rome Lab, NY
Ft. Ritchie, MD	Griffiss AFB, NY
Letterkenny, PA	Seneca Army Depot, NY
March 27 -- Fort Leonard Wood, MO	April 6 -- NSWC Louisville, KY
NSWC Annapolis, MD	Red River Army Depot, TX
NSWC White Oak, MD	Brooks AFB, TX
March 28 -- Guam Installations	Bergstrom AFB, TX
Fort Pickett, VA	April 7 -- Defense Supply Center
Price Support Center, IL	Philadelphia, PA
March 29 -- Guam Installations	NCCOSC Warminster, PA
March 30 -- Minot AFB, ND	Selfridge Army Garrison, MI
Grand Forks AFB, ND	Detroit Arsenal, MI
March 31 -- Malmstrom AFB, MT	April 10 -- Pittsburgh Air Reserve Station,
April 1 -- ATCOM, MO	PA
	Fort Indiantown Gap, PA
	NAWC Indianapolis, IN

	Fort Indiantown Gap, PA	April 25	-- Sierra Army Depot, CA
	NAWC Indianapolis, IN	April 26	-- Fort Hunter Liggett, CA
April 11	-- Defense Distribution Depot		Onizuka Air Station, CA
	Columbus, OH		Moffett Air Guard Station, CA
	Dugway Proving Ground, UT	April 27	-- Long Beach Ship Yard, CA
	Defense Distribution Depot	April 28	-- Fort Buchanan, PR
	Ogden, UT	May 1	-- NUWC New London, CT
	Fort Chaffee, AR		Stratford Engine Plant, CT
	Savanna Depot, IL	May 2	-- Bayonne MOT, NJ
April 13	-- Fitzsimons AMC, CO	May 3	-- Fort Dix, NJ
	NAS South Weymouth, MA		NAWC Lakehurst, NJ
April 18	-- Kirtland AFB, NM		
April 24	-- Fort Greely, AK		

The Commission's regional hearing schedule, announced March 10, is as follows:

March 29	Guam
March 30	Grand Forks, North Dakota
March 31	Great Falls, Montana
April 4	Birmingham, Alabama
April 12	Chicago, Illinois
April 19	Dallas, Texas
April 20	Albuquerque, New Mexico
April 24	Delta Junction, Alaska
April 28-29	San Francisco, California
May 4	Baltimore, Maryland
May 5	New York City

30

DEPARTMENT OF THE AIR FORCE
OFFICE OF THE SECRETARY

MEMORANDUM

MAY 17

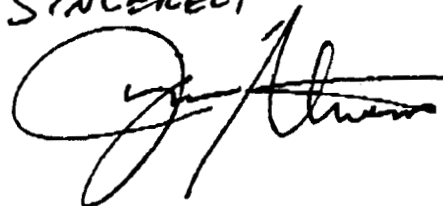
CONGRESSMAN HOBSON
MR. KENNY KRAFT

GENTLEMEN:

THIS PACKET CONTAINS
ALL THE INFORMATION THAT
WENT TO MR. DELED TO
PREPARE HIM FOR THE
18 MAY MEETING.

A SIMILAR PACKAGE
HAS GONE TO SEN. DELINE
AND SEN. GEND.

SINCERELY





DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE



16 MAY 1995

MEMORANDUM FOR SAF/US

FROM: AF/RT

SUBJECT: Data on Springfield-Beckley, OH ANG Units' Move to Wright Patterson AFB

Attached are the point papers, COBRA runs, and backup data that have been provided or will be provided to Congressman Hobson from Ohio. These are provided to prepare you for your 18 May 95 meeting with Congressman Hobson.

A handwritten signature in cursive script, reading "Jay D. Blume, Jr.".

JAY D. BLUME, Jr., Maj Gen, USAF
Special Assistant to the Chief of Staff
For Base Realignment and Transition

Attachments:

1. Springfield Issues Point Paper
2. Manpower Savings/Springfield to WPAFB
3. COBRA-Site Survey Difference Point Paper
4. Springfield Cost Data Briefing
5. Recommendation COBRA, (6 yrs ROI)
6. Cost Update COBRA, 10 May 95 (7 yrs ROI)
7. Cost Update COBRA, 11 May 95, (8 yrs ROI)
8. COBRA (10 yrs ROI)
9. COBRA (11 yrs ROI)
10. COBRA (11 yrs ROI)
11. COBRA (47 yrs ROI)
12. Recurring costs/recurring savings spreadsheet
13. AFMC/XP utility costs, ANG to AFMC bases
14. AFMC/XP manpower request, ANG to AFMC
15. AF/PEP BOS by Functional Area
16. Moving Cost Estimates
17. News article, WPAFB Dining Hall

**SPRINGFIELD ANGS, OHIO
COBRA RESULTS
and
OTHER ISSUES**

COBRAs

	<u>Recommendation COBRA</u>	<u>10 May 95 Update</u>	<u>Latest COBRA to Commission</u>
ROI	6 Years	7 Years	8 Years
NPV (2015)	-\$35.122 million	-\$29.703 million	-\$25.747 million
1-Time Costs	\$23.378 million	\$25.494 million	\$24.814 million
Annual Recurring Savings	-\$4.208 million	-\$3,959 million	-\$3.626 million

- denotes savings in COBRA

+ or no sign denotes a cost in COBRA

CONGRESSMAN HOBSON'S PROPOSALS

- Two proposals have been brought forward by Congressman Hobson's office from Springfield, Ohio

- First proposal

- Funds 100% (\$480,000) of Air Traffic Control and about 33 1/3% (\$400,000) of Crash, Fire, and Rescue

ROI	10 Years
NPV (2015)	-\$14.562 million
1-Time Costs	\$24.667 million
Annual Recurring Savings	-\$2.789 million

- Second proposal

- Funds 100% (\$480,000) of Air Traffic Control and about 50% (\$600,000) of Crash, Fire, and Rescue

ROI	11 Years
NPV (2015)	-\$12.019 million
1-Time Costs	\$24.634 million
Annual Recurring Savings	-\$2.598 million

Lt Col Bernie L. Kring/AF-RTR/NGB-XOPB/5-4665/15 May 95

ATTACH 1

- **Additional COBRAs**

-- Congressman Hobson has also asked for two additional COBRAs

-- **First additional COBRA**

--- Pays for all ATC (\$480,000) and 33 1/3% (\$400,000) of CFR

--- Also includes a dining hall addition for \$380,000

ROI	11 Years
NPV (2015)	-\$14.177 million
1-Time Costs	\$25.047 million
Annual Recurring Savings	-\$2.787 million

-- **Second additional COBRA**

--- Pays for all ATC (\$480,000) and 33 1/3% (\$400,000) of CFR

--- Includes the dining hall addition for \$380,000

--- Includes an increase of manpower to Wright Patterson (AFMC) from 13 to 39

(See manpower issues section this paper)

ROI	47 years
NPV (2015)	\$11.268 million cost
1-Time Costs	\$25.047 million
Annual Recurring Savings	\$966,000

ANNUAL RECURRING SAVINGS (ANG BUDGET FIGURES)

-- Personnel (22 authorizations)	\$1,026,000
-- Crash, Fire, Rescue	\$1,281,834
-- Security Agreement	\$ 579,300
-- Air Traffic Control	\$ 480,000
-- Airport Joint Use Agreement	\$ 25,723
Total	\$3,392,857 (FY 96 dollars)

ANNUAL RECURRING COSTS

- **Utilities are currently higher at Wright Patterson AFB**

-- 5 buildings of the proposed 13 the ANG would occupy are metered for electricity

-- All buildings would eventually be metered for electricity and water

-- The following table uses actual data from Springfield and estimates from HQ/AFMC

	<u>Springfield</u>	<u>WPAFB</u>	<u>Delta</u>
Electricity	\$349,756	\$257,291	\$92,465 higher at Springfield
Heat	\$94,266	\$288,574	\$194,308 higher at WPAFB
Water	\$7,316	\$5,653	\$1,663 higher at Springfield
Sewer	\$7,908	\$19,326	\$11,418 higher at WPAFB

- When all buildings are metered, electrical costs will probably decrease more at WPAFB
- Springfield has a new natural gas pipeline linking the base. Congressman Hobson's office has been given estimates that heating costs could go down about \$50,000 per year at Springfield.
- When metered, sewer costs are a function of water usage at either location
 - When all buildings are metered for water, the sewer costs should decrease at WPAFB
 - Water and sewer will probably be close to even when compared between the two locations
- At WPAFB, steam heat is on the base plant and is not metered
- **Higher utility costs estimate at WPAFB:**
 - \$194,308 (heat delta) - \$92,465 (electricity delta) = \$101,843
 - If electricity goes down even more with metering at WPAFB and the gas pipeline reduces heating costs at Springfield, the \$101,843 (rounded to \$100,000 for COBRA) higher utility costs at WPAFB could remain about constant
- **Annual Recurring Telephone costs are higher at WPAFB**

	<u>Springfield</u>	<u>WPAFB</u>	<u>Delta</u>
Telephone	\$13,347	\$82,080	\$68,733 higher at WPAFB
- Rounded to \$69,000 for COBRA input			

- **Total of Annual Recurring Utility Costs and Telephone costs**
- **\$169,000 higher at WPAFB**

MOVING COSTS

- Total moving costs are estimated at \$377,287, and this amount was put in COBRA

MANPOWER ISSUES

- **ANG identified 35 positions** that potentially would not transfer from Springfield to Wright Patterson AFB
- **AFMC wants 39 positions** as stated in a letter from Brigadier General Tattini, AFMC/XP
 - 39 positions were identified strictly by applying the AFI 38-204 and AFI 65-503 manpower programming formula to the ANG population that would relocate to Wright Patterson AFB
 - This number does not come from looking at each function, as would happen in drafting a host-tenant agreement, to define the services and manpower needed
- HQ/PEP, manpower requirements, will certify only 13 positions, 7 BOS positions and 6 Weapons Systems (Aircraft Ramp) Security, that would be added to manpower at Wright Patterson

- This number comes from a look at all BOS functions on an AF base such as would occur when drafting a host-tenant agreement
 - AF/PEP manpower figured the ANG would only need a fraction of the percentage of the regulations requirement in each identified function
 - The additional manpower percentage identified was 1.8% of the total of all functions identified that would probably have to be increased for the host to support the ANG
 - The 1.8% was multiplied by 400, the average daily ANG population (full time and drill as obtained from the personnel office at Springfield), to find the actual manpower that would be added to support the ANG
 - Result: 7 BOS positions
- The 6 Aircraft Security positions came from HQ USAF security police requirements
- Total current manpower savings as defined by Air Staff is 22
 - 35 - 13 = 22
- The numbers as identified by AF/PEP do, however, violate AFI 38-204 and AFI 65-503, which will be an issue with the Ohio Congressman and Senators

DINING HALL ISSUE

- The dining hall has been identified as being a potential issue
 - Congressman Hobson asked AF to include a dining hall in two COBRA runs which are the last two identified in the COBRA runs section of this paper
 - The BCEG voted against including a dining hall addition
 - Congressman Hobson has asked for the BCEG minutes on this subject, but they are still in coordination and will not be available in time for the 18 May meeting
 - AFMC has not validated a requirement for a dining hall addition
 - Attachment 16 is a newspaper article from the WPAFB paper addressing the issue

2

MANPOWER AUTHORIZATION SAVINGS

SPRINGFIELD TO WRIGHT PATTERSON AFB

- Congressman Hobson is making an issue of the proposed 22 manpower position savings as a result of the move from Springfield to Wright Patterson AFB
 - He feels the savings are as a result of force structure change, not as a result of a BRAC relocation
- The savings are not force structure related
 - The 35 baseline savings, by function, that ANGRC has identified are as listed
 - 17 Aircraft Security
 - 2 Bio-environmental (CIVIL ENGINEERING)
 - 4 Civil Engineering
 - 4 Communications
 - 7 Air Traffic Control
 - 1 Crash, Fire, Rescue (Supervisor)
- However, as identified by AF/PEP, WPAFB requires the ANG to give them 6 BOS billets and 7 Security billets for a total of 13
 - 35 (ANG baseline) - 13 (AF/PEP identified) = 22 savings

Lt Col Bernie L. Kring/NGB-XOPB/5-4665/16 May 95

DATA 119

SENT BY: ANGR/XP (PRGMS DIV) : 5-15-95 : 14:26 :

703 693 9707:# 2/ 2

3.

POINT PAPER**ON****COBRA versus SITE SURVEY RESULTS*****Purpose***

Inform Senior Leadership of the differences between the DoD Base Realignment and Closure (BRAC) model known as COBRA (Cost Of Base Realignment Actions) and the results of BRAC site surveys.

Discussion

Differences have been noted between briefings of site survey results, and the results of COBRA model runs. The following explanations are to assist in understanding these differences.

- COBRA is a modeling tool
 - COBRA has standard factors built into the model
 - Over-riding these factors is not allowed in most cases.
 - COBRA adds costs such as overhead, planning and programming.
 - All COBRA costs are stated in FY96 dollars.
- Site surveys are actual budget quality numbers.
 - Site survey data is intended to build a budget for a proposed move.
 - Various functional areas insure proper costs are captured
 - For BRAC95 briefings, site survey costs are in FY95 dollars.
- Specific differences between COBRA and Site Surveys.
 - COBRA contains no PCS costs for a move under 50 miles: Site Surveys contain appropriate PCS costs for each move.
 - COBRA does not contain environmental compliance or IRP clean-up costs; these are not BRAC costs: AF/RT requested these costs be included in each Site Survey summary.
 - COBRA inserts overhead costs, and shut-down costs: Site Surveys reflect AFBCA costs for shutting down facilities.
 - COBRA makes assumptions about the civilian (technician) population: Site Surveys reflect reality for each ANG unit

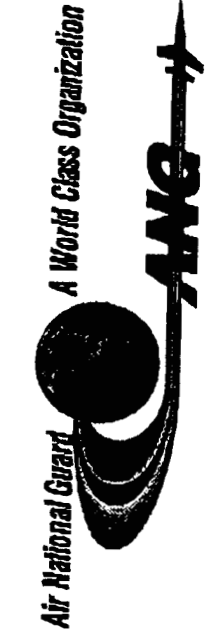
Conclusion

- COBRA, as a model, is used as an indicator. Site surveys reflect reality. Both are tools used by decision makers in the BRAC process. The differences between these two tools mean that there will never be an exact mirror image of each other. This lack of a mirror image does not lessen the value of either tool.

-- For example, a COBRA dated 11 May 1995 for Springfield OH lists one-time costs of \$24,814,000. Minus the environmental compliance and IRP costs, one-time costs from the Site Survey are \$23,680,000.

Capt Pacheco/XOPR/15 May 95/301-836-8796

ATTACH-2



5/10/95

ATTACH 2

BRAC95

Cost Data

Springfield OH to WPAFB

as of 10 May 1995
 OPR: ANG/XOPR

Air National Guard
A World Class Organization



ANG BRAC95 Springfield Summary

Close Springfield-Beckley Municipal Airport Air Guard Station Ohio and relocate the 178th Fighter Group, the 251st Combat Communications Group, and the 269th Combat Communications Squadron to Wright-Patterson AFB. Provide funds: (1) to close Springfield on 30 Sep 97 and realign affected ANG units; (2) for packing and shipping required equipment and personal property; (3) for civilian and military PCS movements; (4) for construction and/or alteration of necessary facilities at WPAFB; and to purchase necessary communications equipment at WPAFB.

<u>DESCRIPTION</u>	<u>96</u>	<u>97</u>	<u>98</u>	<u>99</u>	<u>00</u>	<u>01</u>	<u>TOTAL</u>
MILCON	0.0	14.34	0.0	0.0	0.0	0.0	14.34
DESIGN	1.20	0.0	0.0	0.0	0.0	0.0	1.20
OPS & MAINT	0.01	2.26	0.0	0.0	0.0	0.0	2.27
MILPERS	0.0	0.22	0.0	0.0	0.0	0.0	0.22
PROCUREMENT	0.0	0.65	0.0	0.0	0.0	0.0	0.65
ENVIRONMENTAL	0.2	0.07	5.44	0.4	0.0	5.95	12.06
TOTAL	1.41	17.54	5.44	0.4	0.0	5.95	30.74

ANG BRAC95 Springfield Overview

Decision 10 May 95
COBRA COBRA

ROI years	6	7
NPV in 2015 (\$k)	-35,122	-29,703
1-Time Cost (\$k)	23,378	25,494
Annual Recurring Savings (\$k)	-4,208	-3,959

ANG BRAC95 Springfield MILCON

AT Wright-Patterson AFB

FY96

Design

\$M

1.20

FY97

Communications-Electronics Trng

4.11

Add/Alter Munitions Shop

1.14

Alter five Facilities for Ops & Support

5.11

Alter six Aircraft Maintenance Facilities

3.38

Construct Petroleum Operations Building

0.40

Add Utility Meters

0.2

TOTAL MILCON

15.54

ANG BRAC95

Springfield O&M

<u>AT Springfield-Beckley</u>	<u>\$M</u>
<u>FY96</u>	
MAJCOM Travel - SATAF I	0.004
MAJCOM Travel - Base Review Conference	0.002
MAJCOM Travel - Base CE Presentation	0.002
<u>AT Wright-Patterson AFB</u>	
<u>FY97</u>	
MAJCOM Travel - SATAF II & III	0.007
Telephone System	0.046
Reconnect GSU Data Support	0.006
Reestablish CCTV	0.082
Move WPAFB Pager Antenna	0.021
LAN Fiber Distribution System	0.600
WAN Link for Combat Comm Units	0.042
Move and reestablish LAN	0.031

INPUT DATA REPORT (COBRA v5.08) - Page 3
 Date As Of 13:11 02/20/1995, Report Created 07:54 03/01/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\SPRINGFI.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: SPRINGFIELD, OH

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	-2	0	0	0	0
Civ Force Struc Change:	0	-14	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	-5	0	0	0	0
Civ Scenario Change:	0	-22	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: WRIGHT-PATTERSON, OH

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Maintenance	OTHER	47,500	0	4,570
Munitions	OTHER	29,500	0	3,800
POL	OTHER	1,500	0	310
Ops and Training	OTHER	5,000	0	790
Other	OTHER	30,650	0	4,320
BOS	OTHER	0	0	1,380
P&D	OTHER	0	0	1,370
Com Other	OTHER	24,900	0	3,830
Com BOS	OTHER	0	0	430
Com P&D	OTHER	0	0	430

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 Reimburs 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%

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%	

INPUT DATA REPORT (COBRA v5.08) - Page 4
 Data As Of 13:11 02/20/1995, Report Created 07:54 03/01/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\SPRINGFI.CBR
 Std Fetrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HMG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HMG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HMG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HMG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HMG Cost (\$/100Lb):	35.00	Routine PCS(\$/Per/Year):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	8,142.00
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
ROD & 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			

EXPLANATORY NOTES (INPUT SCREEN NINE)

NOTE \$1.2 M MILCON AVOIDANCE RESULTS FROM NOT MOVING

ANG FROM RICKENBACKER AND MOVING SPRINGFIELD TO

WRIGHT PATTERSON

ANG BRAC95

Springfield Recurring Costs

Without Metering

	<u>Springfield</u>	<u>WPAFB</u>	<u>Delta</u>
UTILITIES	459,246	603,000	143,754
PHONES	13,347	109,200	95,853
Recurring Cost Difference			239,607

Springfield numbers are FY94 actuals

WPAFB numbers based on formula provided by 88ABW/XPP

<u>BOS</u>	<u>ANG</u>	<u>AFMC</u>	<u>AIRSTAFF</u>
Initial	-35	+39	+13*
Current	-22	+13	

* 7 BOS positions, plus 6 Security Police positions



UPDATE

Department : AIR FORCE
Option Package : SPRINGFIELD FOCUSED
Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPRIN.CBR
Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.BTF

Starting Year : 1996
Final Year : 1997
ROI Year : 2004 (7 Years)

NPV in 2015(\$K): -29,703
1-Time Cost(\$K): 25,494

	Net Costs (\$K) Constant Dollars		1998	1999	2000	2001	Total	Beyond
	1996	1997						
MilCon	1,703	15,326	0	0	0	0	17,029	0
Person	0	-326	-894	-894	-894	-894	-3,902	-894
Overhd	261	195	-3,065	-3,065	-3,065	-3,065	-11,805	-3,065
Moving	0	782	0	0	0	0	782	0
Missio	0	0	0	0	0	0	0	0
Other	702	1,102	5,000	0	0	0	6,804	0
TOTAL	2,666	17,080	1,041	-3,959	-3,959	-3,959	8,908	-3,959

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	0	0
Enl	0	12	0	0	0	0	12
Civ	0	11	0	0	0	0	11
TOT	0	23	0	0	0	0	23
POSITIONS REALIGNED							
Off	0	7	0	0	0	0	7
Enl	0	42	0	0	0	0	42
Stu	0	0	0	0	0	0	0
Civ	0	244	0	0	0	0	244
TOT	0	293	0	0	0	0	293

0
12
11
23 } SHOULD BE
22 CIVILIAN

Summary:

CLOSE SPRINGFIELD ANG BASE AND RELOCATE FORCE STRUCTURE TO WRIGHT PATT

2826,103
\$2.956 MIL BOS

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPRIN.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

	Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	1,703	15,326	0	0	0	0	17,029	0
Person	0	307	212	212	212	212	1,155	212
Overhd	261	566	105	105	105	105	1,246	105
Moving	0	782	0	0	0	0	782	0
Missio	0	0	0	0	0	0	0	0
Other	702	1,102	5,000	0	0	0	6,804	0
TOTAL	2,666	18,084	5,317	317	317	317	27,017	317

	Savings (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	0	633	1,106	1,106	1,106	1,106	5,057	1,106
Overhd	0	371	3,170	3,170	3,170	3,170	13,051	3,170
Moving	0	0	0	0	0	0	0	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	0	1,004	4,276	4,276	4,276	4,276	18,108	4,276

NET PRESENT VALUES REPORT (COBRA v5.08)
 Data As Of 16:14 05/10/1995, Report Created 16:14 05/10/1995 .

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPRIN.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
1996	2,665,695	2,629,781	2,629,781
1997	17,079,650	16,398,579	19,028,360
1998	1,040,808	972,559	20,000,920
1999	-3,959,192	-3,600,561	16,400,359
2000	-3,959,192	-3,504,195	12,896,163
2001	-3,959,192	-3,410,409	9,485,754
2002	-3,959,192	-3,319,133	6,166,621
2003	-3,959,192	-3,230,300	2,936,321
2004	-3,959,192	-3,143,844	-207,523
2005	-3,959,192	-3,059,702	-3,267,225
2006	-3,959,192	-2,977,812	-6,245,037
2007	-3,959,192	-2,898,114	-9,143,152
2008	-3,959,192	-2,820,549	-11,963,701
2009	-3,959,192	-2,745,060	-14,708,761
2010	-3,959,192	-2,671,591	-17,380,352
2011	-3,959,192	-2,600,089	-19,980,441
2012	-3,959,192	-2,530,500	-22,510,941
2013	-3,959,192	-2,462,774	-24,973,715
2014	-3,959,192	-2,396,860	-27,370,575
2015	-3,959,192	-2,332,711	-29,703,286

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 16:14 05/10/1995, Report Created 16:14 05/10/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPRIN.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	17,029,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		17,029,000
Personnel		
Civilian RIF	18,190	
Civilian Early Retirement	4,198	
Civilian New Hires	0	
Eliminated Military PCS	69,132	
Unemployment	3,132	
Total - Personnel		94,652
Overhead		
Program Planning Support	456,391	
Mothball / Shutdown	327,500	
Total - Overhead		783,891
Moving		
Civilian Moving	0	
Civilian PPS	86,400	
Military Moving	0	
Freight	290,022	
One-Time Moving Costs	406,000	
Total - Moving		782,422
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	6,804,000	
Total - Other		6,804,000
Total One-Time Costs		25,493,966

One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		0

Total Net One-Time Costs		25,493,966

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)
Data As Of 16:14 05/10/1995, Report Created 16:14 05/10/1995

Department : AIR FORCE
Option Package : SPRINGFIELD FOCUSED
Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPRIN.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
-----	-----	-----	-----	-----	-----
SPRINGFIELD	0	0	0	0	0
WRIGHT-PATTERSON	17,029	0	0	0	17,029
-----	-----	-----	-----	-----	-----
Totals:	17,029	0	0	0	17,029

PERSONNEL SUMMARY REPORT (COBRA v5.08)

Data As Of 16:14 05/10/1995, Report Created 16:14 05/10/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPRIN.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

PERSONNEL SUMMARY FOR: SPRINGFIELD, OH

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
7	56	0	269

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	-2	0	0	0	0	-2
Students	0	0	0	0	0	0	0
Civilians	0	-14	0	0	0	0	-14
TOTAL	0	-16	0	0	0	0	-16

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
7	54	0	255

PERSONNEL REALIGNMENTS:

To Base: WRIGHT-PATTERSON, OH

	1996	1997	1998	1999	2000	2001	Total
Officers	0	7	0	0	0	0	7
Enlisted	0	42	0	0	0	0	42
Students	0	0	0	0	0	0	0
Civilians	0	244	0	0	0	0	244
TOTAL	0	293	0	0	0	0	293

TOTAL PERSONNEL REALIGNMENTS (Out of SPRINGFIELD, OH):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	7	0	0	0	0	7
Enlisted	0	42	0	0	0	0	42
Students	0	0	0	0	0	0	0
Civilians	0	244	0	0	0	0	244
TOTAL	0	293	0	0	0	0	293

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	-12	0	0	0	0	-12
Civilians	0	-11	0	0	0	0	-11
TOTAL	0	-23	0	0	0	0	-23

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: WRIGHT-PATTERSON, OH

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
3,709	2,993	0	14,109

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPRIN.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

PERSONNEL REALIGNMENTS:

From Base: SPRINGFIELD, OH

	1996	1997	1998	1999	2000	2001	Total
Officers	0	7	0	0	0	0	7
Enlisted	0	42	0	0	0	0	42
Students	0	0	0	0	0	0	0
Civilians	0	244	0	0	0	0	244
TOTAL	0	293	0	0	0	0	293

TOTAL PERSONNEL REALIGNMENTS (Into WRIGHT-PATTERSON, OH):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	7	0	0	0	0	7
Enlisted	0	42	0	0	0	0	42
Students	0	0	0	0	0	0	0
Civilians	0	244	0	0	0	0	244
TOTAL	0	293	0	0	0	0	293

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
3,716	3,035	0	14,353

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08)
 Data As Of 16:14 05/10/1995, Report Created 16:14 05/10/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPRIN.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	244	0	0	0	0	244
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
Civilians Moving (the remainder)		0	244	0	0	0	0	244
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	11	0	0	0	0	11
Early Retirement	10.00%	0	1	0	0	0	0	1
Regular Retirement	5.00%	0	1	0	0	0	0	1
Civilian Turnover	15.00%	0	2	0	0	0	0	2
Civs Not Moving (RIFs)*+		0	1	0	0	0	0	1
Priority Placement#	60.00%	0	6	0	0	0	0	6
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		0	244	0	0	0	0	244
Civilians Moving		0	244	0	0	0	0	244
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	1	0	0	0	0	1
TOTAL CIVILIAN RIFS		0	1	0	0	0	0	1
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	6	0	0	0	0	6
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

* 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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Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPRIN.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

ONE-TIME COSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total
-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION							
MILCON	1,703	15,326	0	0	0	0	17,029
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
OGM							
CIV SALARY							
Civ RIF	0	18	0	0	0	0	18
Civ Retire	0	4	0	0	0	0	4
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HMG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	0	86	0	0	0	0	86
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	73	0	0	0	0	73
Freight	0	215	0	0	0	0	215
Vehicles	0	2	0	0	0	0	2
Driving	0	0	0	0	0	0	0
Unemployment	0	3	0	0	0	0	3
OTHER							
Program Plan	261	195	0	0	0	0	456
Shutdown	0	327	0	0	0	0	327
New Hire	0	0	0	0	0	0	0
1-Time Move	0	406	0	0	0	0	406
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HMG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	69	0	0	0	0	69
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	702	1,102	5,000	0	0	0	6,804
TOTAL ONE-TIME	2,666	17,828	5,000	0	0	0	25,494

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/3
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Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPRIN.CBR
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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	61	61	61	61	246	61
BOS	0	43	43	43	43	43	216	43
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	212	212	212	212	212	1,060	212
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	255	317	317	317	317	1,523	317
TOTAL COST	2,666	18,084	5,317	317	317	317	27,017	317
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
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	0	0	0	0	0	0	
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	0	0	0	0	0	0	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	267	562	562	562	562	2,515	562
BOS	0	104	2,608	2,608	2,608	2,608	10,536	2,608
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	256	513	513	513	513	2,309	513
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	217	434	434	434	434	1,952	434
House Allow	0	159	159	159	159	159	796	159
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	1,004	4,276	4,276	4,276	4,276	18,108	4,276
TOTAL SAVINGS	0	1,004	4,276	4,276	4,276	4,276	18,108	4,276

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TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 3/3
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Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
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 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

ONE-TIME NET -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	
CONSTRUCTION								
MILCON	1,703	15,326	0	0	0	0	17,029	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	22	0	0	0	0	22	
Civ Moving	0	376	0	0	0	0	376	
Other	261	932	0	0	0	0	1,193	
MIL PERSONNEL								
Mil Moving	0	69	0	0	0	0	69	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	702	1,102	5,000	0	0	0	6,804	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	2,666	17,828	5,000	0	0	0	25,494	
RECURRING NET -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	-267	-500	-500	-500	-500	-2,269	-500
BOS	0	-61	-2,565	-2,565	-2,565	-2,565	-10,319	-2,565
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	-256	-513	-513	-513	-513	-2,309	-513
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	-217	-434	-434	-434	-434	-1,952	-434
House Allow	0	53	53	53	53	53	264	53
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	-749	-3,959	-3,959	-3,959	-3,959	-16,585	-3,959
TOTAL NET COST	2,666	17,080	1,041	-3,959	-3,959	-3,959	8,908	-3,959

BCA

B - A = C
 317 - 4276
 = -3959

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)
 Data As Of 16:14 05/10/1995, Report Created 16:14 05/10/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPRIN.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
SPRINGFIELD	-316	-100%	-262,000	-100%	829
WRIGHT-PATTERSON	293	1%	108,400	1%	370

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
SPRINGFIELD	-562,000	-100%	1,778	-2,607,952	-100%	8,253
WRIGHT-PATTERSON	61,488	1%	210	43,302	1%	148

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
SPRINGFIELD	-3,169,952	-101%	10,031
WRIGHT-PATTERSON	104,790	1%	358

RPMA/BOS CHANGE REPORT (COBRA v5.08)
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Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPRIN.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	-267	-500	-500	-500	-500	-2,269	-500
BOS Change	0	-61	-2,565	-2,565	-2,565	-2,565	-10,319	-2,565
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	-328	-3,065	-3,065	-3,065	-3,065	-12,589	-3,065

INPUT DATA REPORT (COBRA v5.08)
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Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
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 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name Strategy:

 SPRINGFIELD, OH Closes in FY 1997
 WRIGHT-PATTERSON, OH Realignment

Summary:

 CLOSE SPRINGFIELD ANG BASE AND RELOCATE FORCE STRUCTURE TO WRIGHT PATT

(See final page for Explanatory Notes)

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
SPRINGFIELD, OH	WRIGHT-PATTERSON, OH	28 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from SPRINGFIELD, OH to WRIGHT-PATTERSON, OH

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	7	0	0	0	0
Enlisted Positions:	0	42	0	0	0	0
Civilian Positions:	0	244	0	0	0	0
Student Positions:	0	0	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	48	0	0	0	0
Heavy/Special Vehicles:	0	50	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: SPRINGFIELD, OH

Total Officer Employees:	7	RPMA Non-Payroll (\$K/Year):	562	⇒ RPMA
Total Enlisted Employees:	56	Communications (\$K/Year):	0	
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	2,740	⇒ BOS
Total Civilian Employees:	269	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:	0.89	
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0	
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0	
Total Base Facilities(KSF):	262	CHAMPUS Shift to Medicare:	20.9%	
Officer VHA (\$/Month):	0	Activity Code:	SPRING	
Enlisted VHA (\$/Month):	0			
Per Diem Rate (\$/Day):	78	Homeowner Assistance Program:	No	
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No	

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPRIN.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: WRIGHT-PATTERSON, OH

Total Officer Employees:	3,709	RPMA Non-Payroll (\$K/Year):	11,009
Total Enlisted Employees:	2,993	Communications (\$K/Year):	5,714
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	0
Total Civilian Employees:	14,109	BOS Payroll (\$K/Year):	57,011
Mil Families Living On Base:	34.0%	Family Housing (\$K/Year):	11,777
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.89
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	18,046	CHAMPUS Shift to Medicare:	20.8%
Officer VHA (\$/Month):	116	Activity Code:	AF092
Enlisted VHA (\$/Month):	75		
Per Diem Rate (\$/Day):	93	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: SPRINGFIELD, OH

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	702	1,102	5,000	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	406	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(%):	100%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	100%	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):	262					
		Perc Family Housing ShutDown:				0.0%

Name: WRIGHT-PATTERSON, OH

	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%

(See final page for Explanatory Notes)

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPRIN.CBR
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INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: SPRINGFIELD, OH

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	-2	0	0	0	0
Civ Force Struc Change:	0	-14	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	-12	0	0	0	0
Civ Scenario Change:	0	-11	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: WRIGHT-PATTERSON, OH

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Maintenance	OTHER	47,500	0	3,700
Munitions	OTHER	29,500	0	1,250
POL	OTHER	1,500	0	440
Ops and Training	OTHER	5,000	0	5,600
P&D	OTHER	0	0	1,334
Com Other	OTHER	24,900	0	4,500
Meter utilites	OPT-A	0	0	205

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%

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 : SPRINGFIELD FOCUSED
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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):	8,400.00	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			

EXPLANATORY NOTES (INPUT SCREEN NINE)

NOTE \$1.2 M MILCON AVOIDANCE RESULTS FROM NOT MOVING

ANG FROM RICKENBACKER AND MOVING SPRINGFIELD TO

WRIGHT PATTERSON

COBRA REALIGNMENT SUMMARY (COBRA v5.08) - Page 1/2
Data As Of 15:22 05/09/1995, Report Created 14:48 05/11/1995

Department : AIR FORCE
Option Package : SPRINGFIELD FOCUSED
Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPR.CBR
Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Starting Year : 1996
Final Year : 1997
ROI Year : 2005 (8 Years)

MPV in 2015(\$K): -25,747
1-Time Cost(\$K): 24,814

	Net Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	1,689	15,205	0	0	0	0	16,895	0
Person	0	-401	-987	-987	-987	-987	-4,348	-987
Overhd	253	342	-2,640	-2,640	-2,640	-2,640	-9,964	-2,640
Moving	0	652	0	0	0	0	652	0
Missio	0	0	0	0	0	0	0	0
Other	702	1,723	4,000	0	0	0	6,425	0
TOTAL	2,644	17,521	373	-3,626	-3,626	-3,626	9,659	-3,626

-3,626 C

	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	22	0	0	0	0	22
TOT	0	22	0	0	0	0	22
POSITIONS REALIGNED							
Off	0	7	0	0	0	0	7
Enl	0	54	0	0	0	0	54
Stu	0	0	0	0	0	0	0
Civ	0	233	0	0	0	0	233
TOT	0	294	0	0	0	0	294

Summary:

CLOSE SPRINGFIELD ANG BASE AND RELOCATE FORCE STRUCTURE TO WRIGHT PATT

LATEST COBRA
TO COMMISSION

ATTACH #7

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPR.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

	Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	1,689	15,205	0	0	0	0	16,895	0
Person	0	333	260	260	260	260	1,375	260
Overhd	253	602	233	233	233	233	1,788	233
Moving	0	652	0	0	0	0	652	0
Missio	0	0	0	0	0	0	0	0
Other	702	1,723	4,000	0	0	0	6,425	0
TOTAL	2,644	18,516	4,494	494	494	494	27,135	494

	Savings (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	0	734	1,247	1,247	1,247	1,247	5,723	1,247
Overhd	0	260	2,873	2,873	2,873	2,873	11,752	2,873
Moving	0	0	0	0	0	0	0	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	0	995	4,120	4,120	4,120	4,120	17,476	4,120

NET PRESENT VALUES REPORT (COBRA v5.08)
 Data As Of 15:22 05/09/1995, Report Created 14:48 05/11/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPR.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
1996	2,644,300	2,608,674	2,608,674
1997	17,520,946	16,822,278	19,430,952
1998	373,523	349,030	19,779,982
1999	-3,626,477	-3,297,984	16,481,998
2000	-3,626,477	-3,209,717	13,272,281
2001	-3,626,477	-3,123,812	10,148,469
2002	-3,626,477	-3,040,206	7,108,263
2003	-3,626,477	-2,958,838	4,149,424
2004	-3,626,477	-2,879,648	1,269,776
2005	-3,626,477	-2,802,577	-1,532,801
2006	-3,626,477	-2,727,569	-4,260,369
2007	-3,626,477	-2,654,568	-6,914,938
2008	-3,626,477	-2,583,521	-9,498,459
2009	-3,626,477	-2,514,376	-12,012,835
2010	-3,626,477	-2,447,081	-14,459,917
2011	-3,626,477	-2,381,588	-16,841,505
2012	-3,626,477	-2,317,847	-19,159,352
2013	-3,626,477	-2,255,812	-21,415,164
2014	-3,626,477	-2,195,437	-23,610,601
2015	-3,626,477	-2,136,679	-25,747,280

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 15:22 05/09/1995, Report Created 14:48 05/11/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPR.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	16,895,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		16,895,000
Personnel		
Civilian RIF	54,571	
Civilian Early Retirement	8,395	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	9,396	
Total - Personnel		72,363
Overhead		
Program Planning Support	442,400	
Mothball / Shutdown	327,500	
Total - Overhead		769,900
Moving		
Civilian Moving	0	
Civilian PPS	201,600	
Military Moving	0	
Freight	73,176	
One-Time Moving Costs	377,000	
Total - Moving		651,776
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	6,425,000	
Total - Other		6,425,000
Total One-Time Costs		24,814,038

One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		0

Total Net One-Time Costs		24,814,038

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)
Data As Of 15:22 05/09/1995, Report Created 14:48 05/11/1995

Department : AIR FORCE
Option Package : SPRINGFIELD FOCUSED
Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPR.CBR
Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
SPRINGFIELD	0	0	0	0	0
WRIGHT-PATTERSON	16,895	0	0	0	16,895
Totals:	16,895	0	0	0	16,895

PERSONNEL SUMMARY REPORT (COBRA v5.08)

Data As Of 15:22 05/09/1995, Report Created 14:48 05/11/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPR.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

PERSONNEL SUMMARY FOR: SPRINGFIELD, OH

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
7	56	0	269

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	-2	0	0	0	0	-2
Students	0	0	0	0	0	0	0
Civilians	0	-14	0	0	0	0	-14
TOTAL	0	-16	0	0	0	0	-16

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
7	54	0	255

PERSONNEL REALIGNMENTS:

To Base: WRIGHT-PATTERSON, OH

	1996	1997	1998	1999	2000	2001	Total
Officers	0	7	0	0	0	0	7
Enlisted	0	54	0	0	0	0	54
Students	0	0	0	0	0	0	0
Civilians	0	233	0	0	0	0	233
TOTAL	0	294	0	0	0	0	294

TOTAL PERSONNEL REALIGNMENTS (Out of SPRINGFIELD, OH):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	7	0	0	0	0	7
Enlisted	0	54	0	0	0	0	54
Students	0	0	0	0	0	0	0
Civilians	0	233	0	0	0	0	233
TOTAL	0	294	0	0	0	0	294

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	-22	0	0	0	0	-22
TOTAL	0	-22	0	0	0	0	-22

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: WRIGHT-PATTERSON, OH

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
3,709	2,993	0	14,109

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPR.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

PERSONNEL REALIGNMENTS:

From Base: SPRINGFIELD, OH

	1996	1997	1998	1999	2000	2001	Total
Officers	0	7	0	0	0	0	7
Enlisted	0	54	0	0	0	0	54
Students	0	0	0	0	0	0	0
Civilians	0	233	0	0	0	0	233
TOTAL	0	294	0	0	0	0	294

TOTAL PERSONNEL REALIGNMENTS (Into WRIGHT-PATTERSON, OH):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	7	0	0	0	0	7
Enlisted	0	54	0	0	0	0	54
Students	0	0	0	0	0	0	0
Civilians	0	233	0	0	0	0	233
TOTAL	0	294	0	0	0	0	294

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
3,716	3,047	0	14,342

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08)
 Data As Of 15:22 05/09/1995, Report Created 14:48 05/11/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPR.CBR
 Std Fetrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	233	0	0	0	0	233
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
Civilians Moving (the remainder)		0	233	0	0	0	0	233
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	22	0	0	0	0	22
Early Retirement	10.00%	0	2	0	0	0	0	2
Regular Retirement	5.00%	0	1	0	0	0	0	1
Civilian Turnover	15.00%	0	3	0	0	0	0	3
Civs Not Moving (RIFs)*+		0	1	0	0	0	0	1
Priority Placement#	60.00%	0	13	0	0	0	0	13
Civilians Available to Move		0	2	0	0	0	0	2
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	2	0	0	0	0	2
CIVILIAN POSITIONS REALIGNING IN		0	233	0	0	0	0	233
Civilians Moving		0	233	0	0	0	0	233
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	2	0	0	0	0	2
TOTAL CIVILIAN RIFS		0	3	0	0	0	0	3
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	13	0	0	0	0	13
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

* 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
 Data As Of 15:22 05/09/1995, Report Created 14:48 05/11/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPR.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCOM	1,689	15,205	0	0	0	0	16,895
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
OSM							
CIV SALARY							
Civ RIF	0	54	0	0	0	0	54
Civ Retire	0	8	0	0	0	0	8
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	0	201	0	0	0	0	201
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	73	0	0	0	0	73
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	9	0	0	0	0	9
OTHER							
Program Plan	253	190	0	0	0	0	442
Shutdown	0	327	0	0	0	0	327
New Hire	0	0	0	0	0	0	0
1-Time Move	0	377	0	0	0	0	377
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	702	1,723	4,000	0	0	0	6,425
TOTAL ONE-TIME	2,644	18,170	4,000	0	0	0	24,814

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/3
 Data As Of 15:22 05/09/1995, Report Created 14:48 05/11/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPR.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

RECURRINGCOSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	21	21	21	21	83	21
BOS	0	43	43	43	43	43	217	43
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	260	260	260	260	260	1,303	260
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	42	169	169	169	169	718	169
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	346	494	494	494	494	2,321	494
TOTAL COST	2,644	18,516	4,494	494	494	494	27,135	494
ONE-TIME SAVES -----(\$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	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
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	0	0	0	0	0	0	0	
RECURRINGSAVES -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	164	345	345	345	345	1,544	345
BOS	0	97	2,528	2,528	2,528	2,528	10,209	2,528
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	513	1,026	1,026	1,026	1,026	4,617	1,026
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	221	221	221	221	221	1,106	221
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	995	4,120	4,120	4,120	4,120	17,476	4,120
TOTAL SAVINGS	0	995	4,120	4,120	4,120	4,120	17,476	4,120

B

A

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 3/3
 Data As Of 15:22 05/09/1995, Report Created 14:48 05/11/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPR.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

ONE-TIME NET -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	
CONSTRUCTION								
MILCON	1,689	15,205	0	0	0	0	16,895	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	63	0	0	0	0	63	
Civ Moving	0	275	0	0	0	0	275	
Other	253	903	0	0	0	0	1,156	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	702	1,723	4,000	0	0	0	6,425	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	2,644	18,170	4,000	0	0	0	24,814	
RECURRING NET -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	-164	-324	-324	-324	-324	-1,460	-324
BOS	0	-53	-2,484	-2,484	-2,484	-2,484	-9,991	-2,484
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	-513	-1,026	-1,026	-1,026	-1,026	-4,617	-1,026
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	39	39	39	39	39	197	39
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	42	169	169	169	169	718	169
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	-649	-3,626	-3,626	-3,626	-3,626	-15,155	-3,626
TOTAL NET COST	2,644	17,521	373	-3,626	-3,626	-3,626	9,659	-3,626

B-A = C
 494 - 4/20 = -3626

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)
 Data As Of 15:22 05/09/1995, Report Created 14:48 05/11/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPR.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
SPRINGFIELD	-316	-100%	-262,000	-100%	829
WRIGHT-PATTERSON	294	1%	36,730	0%	125

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
SPRINGFIELD	-345,000	-100%	1,092	-2,528,000	-100%	8,000
WRIGHT-PATTERSON	20,837	0%	71	43,449	1%	148

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
SPRINGFIELD	-2,873,000	-101%	9,092
WRIGHT-PATTERSON	64,287	0%	219

RPMA/BOS CHANGE REPORT (COBRA v5.08)
 Data As Of 15:22 05/09/1995, Report Created 14:48 05/11/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPR.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	-164	-324	-324	-324	-324	-1,460	-324
BOS Change	0	-53	-2,484	-2,484	-2,484	-2,484	-9,991	-2,484
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	-217	-2,809	-2,809	-2,809	-2,809	-11,452	-2,809

INPUT DATA REPORT (COBRA v5.08)
 Data As Of 15:22 05/09/1995, Report Created 14:48 05/11/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPR.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name Strategy:

 SPRINGFIELD, OH Closes in FY 1997
 WRIGHT-PATTERSON, OH Realignment

Summary:

 CLOSE SPRINGFIELD ANG BASE AND RELOCATE FORCE STRUCTURE TO WRIGHT PATT

(See final page for Explanatory Notes)

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
SPRINGFIELD, OH	WRIGHT-PATTERSON, OH	16 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from SPRINGFIELD, OH to WRIGHT-PATTERSON, OH

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	7	0	0	0	0
Enlisted Positions:	0	54	0	0	0	0
Civilian Positions:	0	233	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

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: SPRINGFIELD, OH

Total Officer Employees:	7	RPMA Non-Payroll (\$K/Year):	345
Total Enlisted Employees:	56	Communications (\$K/Year):	0
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	2,656
Total Civilian Employees:	269	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:	0.89
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	262	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	SPRING
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	78	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPR.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: WRIGHT-PATTERSON, OH

Total Officer Employees:	3,709	RPMA Non-Payroll (\$K/Year):	11,009
Total Enlisted Employees:	2,993	Communications (\$K/Year):	5,714
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	0
Total Civilian Employees:	14,109	BOS Payroll (\$K/Year):	57,011
Mil Families Living On Base:	34.0%	Family Housing (\$K/Year):	11,777
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.89
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	18,046	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	116	Activity Code:	AF092
Enlisted VHA (\$/Month):	75	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	93	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: SPRINGFIELD, OH

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	702	1,723	4,000	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	377	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	42	169	169	169	169
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%	100%	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):	262					
		Perc Family Housing ShutDown:				0.0%

Name: WRIGHT-PATTERSON, OH

	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%

(See final page for Explanatory Notes)

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPR.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: SPRINGFIELD, OH

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	-2	0	0	0	0
Civ Force Struc Change:	0	-14	0	0	0	0
Sta 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	-22	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: WRIGHT-PATTERSON, OH

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Maintenance	OTHER	0	85,782	3,700
Munitions	OTHER	8,600	3,500	1,250
POL	OTHER	1,220	0	440
Ops and Training	OTHER	0	92,173	5,600
Meter utilities	OTHER	0	0	205
Com Other	OTHER	26,910	0	4,500
P&D	OTHER	0	0	1,200

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%

16,895

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 : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-SPR.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
MHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
MHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
MHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
MHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total MHG 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
RD & 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			

EXPLANATORY NOTES (INPUT SCREEN NINE)

NOTE \$1.2 M MILCON AVOIDANCE RESULTS FROM NOT MOVING

ANG FROM RICKENBACKER AND MOVING SPRINGFIELD TO

WRIGHT PATTERSON

COBRA REALIGNMENT SUMMARY (COBRA v5.08) - Page 1/2
Data As Of 11:53 05/15/1995, Report Created 13:40 05/15/1995

Department : AIR FORCE
Option Package : SPRINGFIELD FOCUSED
Scenario File : C:\COBRA\REPORT95\COM-AUDT\SPR13502.CBR
Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Starting Year : 1996
Final Year : 1997
ROI Year : 2044 (47 Years)

NPV in 2015(\$K): 11,268
1-Time Cost(\$K): 25,047

Net Costs (\$K)	Constant Dollars		1998	1999	2000	2001	Total	Beyond
	1996	1997						
MilCon	1,727	15,547	0	0	0	0	17,275	0
Person	0	508	832	832	832	832	3,837	832
Overhd	169	314	-1,798	-1,798	-1,798	-1,798	-6,710	-1,798
Moving	0	652	0	0	0	0	652	0
Missio	0	0	0	0	0	0	0	0
Other	702	1,723	4,000	0	0	0	6,425	0
TOTAL	2,598	18,744	3,034	-966	-966	-966	21,479	-966

	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	0	0	0	0	0	0
TOT	0	0	0	0	0	0	0
POSITIONS REALIGNED							
Off	0	7	0	0	0	0	7
Enl	0	54	0	0	0	0	54
Stu	0	0	0	0	0	0	0
Civ	0	233	0	0	0	0	233
TOT	0	294	0	0	0	0	294

Summary:

CLOSE SPRINGFIELD ANG BASE AND RELOCATE FORCE STRUCTURE TO WRIGHT PATT
Community pays for Control Tower (100%), and CFR (33 1/3%). Dining Hall
addition of \$380 K added at Wright-Patt. 22 manpower savings taken out
no salary savings, plus buy back 17 manpower positions at Wright-Patt.
Total 39 manpower authorizations.

COBRA REALIGNMENT SUMMARY (COBRA v5.08) - Page 2/2
 Data As Of 11:53 05/15/1995, Report Created 13:40 05/15/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SPR13502.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	1,727	15,547	0	0	0	0	17,275	0
Person	0	729	1,053	1,053	1,053	1,053	4,943	1,053
Overhd	189	542	237	237	237	237	1,860	237
Moving	0	852	0	0	0	0	852	0
Missio	0	0	0	0	0	0	0	0
Other	702	1,723	4,000	0	0	0	6,425	0
TOTAL	2,598	19,194	5,291	1,291	1,291	1,291	30,955	1,291

Savings (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	0	221	221	221	221	221	1,108	221
Overhd	0	228	2,035	2,035	2,035	2,035	8,370	2,035
Moving	0	0	0	0	0	0	0	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	0	450	2,257	2,257	2,257	2,257	9,476	2,257

NET PRESENT VALUES REPORT (COBRA v5.08)
 Data As Of 11:53 05/15/1995, Report Created 11:53 05/15/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SPR13502.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
1996	2,598,541	2,563,531	2,563,531
1997	18,744,161	17,996,716	20,560,247
1998	3,034,016	2,835,067	23,395,315
1999	-965,984	-878,483	22,516,832
2000	-965,984	-854,971	21,661,860
2001	-965,984	-832,089	20,829,771
2002	-965,984	-809,819	20,019,953
2003	-965,984	-788,145	19,231,808
2004	-965,984	-767,051	18,464,757
2005	-965,984	-746,522	17,718,235
2006	-965,984	-726,542	16,991,693
2007	-965,984	-707,096	16,284,597
2008	-965,984	-688,172	15,596,425
2009	-965,984	-669,754	14,926,671
2010	-965,984	-651,828	14,274,843
2011	-965,984	-634,383	13,640,460
2012	-965,984	-617,404	13,023,056
2013	-965,984	-600,880	12,422,176
2014	-965,984	-584,798	11,837,378
2015	-965,984	-569,146	11,268,232
2016	-965,984	-553,914	10,714,318
2017	-965,984	-539,089	10,175,229
2018	-965,984	-524,661	9,650,568
2019	-965,984	-510,619	9,139,949
2020	-965,984	-496,952	8,642,997
2021	-965,984	-483,652	8,159,344
2022	-965,984	-470,708	7,688,637
2023	-965,984	-458,110	7,230,527
2024	-965,984	-445,849	6,784,678
2025	-965,984	-433,916	6,350,762
2026	-965,984	-422,303	5,928,459
2027	-965,984	-411,000	5,517,459
2028	-965,984	-400,000	5,117,459
2029	-965,984	-389,295	4,728,164
2030	-965,984	-378,875	4,349,289
2031	-965,984	-368,735	3,980,553
2032	-965,984	-358,866	3,621,687
2033	-965,984	-349,262	3,272,425
2034	-965,984	-339,914	2,932,511
2035	-965,984	-330,817	2,601,694
2036	-965,984	-321,963	2,279,731
2037	-965,984	-313,346	1,966,386
2038	-965,984	-304,959	1,661,426
2039	-965,984	-296,797	1,364,629
2040	-965,984	-288,854	1,075,775
2041	-965,984	-281,123	794,652
2042	-965,984	-273,599	521,053
2043	-965,984	-266,276	254,776
2044	-965,984	-259,150	-4,374

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 11:53 05/15/1995, Report Created 11:53 05/15/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SPR13502.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	17,275,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		17,275,000
Personnel		
Civilian RIF	54,571	
Civilian Early Retirement	8,395	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	9,396	
Total - Personnel		72,363
Overhead		
Program Planning Support	295,822	
Mothball / Shutdown	327,500	
Total - Overhead		623,322
Moving		
Civilian Moving	0	
Civilian PPS	201,600	
Military Moving	0	
Freight	73,176	
One-Time Moving Costs	377,000	
Total - Moving		651,776
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	6,425,000	
Total - Other		6,425,000

Total One-Time Costs		25,047,460

One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		0

Total Net One-Time Costs		25,047,460

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)
Data As Of 11:53 05/15/1995, Report Created 11:53 05/15/1995

Department : AIR FORCE
Option Package : SPRINGFIELD FOCUSED
Scenario File : C:\COBRA\REPORT95\COM-AUDT\SPR13502.CBR
Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
SPRINGFIELD	0	0	0	0	0
WRIGHT-PATERSON	17,275	0	0	0	17,275
Totals:	17,275	0	0	0	17,275

PERSONNEL SUMMARY REPORT (COBRA v5.08)
 Data As Of 11:53 05/15/1995, Report Created 11:53 05/15/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SPR13502.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

PERSONNEL SUMMARY FOR: SPRINGFIELD, OH

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
7	56	0	269

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	-2	0	0	0	0	-2
Students	0	0	0	0	0	0	0
Civilians	0	-14	0	0	0	0	-14
TOTAL	0	-16	0	0	0	0	-16

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
7	54	0	255

PERSONNEL REALIGNMENTS:

To Base: WRIGHT-PATTERSON, OH

	1996	1997	1998	1999	2000	2001	Total
Officers	0	7	0	0	0	0	7
Enlisted	0	54	0	0	0	0	54
Students	0	0	0	0	0	0	0
Civilians	0	233	0	0	0	0	233
TOTAL	0	294	0	0	0	0	294

TOTAL PERSONNEL REALIGNMENTS (Out of SPRINGFIELD, OH):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	7	0	0	0	0	7
Enlisted	0	54	0	0	0	0	54
Students	0	0	0	0	0	0	0
Civilians	0	233	0	0	0	0	233
TOTAL	0	294	0	0	0	0	294

POSITIONS ELIMINATED (No Salary Savings):

	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	-22	0	0	0	0	-22
TOTAL	0	-22	0	0	0	0	-22

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: WRIGHT-PATTERSON, OH

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
3,709	2,993	0	14,109

PERSONNEL SUMMARY REPORT (COBRA v5.08) - Page 2
 Data As Of 11:53 05/15/1995, Report Created 11:53 05/15/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SPR13502.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

PERSONNEL REALIGNMENTS:

From Base: SPRINGFIELD, OH

	1996	1997	1998	1999	2000	2001	Total
Officers	0	7	0	0	0	0	7
Enlisted	0	54	0	0	0	0	54
Students	0	0	0	0	0	0	0
Civilians	0	233	0	0	0	0	233
TOTAL	0	294	0	0	0	0	294

TOTAL PERSONNEL REALIGNMENTS (Into WRIGHT-PATTERSON, OH):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	7	0	0	0	0	7
Enlisted	0	54	0	0	0	0	54
Students	0	0	0	0	0	0	0
Civilians	0	233	0	0	0	0	233
TOTAL	0	294	0	0	0	0	294

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	17	0	0	0	0	17
TOTAL	0	17	0	0	0	0	17

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
3,716	3,047	0	14,359

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08)
 Data As Of 11:53 05/15/1995, Report Created 11:53 05/15/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SPR13502.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	233	0	0	0	0	233
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
Civilians Moving (the remainder)		0	233	0	0	0	0	233
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	22	0	0	0	0	22
Early Retirement	10.00%	0	2	0	0	0	0	2
Regular Retirement	5.00%	0	1	0	0	0	0	1
Civilian Turnover	15.00%	0	3	0	0	0	0	3
Civs Not Moving (RIFs)*+		0	1	0	0	0	0	1
Priority Placement#	60.00%	0	13	0	0	0	0	13
Civilians Available to Move		0	2	0	0	0	0	2
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	2	0	0	0	0	2
CIVILIAN POSITIONS REALIGNING IN		0	233	0	0	0	0	233
Civilians Moving		0	233	0	0	0	0	233
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	17	0	0	0	0	17
TOTAL CIVILIAN EARLY RETIRMENTS		0	2	0	0	0	0	2
TOTAL CIVILIAN RIFs		0	3	0	0	0	0	3
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	13	0	0	0	0	13
TOTAL CIVILIAN NEW HIRES		0	17	0	0	0	0	17

* 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
 Data As Of 11:53 05/15/1995, Report Created 11:53 05/15/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SPR13502.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

ONE-TIME COSTS -----(\$K)-----	1996 ----	1997 ----	1998 ----	1999 ----	2000 ----	2001 ----	Total -----
CONSTRUCTION							
MILCON	1,727	15,547	0	0	0	0	17,275
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
OSM							
CIV SALARY							
Civ RIF	0	54	0	0	0	0	54
Civ Retire	0	8	0	0	0	0	8
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	0	201	0	0	0	0	201
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	73	0	0	0	0	73
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	9	0	0	0	0	9
OTHER							
Program Plan	169	127	0	0	0	0	296
Shutdown	0	327	0	0	0	0	327
New Hire	0	0	0	0	0	0	0
1-Time Move	0	377	0	0	0	0	377
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	702	1,723	4,000	0	0	0	6,425
TOTAL ONE-TIME	2,598	18,449	4,000	0	0	0	25,047

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/3
 Data As Of 11:53 05/15/1995, Report Created 11:53 05/15/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SPR13502.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

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	22	22	22	22	89	22
BOS	0	46	46	46	46	46	230	46
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	398	793	793	793	793	3,568	793
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	260	260	260	260	260	1,303	260
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	42	169	169	169	169	718	169
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	745	1,291	1,291	1,291	1,291	5,907	1,291
TOTAL COST	2,598	19,194	5,291	1,291	1,291	1,291	30,955	1,291

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	0	0	0	0	0	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	0	0	0	0	0	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	164	345	345	345	345	1,544	345
BOS	0	65	1,690	1,690	1,690	1,690	6,826	1,690
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	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	221	221	221	221	221	1,106	221
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	450	2,257	2,257	2,257	2,257	9,476	2,257
TOTAL SAVINGS	0	450	2,257	2,257	2,257	2,257	9,476	2,257

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 3/3
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Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SPR13502.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	1,727	15,547	0	0	0	0	17,275	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	83	0	0	0	0	83	
Civ Moving	0	275	0	0	0	0	275	
Other	169	841	0	0	0	0	1,010	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	702	1,723	4,000	0	0	0	6,425	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	2,598	18,449	4,000	0	0	0	25,047	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	-164	-323	-323	-323	-323	-1,455	-323
BOS	0	-19	-1,644	-1,644	-1,644	-1,644	-6,596	-1,644
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	396	793	793	793	793	3,568	793
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	39	39	39	39	39	197	39
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	42	169	169	169	169	718	169
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	295	-966	-966	-966	-966	-3,569	-966
TOTAL NET COST	2,598	18,744	3,034	-966	-966	-966	21,479	-966

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)
 Data As Of 11:53 05/15/1995, Report Created 11:53 05/15/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SPR13502.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
SPRINGFIELD	-316	-100%	-262,000	-100%	829
WRIGHT-PATTERSON	311	1%	39,130	0%	128

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
SPRINGFIELD	-345,000	-100%	1,092	-1,690,410	-100%	5,349
WRIGHT-PATTERSON	22,199	0%	71	45,953	1%	148

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
SPRINGFIELD	-2,035,410	-101%	6,441
WRIGHT-PATTERSON	68,152	0%	219

RPMA/BOS CHANGE REPORT (COBRA v5.08)
 Data As Of 11:53 05/15/1995, Report Created 11:53 05/15/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDY\SPR13502.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDY\FINAL.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	-164	-323	-323	-323	-323	-1,455	-323
BOS Change	0	-18	-1,644	-1,644	-1,644	-1,644	-6,596	-1,644
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	-182	-1,967	-1,967	-1,967	-1,967	-8,052	-1,967

INPUT DATA REPORT (COBRA v5.08)
 Data As Of 11:53 05/15/1995, Report Created 11:53 05/15/1995

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SPR13502.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
SPRINGFIELD, OH	Closes in FY 1997
WRIGHT-PATTERSON, OH	Realignment

Summary:

 CLOSE SPRINGFIELD ANG BASE AND RELOCATE FORCE STRUCTURE TO WRIGHT PATT
 Community pays for Control Tower (100%), and CFR (50%), Dining Hall
 addition of \$380 K added at Wright-Patt. 22 manpower savings taken out
 no salary savings, plus buy back 17 manpower positions at Wright-Patt.
 Total 39 manpower authorizations.

(See final page for Explanatory Notes)

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
SPRINGFIELD, OH	WRIGHT-PATTERSON, OH	16 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from SPRINGFIELD, OH to WRIGHT-PATTERSON, OH

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	7	0	0	0	0
Enlisted Positions:	0	54	0	0	0	0
Civilian Positions:	0	233	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

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: SPRINGFIELD, OH

Total Officer Employees:	7	RPMA Non-Payroll (\$K/Year):	345
Total Enlisted Employees:	56	Communications (\$K/Year):	0
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	1,776
Total Civilian Employees:	269	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:	0.89
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	262	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	SPRING
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	78	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SPR13502.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: WRIGHT-PATTERSON, OH

Total Officer Employees:	3,709	RPMA Non-Payroll (\$K/Year):	11,009
Total Enlisted Employees:	2,993	Communications (\$K/Year):	5,714
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	0
Total Civilian Employees:	14,109	BOS Payroll (\$K/Year):	57,011
Mil Families Living On Base:	34.0%	Family Housing (\$K/Year):	11,777
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.89
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	18,046	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	116	Activity Code:	AF092
Enlisted VHA (\$/Month):	75		
Per Diem Rate (\$/Day):	93	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: SPRINGFIELD, OH

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	702	1,723	4,000	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	377	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	42	169	169	169	169
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%	100%	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):	262					
		Perc Family Housing ShutDown:				0.0%

Name: WRIGHT-PATTERSON, OH

	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%

(See final page for Explanatory Notes)

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SPR13502.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: SPRINGFIELD, OH

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	-2	0	0	0	0
Civ Force Struc Change:	0	-14	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	-22	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: WRIGHT-PATTERSON, OH

	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	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	17	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: WRIGHT-PATTERSON, OH

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Maintenance	OTHER	0	85,782	3,700
Munitions	OTHER	8,600	3,500	1,250
POL	OTHER	1,220	0	440
Ops and Training	OTHER	0	92,173	5,600
Meter utilites	OTHER	0	0	205
Com Other	OTHER	26,910	0	4,500
P&D	OTHER	0	0	1,200
Dining Addition	OTHER	2,400	0	380

Department : AIR FORCE
 Option Package : SPRINGFIELD FOCUSED
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SPR13502.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

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(\$):	5,182.00	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%

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%	

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			

Department : AIR FORCE
Option Package : SPRINGFIELD FOCUSED
Scenario File : C:\COBRA\REPORT95\COM-AUDT\SPR13502.CBR
Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

EXPLANATORY NOTES (INPUT SCREEN NINE)

NOTE \$1.2 M MILCON AVOIDANCE RESULTS FROM NOT MOVING

ANG FROM RICKENBACKER AND MOVING SPRINGFIELD TO

WRIGHT PATTERSON

ATTACH 15



HEADQUARTERS
AIR FORCE MATERIEL COMMAND
DIRECTORATE OF PLANS
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433-5006



FAX: DSN 787-1246

COMM: (513) 257-1246

To: Mr Ben Blume

Fax Phone: 223-9707

Organization: AF/RT

Phone: 223-8678

Subject: BRAC

No. of Pages: 4

Date Sent: 5/8/95

Comments: _____

From: Ken Tattini Phone: 787-7100



HEADQUARTERS
AIR FORCE MATERIEL COMMAND
DIRECTORATE OF PLANS
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

P.002

Date: 8 MAY 95

Memorandum For: AF/ET (MGEN BLUME)

JAY,

ATTACHED POINT PAPER PROVIDES
MORE BACKGROUND ON UTILITY COST
ESTIMATES ON ANG MOVES TO W-P AFB &
MISLEIGH.

BOTTOMLINE IS ALL COST ARE
WELL WITHIN ESTIMATING ERROR. FAT
IS WITH HOST-REMAINING REQUIREMENTS ARE
HELD OUT THESE ESTIMATES ARE AS
GOOD AS ANY.

ME
GENE.

**POINT PAPER
ON
ESTIMATED UTILITIES COST FOR ANG UNITS
RELOCATING TO AFMC BASES**

The below are the estimated annual utility costs for the ANG units relocating to Wright-Patterson AFB and McClellan AFB.

AFMC Estimate	Wright-Patterson AFB	
	BASE ANG Estimate	ANG Springfield (Actual - FY94)
Electricity	\$257,291	(No breakout done with estimate) \$349,756
Heating	288,574	94,266
Water	5,653	7,316
Sewer	19,326	7,908
Total	\$570,844	\$603,000 \$459,246

- The AFMC cost estimate includes:
 - Estimates for electricity and heat are based on metered usage, or a unit cost applied to the square footage occupied by the tenant if the building is not metered. Presently, five of the buildings offered to the ANG are metered for electrical usage. A five-year average for those buildings was included in the total estimate for electricity.
 - The actual unit cost for electricity is less at WPAFB, \$0.0459/KWH as opposed to \$0.085/KWH at Springfield. However, the WPAFB charges also include other costs related to the operation and maintenance of the electrical distribution systems. The ANG unit pays for those costs separately in Springfield. PUBLIC UTILITY
 - If the ANG units relocate to WPAFB, all of the buildings they would occupy will have meters installed.
 - The total water and sewer charges for the base are prorated based on the number of people who work in an organization. The cost estimate for the ANG was based on 334 full time authorized personnel and 1239 personnel on drill weekends.
 - Water rates are lower at WPAFB because the base has its own wells.
- The ANG estimated utilities cost for WPAFB (\$603,000) based on an average cost of \$2.25 per square foot for utilities. The facilities the ANG units will occupy total approximately 268,000 sq ft.

At Springfield the ANG units currently have approximately 450 telephone lines. The unit owns its telephone switches there, however, they will not be allowed to bring those switches to WPAFB. The ANG will be required to use DMATS for telephone service just like every other organization on base as required by DoD Directive 4640.5. The current DMATS rate for telephone service is about \$15.20 monthly per line. The ANG estimated the monthly rate to be \$20.00 per line.

- Estimated cost at Springfield \$ 13,347
- ANG estimated cost for WPAFB \$109,200
- AFMC estimated cost WPAFB \$ 82,080

Lt Col Degraphenreid/HQ AFMC/XFX/76322/kro/8 May 95



DEPARTMENT OF THE AIR FORCE
 HEADQUARTERS AIR FORCE MATERIEL COMMAND
 WRIGHT-PATTERSON AIR FORCE BASE, OHIO

rec'd pouch 2msy
 14.
 RTR
 See me!
 25 APR 1995

MEMORANDUM FOR HQ USAF/RT

FROM: HQ AFMC/XP
 4375 Chidlaw Road, Suite 6
 Wright-Patterson AFB OH 45433-5006

SUBJECT: Cost Associated with Relocating ANG Units to AFMC Bases (Your Memo, 11 Apr 95)

- As requested, we have attempted to determine the annual recurring manpower and financial cost which will be incurred by the ANG units relocating to Wright-Patterson AFB and McClellan AFB. AFI 38-204 was used to determine the additional manpower or BOS required. AFI 65-503 was used to calculate the cost of the additional manpower.
- The average grades used to estimate the annual recurring cost were GS-07 for civilians and E-5 for military, there is no requirement for additional officers at either location. The additional manpower and associated cost for each location is :

Wright-Patterson AFB

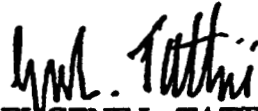
Personnel	Cost				
	FY 95	FY 96	FY 97	FY 98	FY 99
Enlisted 29	\$1.19M	\$1.22M	\$1.26M	\$1.30M	\$1.34M
Civilian 10	<u>\$0.39M</u>	<u>\$0.40M</u>	<u>\$0.41M</u>	<u>\$0.42M</u>	<u>\$0.43M</u>
Total 39	\$1.58M	\$1.62M	\$1.67M	\$1.72M	\$1.77M

McClellan AFB

Personnel	Cost				
	FY 95	FY 96	FY 97	FY 98	FY 99
Enlisted 26	\$1.07M	\$1.10M	\$1.13M	\$1.16M	\$1.20M
Civilian 8	<u>\$0.31M</u>	<u>\$0.32M</u>	<u>\$0.33M</u>	<u>\$0.34M</u>	<u>\$0.35M</u>
Total 34	\$1.38M	\$1.42M	\$1.46M	\$1.50M	\$1.55M

ATTACH 12

3. These are the only recurring costs we anticipate for the ANG units relocating to Wright-Patterson AFB and McClellan AFB. If you require any additional information, please contact Lt Col Gene Degraphenreid, DSN 787-6322, HQ AFMC/XPX.



EUGENE L. TATTINI
Brigadier General, USAF
Directorate of Plans

BASE SUPPORT TAIL
BY FUNCTIONAL AREA

<u>EAC</u>	<u>FUNCTION</u>	<u>%</u>		10.2%
10	Command	5.77%		
11	Info Mgmt	0.45%		
12	Contracting	3.48%		
✓13	Operations (OSS) ^{ord} _{TOWER}	3.83%	FULL	.0383%
14	Plans & Programs	0.18%		
15	Comptroller	4.71%		
16	Personnel	10.90%		
17	Engrg & Services	0.26%		
✓26	Comm Mx	1.94%	FULL	.0194
✓32	Audio visual	0.78%	HALF	.039
✓38	Comm	11.41%		
40	Logistics	0.06%		
✓41	Supply	17.06%	QUARTER	.0437
42	Transportation	11.59%		
✓43	Security Police	10.35%	QUARTER	.0259
44	Civil Engineering	2.95%		
45	MWR	12.60%		
✓46	Services	0.61%	QUARTER	.0015
48	Supply	1.10%		
		100.00%		.1751

$.1020 \times .1751 = 1.8\%$

- AVERAGE DAY, THERE MAY BE 400 PEOPLE ON BASE

-- $400 \times 1.8\% = 7.2 = 7$ PEOPLE FOR BOS

FROM AF/PEP

ATTACH

IA

16.

ATTACH 16

Cost Estimates Detail

CATEGORY	178 FG	251 CCG	269 CCSQ	Total Cost
Commercial Move:				
Commercial carrier estimate (Quote)	\$ 185,470	\$ 2,182	\$ 30,548	\$ 218,200
Transportation of vehicles/trailers (fuel cost)	\$ 257	\$ 10	\$ 330	\$ 597
Four static display A/C shipped to AMARC	\$ 84,103			\$ 84,103
Noise Suppressor (Reverts to Real Property)	\$ -			\$ -
Millwright cost	\$ 4,400			\$ 4,400
Movement of modular office in hangar	\$ 7,700			\$ 7,700
Relocation of Supply Material Handling System	\$ 62,287			\$ 62,287

\$ 377,287



Telephone (513) 298-0066

ADVANCE MOVING SYSTEMS, Inc.

3756 S. Dixie Ave.
DAYTON, OHIO 45439

APRIL 4, 1995

OHIO NATIONAL GUARD
RT. 194
SPRINGFIELD, OHIO 45502-A780

ESTIMATED COST ON MOVING FROM SPRINGFIELD, OHIO TO W. P. A. F. R. , OHIO.

ESTIMATED MOVING COST	\$160,800.00
PACKING & MATERIALS	\$7,000.00
PACKING OF MATERIALS	<u>\$10,400.00</u>
	\$178,200.00
EST. ON OUTSIDE RIGGING	<u>\$40,000.00</u>
3rd PARTY SERVICE	\$218,200.00

178 F.G. 85% \$185,470.00

269 C.C.S. 14% \$30,548.00

251 C.C.G. 1% \$2,182.00
\$218,200.00

FIGURES BASED ON 10 TRUCKS AND 30 MEN PER DAY, FOR THIRTY WORKING DAYS.
APPROX. 200 TRAILER LOADS. HOURLY RATE PER MAN IS \$19.00 PER HOUR.
HOURLY RATE PER TRAILER IS \$10.00 PER HOUR. MATERIALS ARE PER CONTAINER
AND MATERIAL.

EST. 4,200 @ \$1.25 \$5,250.00

1,000 @ \$1.75 \$1,750.00

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL ME.

RESPECTIVELY YOURS;

AGENT FOR northAmerican VAN LINE



OHIO AIR NATIONAL GUARD
Headquarters 178th Fighter Group
Springfield-Beckley Municipal Airport
Springfield, Ohio

5 April 1995

MEMORANDUM FOR ANGRG/FMP

FROM: 178 FG/LGX
801 Fontaine Lane
Springfield-Beckley MAP
Springfield, Ohio 45502-8789

SUBJECT: Estimated Cost of Relocating the 178FG to Wright-Patterson AFB

Used for Cost

1. A list of assumptions were developed to define the scope of commercial price estimates provided by the commercial (See Attachments 1 & 3). All associated cost estimates were obtained from civilian contractors, Air Force functional experts, or derived from previous contracts (See Attachments 2 & 4).
2. Estimated total cost for a commercial move using price estimates from commercial carriers is **\$377,287** (See Attachment 1).
3. Estimated total cost for a commercial move using the Cobra cost model is **\$428,597** (See Attachment 1).
4. Estimated total cost for a self-help move is **\$330,392** (See Attachment 1).
5. POC is Captain Walter R. Ball, DSN 346-2160.

Walter R. Ball
WALTER R. BALL, Captain, Ohio ANG
Resource Plans Officer

Attachments:

1. Cost Estimate Detail
2. Commercial Move Assumptions
3. Self-Help Move Assumptions
4. Price Estimates Methodology MFR

Attachments cont.

5. North American Van Lines Estimate
6. Colopy-Mayflower Van Lines Estimate
7. 178FG Estimated Fuel Cost/Consumption
8. 269CCS Estimated Fuel Cost/Consumption
9. 251CCG Estimated Fuel Cost/Consumption
10. Relocation of Supply Material Handling System Estimate
11. Tractor-Trailer Rental Estimates
12. Tractor-Trailer Availability Within Ohio ANG MFR
13. Air Force Average Packing Cost for Pease AFB

DISTRIBUTION:

178FG/CC
178LG/CC
178CES/CC
251CCG/CC
251CCG/LGX
269CCS/CC
269CCS/LGX

Cost Estimates Detail

CATEGORY	178 FG	251 CCG	269 CCSQ	Total Cost
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Commercial Move:

Commercial carrier estimate (Quote)	\$ 185,470	\$ 2,182	\$ 30,548	\$ 218,200
Transportation of vehicles/trailers (fuel cost)	\$ 257	\$ 10	\$ 330	\$ 597
Four static display A/C shipped to AMARC	\$ 84,103			\$ 84,103
Noise Suppressor (Reverts to Real Property)	\$ -			\$ -
Millwright cost	\$ 4,400			\$ 4,400
Movement of modular office in hangar	\$ 7,700			\$ 7,700
Relocation of Supply Material Handling System	\$ 62,287			\$ 62,287

Total Cost for Commercial Move	\$ 344,217	\$ 2,192	\$ 30,878	\$ 377,287
---------------------------------------	-------------------	-----------------	------------------	-------------------

*Cobra
DPA*

Self Help Move:

Air Force moving vans and flatbeds (fuel cost)	\$ 725	\$ 79	\$ 329	\$ 1,133
Rental of commercial semi-trailers (Air ride/spring)	\$ 4,918	\$ 538	\$ 2,229	\$ 7,685
Packing materials (\$.36 per cube)	\$ 137,707	\$ 2,684	\$ 22,086	\$ 162,477
Transportation of vehicles/trailers (fuel cost)	\$ 257	\$ 10	\$ 330	\$ 597
Four static display A/C shipped to AMARC	\$ 84,103			\$ 84,103
Noise Suppressor (Reverts to Real Property)	\$ -			\$ -
Millwright cost	\$ 4,400			\$ 4,400
Movement of modular office in hangar	\$ 7,700			\$ 7,700
Relocation of Supply Material Handling System	\$ 62,287			\$ 62,287

Total Cost for Self Help Move	\$ 302,097	\$ 3,311	\$ 24,974	\$ 330,382
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Cobra Cost Model:

Commercial carrier estimate (Cobra)	\$ 201,500	\$ 4,000	\$ 64,000	\$ 269,500
Transportation of vehicles/trailers (fuel cost)	\$ 257	\$ 10	\$ 330	\$ 597
Four static display A/C shipped to AMARC	\$ 84,103			\$ 84,103
Noise Suppressor (Reverts to Real Property)	\$ -			\$ -
Millwright cost	\$ 4,400			\$ 4,400
Movement of modular office in hangar	\$ 7,700			\$ 7,700
Relocation of Supply Material Handling System	\$ 62,287			\$ 62,287

Total Cost for Commercial Move	\$ 360,247	\$ 4,010	\$ 64,330	\$ 428,587
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COMMERCIAL MOVE ASSUMPTIONS

- (1) Duration of move will be 6 weeks
- (2) Normal duty hour for commercial carriers 7am -5 pm.
- (3) Mover provides packing materials - 178FG packs office supplies etc., including pictures.
- (4) 178FG disconnects/reconnects all equipment and machinery.
- (5) 178FG will provide millwright price estimate.
- (6) Mover packs computers 178FG will disconnect and prepare for shipment.
- (7) 178FG moves all powered vehicles and trailers.
- (8) 178FG disassembles/re-assembles all shelving.
- (9) 178FG prepares all copiers for shipment - empty all ink and powder.
- (10) 178FG transports all hazardous and flammable materials.
- (11) 178FG assembles/disassembles Vidmar cabinets - i.e. supply.
- (12) 178FG will move all mobility bags.
- (13) Office location will be similar - i.e., 2nd floor to 2nd floor.
- (14) 178FG will obtain cost estimates for movement of static display aircraft.

SELF-HELP MOVE ASSUMPTIONS

- (1) Duration of move will be 6 weeks**
- (2) Standard 8 hour duty day.**
- (3) Move will be supported by technician force.**
- (4) Vehicles required to support the move will be obtained from military sources.**
- (5) Air ride suspension required for 178FG Avionics Test Stations and Data Information Terminals.**
- (6) Air ride suspension vehicle will be rented and driven by 178FG.**
- (7) Transportation of static display aircraft will be contracted.**
- (8) Millwright work will be contracted.**
- (9) Disassembly, re-assembly of modular office in hanger will be contracted.**



OHIO AIR NATIONAL GUARD
Headquarters 178th Fighter Group
Springfield-Beckley Municipal Airport
Springfield, Ohio

MEMO FOR RECORD

5 April 1995

SUBJECT: Price Estimates Methodology

- 1. Commercial move price estimates for relocating all mobility and non-mobility assets to WPAFB were obtained from two commercial movers.**
 - a. A list of assumptions were established and provided to the movers by the 178FG to define the scope of their price estimates.**
 - b. Both movers were provided with the total cubic foot for all material owned by the 178FG, 251CCG, and 269CCS.**
 - c. A base inventory was accomplished by the units using an inventory sheet provided by the commercial movers to determine the total cube of all non-mobility items to be moved. All oversized equipment was cubed and recorded on inventory sheets. Refer to inventory sheet.**
 - d. Total cubic feet for all mobility equipment was derived using the LOGFOR for all three units.**
 - e. Using the commercial industry standard of 7lbs per cubic foot we arrived at our total weight for all three units non-mobility assets.**
- 2. Transportation cost of assigned vehicles to Wright Patterson Air Force Base (WPAFB) was determined by the Vehicle Maintenance Superintendents of each unit.**
 - a. Refer to estimated fuel consumption/cost memorandum for each unit.**
- 3. Transportation of Static Display A/C to the USAFM holding and storage at the AMARC facility, Davis-Montham AFB.**
 - a. Cost estimates were provided by World Wide Aircraft Recovery LTD (recommended by WPAFB Museum) commercial phone is 815-226-1200.**
- 4. There is no cost associated with the Noise Suppressor system remaining at Springfield-Beckley MAP.**
 - a. Cost estimates for relocating the Noise Suppressor were obtained from Industrial Acoustics LTD commercial phone 718-931-8000.**
 - b. If the Noise Suppressor is not relocated to WPAFB the item will then become real property per Mr. Burris, TA manager located at Kelly AFB, DSN 945-3389. Per our conversation there is**

currently no requirements for a Noise Suppressor in the Guard, and if there were he felt it would be more cost effective to purchase a new one rather than pay the cost of relocating our Noise Suppressor.

5. Millwright Cost estimates for moving and or setup of heavy machinery (e.g. Drill Press, Machine Lathes, etc.) was provided by Advanced Machinery Movers, commercial phone 513-278-7337. A 10% increase was applied to the actual cost estimate.

6. Cost estimates for relocating the modular office was derived using the actual cost of erecting the office. A 10% increase was applied to the actual cost data.

7. Cost estimates for relocating the Supply Material Handling System was provided by Remco Systems Service commercial phone 513-436-2448. This item is an accountable equipment item.

8. Cost estimates for a self-help move were developed by the units.

a. A list of assumptions were established by the units to define the scope of the price estimate for a self-help move..

9. Air Force Moving Van fuel cost.

a. The average cubic foot of an Air Force moving van was determined to be 2800. An average length moving van length of 35 ft. was used since Air Force moving vans are either 30 or 40 ft.

b. A self-help move would require approximately 229 truck loads to move the 178FG, 3 truck loads to move the 251CCG, and 25 trucks to move the 269CCS.

c. A total of 11 semi-tractors will be borrowed from other ANG units in the state. Refer to inventory sheet for available vehicles in state.

d. Cost of obtaining vehicles:

$11 \text{ trucks} \times 2 \text{ trips} \times 300 \text{ (avg round trip mileage)} = 6,600 \text{ total miles}$

$6,600 / 6 \text{ (avg MPG)} = 1,100 \text{ gallons of fuel consumption.}$

$1,100 \times \$1.03 \text{ (price per gallon)} = \$1,133 \text{ fuel cost}$

e. Cost breakout by unit:

178FG ; \$725 based on 7/11 or 64% of the total cost of obtaining the vehicles.

251CCG; \$79 based on 1/11 or 7% of the total cost of obtaining the vehicles.

269CCS; \$329 based on 3/11 or 29% of the total cost of obtaining the vehicles.

f. Cost of moving assets:

$257 \text{ truck loads} \times 36 \text{ miles (round trip mileage to WPAFB)} = 9,252 \text{ miles}$

$9,252 / 6 \text{ (avg MPG)} = 1,542 \text{ gallons of fuel consumption.}$

$1,542 \times \$1.03 \text{ (price per gallon)} = \$1,588 \text{ fuel cost.}$

g. Cost breakout by unit:

- 178FG @ 229 trucks equals \$1,425
- 251CCG @ 3 trucks equals \$19
- 269CCS @ 25 trucks equals \$154

10. Cost estimates for commercial rental vehicles not available from Air Force assets was obtained from Ryder Truck Rental commercial phone 513-236-1650 and BEI - National Lease commercial phone 1-800-288-4995.

a. It was determined we needed to rent 6 semi- vans (spring) and 1 air ride tractor for 6 weeks.

b. Cost of renting vehicles:

- 6 spring vans (48') @ \$400 per month equals \$2,400.
- 6 spring vans (48') @ 125 per week equals \$750 x 2 equals \$1,500.
- 6 spring vans (48') @ \$.02 per mile x 257 truck loads x 36 miles (round trip) equals \$185 mileage cost.
- 1 air ride tractor @ \$600 per week equals \$3,600.
- Total cost equals \$7,685.

c. Cost breakout by unit:

- 178FG @ 64% of the total cost \$4,918.
- 251CCG @ 7% of the total cost equals \$538.
- 269CCS @ 29% of the total cost equals \$2,229.

11. Self-help cost estimates for packing materials was based on actual cost data (\$.33 per cubic ft.) from Pease AFB. A 10% increase was applied to the actual cost data (\$.36 per cubic ft.).


WALTER R. BALL, Captain, Ohio ANG
Resource Plans Officer



Telephone (513) 298-0065

ADVANCE MOVING SYSTEMS, Inc.

3756 S. Dixie Ave.
DAYTON, OHIO 45439

APRIL 4, 1995

OHIO NATIONAL GUARD
RT. 194
SPRINGFIELD, OHIO 45502-A780

ESTIMATED COST ON MOVING FROM SPRINGFIELD, OHIO TO W. P. A. F. B. , OHIO.

ESTIMATED MOVING COST	\$160,800.00
PACKING & MATERIALS	\$7,000.00
PACKING OF MATERIALS	<u>\$10,400.00</u>
	\$178,200.00
EST. ON OUTSIDE RIGGING	<u>\$40,000.00</u>
3rd PARTY SERVICE	\$218,200.00
178 F.G. 85%	\$185,470.00
269 C.C.S. 14%	\$30,548.00
251 C.C.G. 1%	<u>\$2,182.00</u>
	\$218,200.00

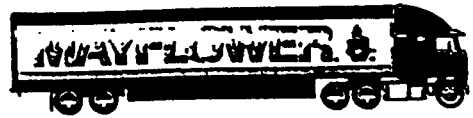
FIGURES BASED ON 10 TRUCKS AND 30 MEN PER DAY, FOR THIRTY WORKING DAYS.
APPROX. 200 TRAILER LOADS. HOURLY RATE PER MAN IS \$19.00 PER HOURS.
HOURLY RATE PER TRAILER IS \$10.00 PER HOURS. MATERIALS ARE PER CONTAINER
AND MATERIAL.

EST. 4,200 @ \$1.25	\$5,250.00
1,000 @ \$1.75	\$1,750.00

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL ME.

RESPECTIVELY YOURS;

AGENT FOR northAmerican VAN LINES



Copy-Mayflower

Moving & Storage, Inc. / P.O. Box 68 / 121 E. Fifth Avenue / Lancaster, OH 43130 / (614) 653-0412
Columbus Phone: (614) 833-0327 / (800) 232-3637 / Fax: (614) 653-5931
Springfield: (513) 323-3701 / Dayton: (513) 223-3701 / Fax: (513) 323-3703

March 29, 1995

**TO: Walter Bell, Capt., Ohio ANG
Springfield, Ohio**

**FROM: John Mitchell, Operations Mgr.
Colopy Moving & Storage, Inc.**

RE: Quote for relocation of ANG Base to Fairborn

Total cubic feet: 473,825 (451 cu ft assets + 22,500 cu ft cartons)

Estimated weight: 3,080,300

178 FG

382,519 cu ft

2,486,000 lbs

139 truckloads

@ \$1800 ea = \$250,200

269 CCS

61,351 cu ft

399,000 lbs

23 truckloads

@ \$1800 ea = \$41,400

251 CCG

7,455 cu ft

49,000 lbs

3 truckloads

@ \$1800 ea = \$5,400

Cartons

22,500 cu ft

146,300 lbs

9 truckloads

@ \$1800 = \$16,200

174 truckloads are estimated above, but due to van capacity not always utilized because of the nature of the items being moved, that is, weight factor does not allow a full van, it is estimated that the move will take 200 truckloads, therefore,...

200 loads @ \$1800 each = \$360,000

plus 10% for unexpected conditions or events 36,000

TOTAL: \$396,000

OHIO AIR NATIONAL GUARD
178 Logistics Squadron/LGT
701 Regula Ave. Bldg. 107
Springfield-Beckley Airport
Springfield, Ohio 45502-8785

y to: 178 LS/LGT

25 March 1995

subject: Estimated fuel consumption/cost

TO: Capt Ball, 178 FG/LGX

Following are the estimated calculations and totals for the move to WPAFB utilizing government vehicles, excluding manhours.

FUEL COST per gallon: \$1.04

MOGAS:

- a) Vehicles: 41
- b) Miles per gallon: 12.8
- c) Mileage one way to WPAFB: 18

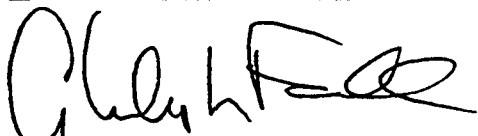
TOTAL: $\$1.04 \times 1.4(\text{gal per trip}) \times 41 (\text{vehicles}) = \59.70

DIESEL:

- a) Vehicles: 57
- b) Miles per gallon: 5.2
- c) Mileage one way to WPAFB: 18

TOTAL: $\$1.04 \times 3.5(\text{gal per trip}) \times 57 (\text{vehicles}) = \197.31

\$257.01 fuel cost



Charles L. Fenwick, SMS Ohio ANG
Vehicle Maintenance Superintendent

OHIO AIR NATIONAL GUARD
269COMBAT COMMUNICATIONS SQUADRON
SPRINGFIELD, OHIO

24 March, 1995

MEMORANDUM FOR: 178FG/LGX

FROM: 269 CBCS/LGX
138 F AVENUE
SPRINGFIELD-BECKLEY MAP
SPRINGFIELD, OHIO 45502-8783

SUBJECT: Cost Estimate for Transportation of Vehicles/Trailers(Commercial)

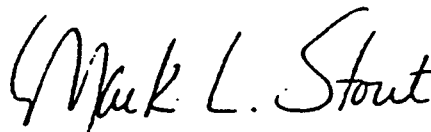
1. The information provided below is an estimate of the cost to transport all vehicles/trailers to Wright Patterson Air Force Base. We are assuming it will take four trips to move all of our equipment. Estimates are based on a one way trip.

OF VEHICLES

- A. 37 100 GAL OF DIESEL @ \$1.03 PER GAL = \$103.00 x 3 = \$309.00
- B. 7 25 GAL OF MOGAS @ \$.84 PER GAL = \$21.00 x 1 = \$21.00

TOTAL COST FOR SEVEN TRIPS: \$330.00

2. Questions concerning this information may be directed to TSG Garland Robertson, 269 CBCS/LGX at X2357.



MARK L. STOUT, Lt Col, Ohio ANG
Commander

cc: 251CCG/CC/LG/LGX/DO
269CBCS/CC/LG/LGX/DO

**OHIO AIR NATIONAL GUARD
HEADQUARTERS 251 COMBAT COMMUNICATIONS GROUP
SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT
SPRINGFIELD , OHIO 45502-8782**

27 March, 1995

MEMORANDUM FOR: 178FG/LGX

**FROM: 251 CCG/LGX
138 F AVENUE
SPRINGFIELD-BECKLEY MAP
SPRINGFIELD, OHIO 45502-8782**

SUBJECT: Cost Estimate for Transportation of Vehicles

1. The information provided below is an estimate of the cost to transport all vehicles to Wright Patterson Air Force Base. We are assuming it will take six trips to move all of our equipment required to be carried by our own vehicles. Estimates are based on a one way trip.

2 VEHICLES @ 1 GAL OF MOGAS @ \$.84 PER GAL = \$1.68 x 6 = \$10.08

TOTAL COST FOR SIX ONE WAY TRIPS: \$10.08

2. Questions concerning this information may be directed to 2LT Loren J. Odegaard, 251 CCG/LGX at X2299.


**ROBERT A. MEYER, Lt Col, Ohio ANG
Detachment Commander**

cc: 251CCG/CC/LG/LGX/DO
269CBCS/CC/LGX

QUOTATION FROM REMCO SYSTEMS SERVICE

653 CONGRESS PARK
CENTERVILLE, OH 45459

SPACE MANAGEMENT SOLUTIONS
(513) 436 2448
FAX: (513) 436 2449

J. SPRINGFIELD ANG
TO: CAPT. TERESA SHOFFSTALL
FROM:

QUOTATION#: S3155

TO: SPRINGFIELD, OH

DATE: 3/15/95

REQUIRED BY: ANG

DEPT: WAREHOUSE

ITEM	QUAN	CAT#	DESCRIPTION	UNITS	PER	PRICE
1	1	RELOCATE TO WPAFB	DISMANTLE AND REASSEMBLE BOTH MECHANICAL ASSIST MOBIL FILE SYSTEMS TO DESIGNATED LOCATION TO INCLUDE CONTINUANCE OF PRESENT WARRANTY TO INCLUDE NEW CONCRETE BASE	\$17,480.000	LOT	\$17,480.00
2	1	RAIL SYSTEM FOR MOBIL FILE SYSTEM	NEW RAIL SYSTEM IF REQUIRED	\$5,175.000	LOT	\$5,175.00
3	5	VERTICAL ROTARY FILES	DISMANTLE AND REASSEMBLE 3 WHITE(MFG) AND 2 REMSTAR VERTICAL FILES	\$3,500.00	EA	\$17,500.00
	1	PHOENIX HORIZONTAL	DISMANTLE AND REASSEMBLE BOTH PHOENIX HORIZONTAL AUTOMATED SYSTEMS TO DESIGNATED LOCATION AT WPAFB TO INCLUDE CONTINUANCE OF WARRANTY	\$22,000.00	LOT	\$22,000.00
	1	KDX EXT	36" END PANEL EXTENDER FOR MOBIL FILE SYSTEM PER REQUEST	\$132.00	EA	\$132.00

QUOTED INCLUDE PREVAILING WAGES

\$0.00

PRICING ARE BUDGETARY ESTIMATES ONLY AND ARE HIGH END FOR ANY UNFORSEEN CIRCUMSTANCES.

SUB-TOT \$62,287.00

DISCOUNT: AMT=: \$0.00

INSTALL \$: ESTIMATED FREIGHT \$: INCLUDE

FOB: INCLUDED
TERMS NET 30

TOTAL: \$62,287.00

All orders are subject to our credit department approval and therefore subject to change without notice. If the products on this quotation are specially produced, they are subject to a +/- 10% overrun. Deliveries are subject to delays from to uncontrolled causes. We reserve the right to correct inadvertent clerical errors. Orders from this quotation are subject to conditions and sales taxes per standard business practices. Service to be performed by non-union personnel

AUTHORIZED SALES AND SERVICE
for KARDEX SYSTEMS INC



GOLDEN RULE SERVICE

BY: GARY GAYHEART
SERVICE
MANAGER

W BALL@FG@178FG
R FROCK@RMS@178FG

N

Tractor-Trailer Estimates

Thursday, March 23, 1995 at 3:48:28 pm EST

None

By:

From:

Subject:

are the estimates I came up with on renting Tractor-Trailers:

Truck Rental, 3580 Needmore Rd, Dayton Oh (513)236-1650.

Paul

The Tractor \$120 per day X 5 (weekly rate)=\$600

consists of tandem axle tractor with standard day cab (no sleeper).

The Trailer \$15 per day X 5 (weekly rate)=\$75

consists of 48 foot van.

Bring ride vans or flatbeds available from Ryder.

Nationalease, Div of Benedict Enterprises Inc (800)288-4995

Jeannie

Big Ride Van (48') \$400 per month + 2 cents per mile or \$125 per week + 4
cents per mile.

Big Ride Flatbed (48') \$470 per month + 3 cents per mile or \$125 per week +
3 cents per mile.



OHIO AIR NATIONAL GUARD

Headquarters 178th Fighter Group
Springfield-Beckley Municipal Airport
Springfield, Ohio

MEMO FOR RECORD

27 March 1995

SUBJECT: Semi Tractor/Trailer Availability in State

1. MSG Frock provided the following availability of semi tractors/trailers from other ANG units in state.

Organization	Tractors	Flat Beds	Vans
Mansfield	3	1-30', 1-40'	1-40'
Rickenbacker	3	1-25', 1-45'	1-29'
Blue Ash	1	1-25'	0
Toledo	2	2-25'	1-29'
Camp Perry	5	2-25'	1-29'
Total Available	14	9	4

Walter R. Ball

WALTER R. BALL, Captain, Ohio ANG
Resource Plans Officer

AIR FORCE AVERAGE PACKAGING MATERIAL COST

BARE ITEMS, REPARABLE:

FRAGILITY GROUP (MOST TO LEAST)	EXAMPLES: ITEM NOMENCLATURE	AVERAGE COST PER CUBIC FOOT
0-14 Gs	Gyroscopes and Sub Assemblies, Navigational Units, Fire Control Panels	\$21.80
15-24 Gs	Flight Instruments and Assemblies, Guidance Control Units, Telescopes	\$17.25
25-39 Gs	Small Computers, Transmitters, Circuit Cards, Radars and Control Units, Electronic Components, TV Cameras, Cathode Ray Tubes (CRTs)	\$7.47
40-59 Gs	Typewriters, Cameras, Recorders, Projectors, Televisions, Amplifiers, Refrigerators, Generators, Electric Motors, Mainframe Computers, Infrared Equipment	\$6.03
60-84 Gs	Oscilloscopes, Electric Test Sets, Pneumatic Test Sets, Plotter/Printers, X-Ray Machines, Crypto Equipment, Telephones, Jet Engines and Components, Diesel and Gas Engines	\$5.04
85-110 Gs	Motor Assemblies, Transmissions, Aircraft Panels and Door Assemblies, Fuselage Sections, Hand Tools	\$4.12
Over 110 Gs	Aircraft Wings and Floor Assemblies, Landing Gear and Brakes Components, Heavy Equipment/Machinery, Hoisting Beams, Small Arms/Weapons	\$2.70

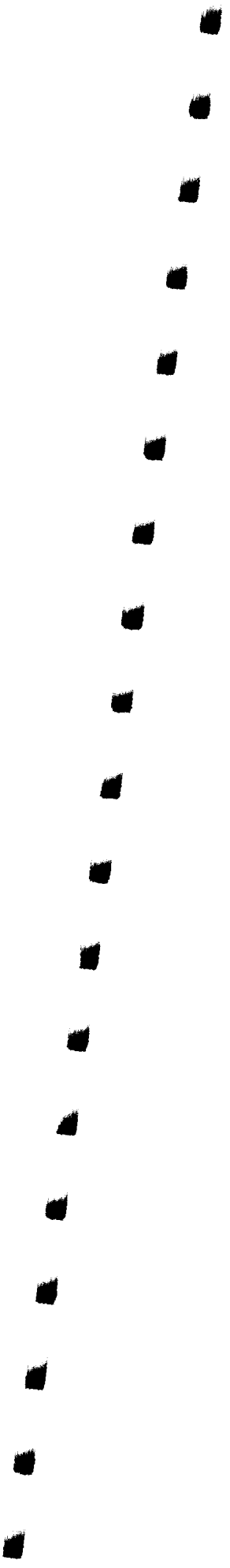
BARE ITEMS, CONSUMIBLES:

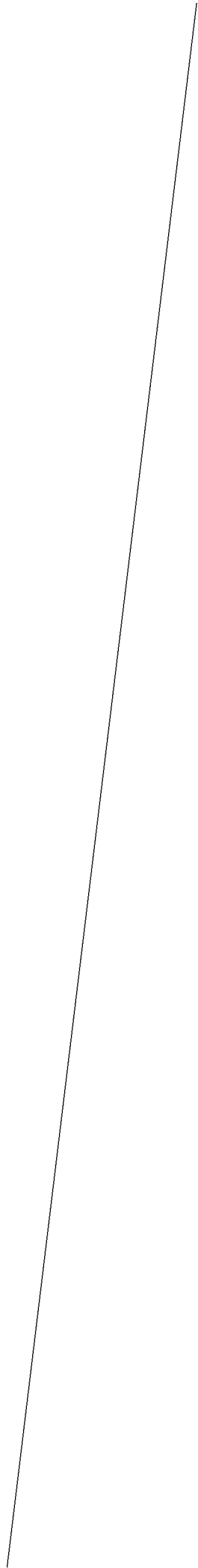
FRAGILITY GROUP	EXAMPLES: ITEM NOMENCLATURE	AVERAGE COST PER CUBIC FOOT
85-110 Gs	Small assets, with no one measurement exceeding 24 inches. If any one measurement is	\$1.33

greater than 24 inches, and/or
fragility is not within 85 to
110 Gs range, use reparable
cost table.

**UNITATION, PALLETIZATION, CONTAINERIZATION OF PACKAGED
ASSETS (REPARABLES AND CONSUMABLES):**

FRAGILITY GROUP	EXAMPLES: ITEM NOMENCLATURE	AVERAGE COST PER CUBIC FOOT
All	Packaged assets. Cost only accounts for overpacking materials used during shipment. (Cost data of Pease AFB closure)	\$0.33





Document Separator

Springfield Air National Guard Base

Springfield - Beckley Municipal Airport, Ohio



Executive Summary & Slide Presentation

**Community Response to the USAF/DOD
Proposal to Relocate the
178th Fighter Group
251st Combat Communication Group HQ
269th Combat Communication Squadron
Springfield, Ohio Air National Guard**

12 April 1995



Springfield Community Presentation BRAC Commission Hearings

**12 April 1995
Chicago, Illinois**

PRESENTED BY:

**Col. Richard E. Higgins (USAF Ret.)
Former ANG Springfield Base Commander**

**Matthew J. Kridler
Springfield City Manager**

Executive Summary

On March 1, 1995, the Secretary of Defense submitted his report to the Base Realignment and Closure (BRAC) Commission in accordance with law. Included in that report is a recommendation from the Air Force to close the Springfield Ohio Air National Guard Base and relocate the 178th Fighter Group (ANG), the 251st Combat Communication Group (ANG) and the 269th Combat Communications Squadron (ANG) to Wright-Patterson Air Force Base in Dayton, Ohio.

This recommendation from the Air Force was prompted largely by space made available by the recent departure of the Air Force Reserve 906th Fighter Group from Wright-Patterson Air Force Base. It was asserted that the 178th Fighter Group (ANG) could economically fit into space vacated by the 906th Reserve given that both groups flew F-16s.

The BCEG examined this proposal and determined that it may be in the best interest of the Air Force if there was a cost effective method to use this vacated space. They supported the Air Force recommendation to transfer the 178th Fighter Group and the two (2) Communication Units from the Springfield Ohio Air Guard Base to Wright-Patterson AFB based upon the

following estimates:

- Estimated annual recurring savings: \$4.2 million
- Estimated relocation and construction cost: \$23.3 million

Will these figures stand up to validation and will this realignment be in the best interest of military value?

Consider the History . . .

This is the third time since 1976 that a proposal has come forth to transfer the Springfield, Ohio Air Guard Base to Wright Patterson AFB. In 1976, the Pentagon studied the transfer proposal and rejected it on the basis of both cost and military value.

Two years ago (in 1993), the Air Force and Department of Defense recommended the transfer of the Springfield, Ohio Air Guard's 178th Fighter Group to space at Wright-Patterson AFB vacated by the 4950th Test Wing. They estimated savings at \$1.1 million annually and a \$3.0 million cost to relocate and beddown the unit. The BRAC Commission found that these estimates were grossly in error. The cost of relocation and military construction alone grew to over \$40 million! The BRAC Commission rejected the transfer recommendation and wisely kept the

Springfield OANG at its current location.

Now (in 1995) the transfer is being recommended again. This time to space at Wright-Patterson vacated by the 906th Reserve Fighter Group. Preliminary figures for relocation and military construction is estimated at \$23.3 million. The recurring annual savings is estimated at \$4.2 million. That number was adjusted last week to \$3.7 million by an on-site assessment team with a number of questions remaining. Remember—the annual recurring savings in 1993 was estimated at \$1.1 million!

Consider All the Costs Involved . . .

A critical component of the Air Force justification for the transfer of the Springfield, Ohio Air Guard Base to Wright-Patterson AFB is the projected annual recurring savings. These "assumed" savings are largely comprised of operating support costs at the Springfield Base such as security, air traffic control and crash/fire rescue. It is alleged that these same services can be provided at Wright-Patterson at NO COST!

Let's put all the costs of operations on the table so a valid comparison can be made. The Air Force should be forthcoming in providing the true cost to be allocated to the Ohio Air National

Executive Summary

Guard for housing its three units. This includes the allocation of overhead, an accurate estimate of utility costs and a close accounting of all support services necessary to allow these units to function effectively.

Let's make sure all the costs are accounted for before a decision is made!

Consider the Impact on Military Value . . .

The Springfield, Ohio Air National Guard (OANG) currently operates out of the Springfield-Beckley Airport which is a general aviation airport in southwest Ohio. It operates under a joint use agreement with cost and facilities shared among military, federal, state and city governments. It represents a partnership that began over 40 years ago.

Of special note is the outstanding condition of the primary runway, it's parallel taxiway, the efficient air traffic control environment and the ease of military fighter operations working with general aviation.

It is an ideal "Fighter Base" providing a superior operational training and readiness environment for the 178th Fighter Group—superior to that of Wright-Patterson AFB!

Consider the Economic Impact on the Community. . .

The economic impact upon Springfield/Clark County associated with this proposed realignment is significant. We are not a suburb of Dayton, but a full-service city that depends upon its own economy. The Springfield, Ohio Air National Guard is one of our largest employers with a payroll in excess of \$23 million.

The Ohio Air National Guard is the primary tenant at the Springfield-Beckley Airport. It represents 20% of the airport's annual operations budget. Loss of this unit could severely affect the future operation of our airport.

Consider the Unfair Consequences. . .

The BRAC Commission has dealt with facilities located on federal property. These facilities qualify for assistance from the Air Force Base Conversion Agency and others. A team is assigned to help with a reuse plan, take care of environmental issues and take care of the abandoned facilities until they are put into re-use. A safety net is in place so that the community does not suffer undue hardship!

Neither the Air Force Base Conversion Agency nor others know whether such aid would be extended to a non-federal property. The Springfield OANG Base is situated on property leased from the city—NOT federal property.

The on-site assessment team that visited our facility last week expressed concern and one member stated, "You seem to have fallen through a very big crack in the process." Not very comforting!

Consider These Recommendations . . .

- (1) That the 178th Fighter Group (ANG), the 251st Combat Communication Group HQ (ANG) and the 269th Combat Communications Squadron (ANG) remain at the Springfield Air Guard Base to take full advantage of the paid-for facilities and the superior operational and training opportunities in a truly low cost environment.
- (2) That any "excess capacity" or vacated space at Wright-Patterson Air Force Base be filled with suitable tenant(s) who can absorb the high cost of overhead and support services which are typical of active military bases. **Let's avoid unnecessary military construction and taxpayer expense!**

**Springfield Air National Guard Base
Springfield-Beckley Municipal Airport, Ohio**

Community Response to the

**USAF/DOD Proposal
to Relocate the:**

178th Fighter Group

251st Combat Communication Group HQ

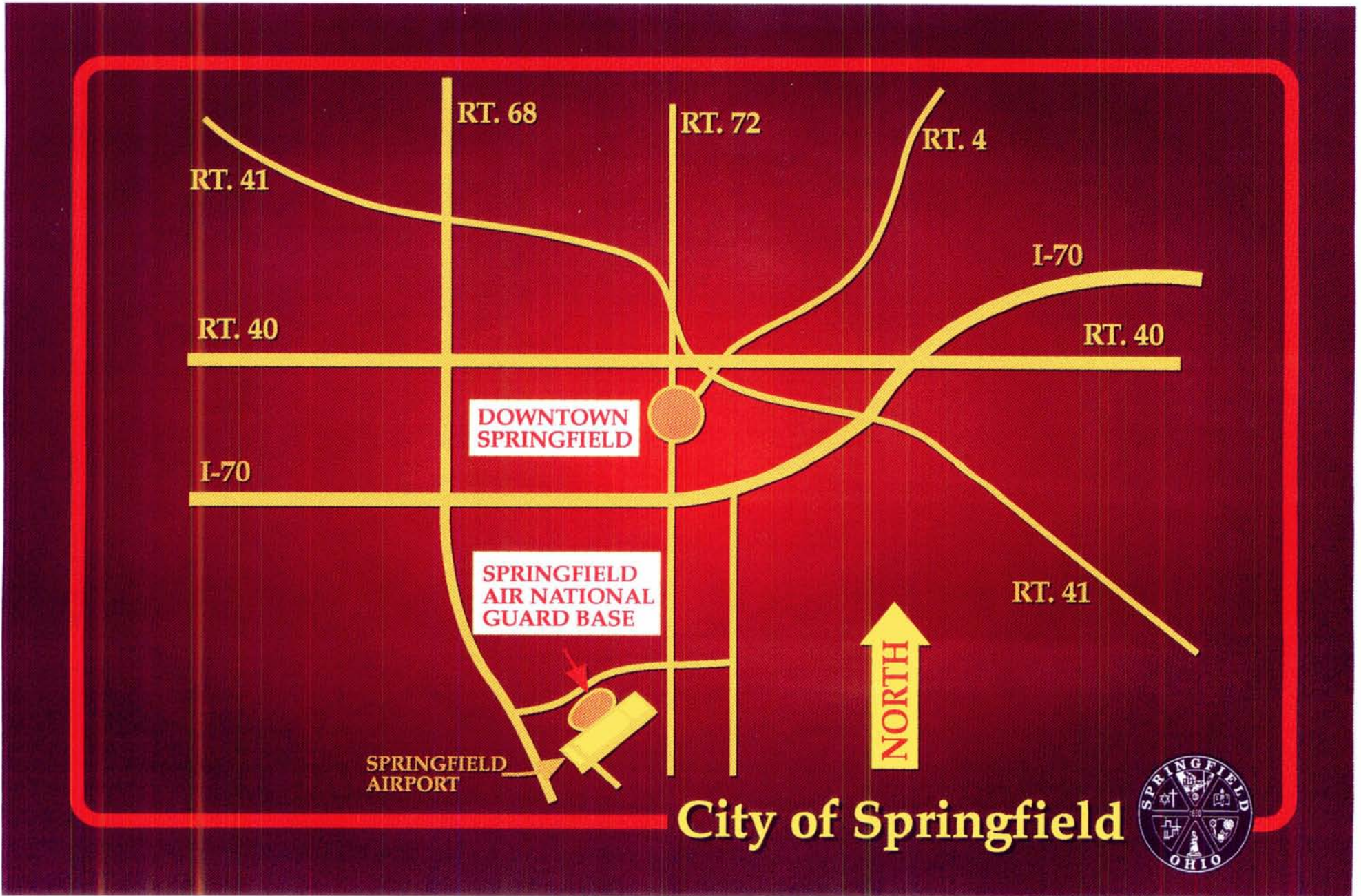
269th Combat Communication Squadron

Springfield, Ohio Air National Guard

City of Springfield









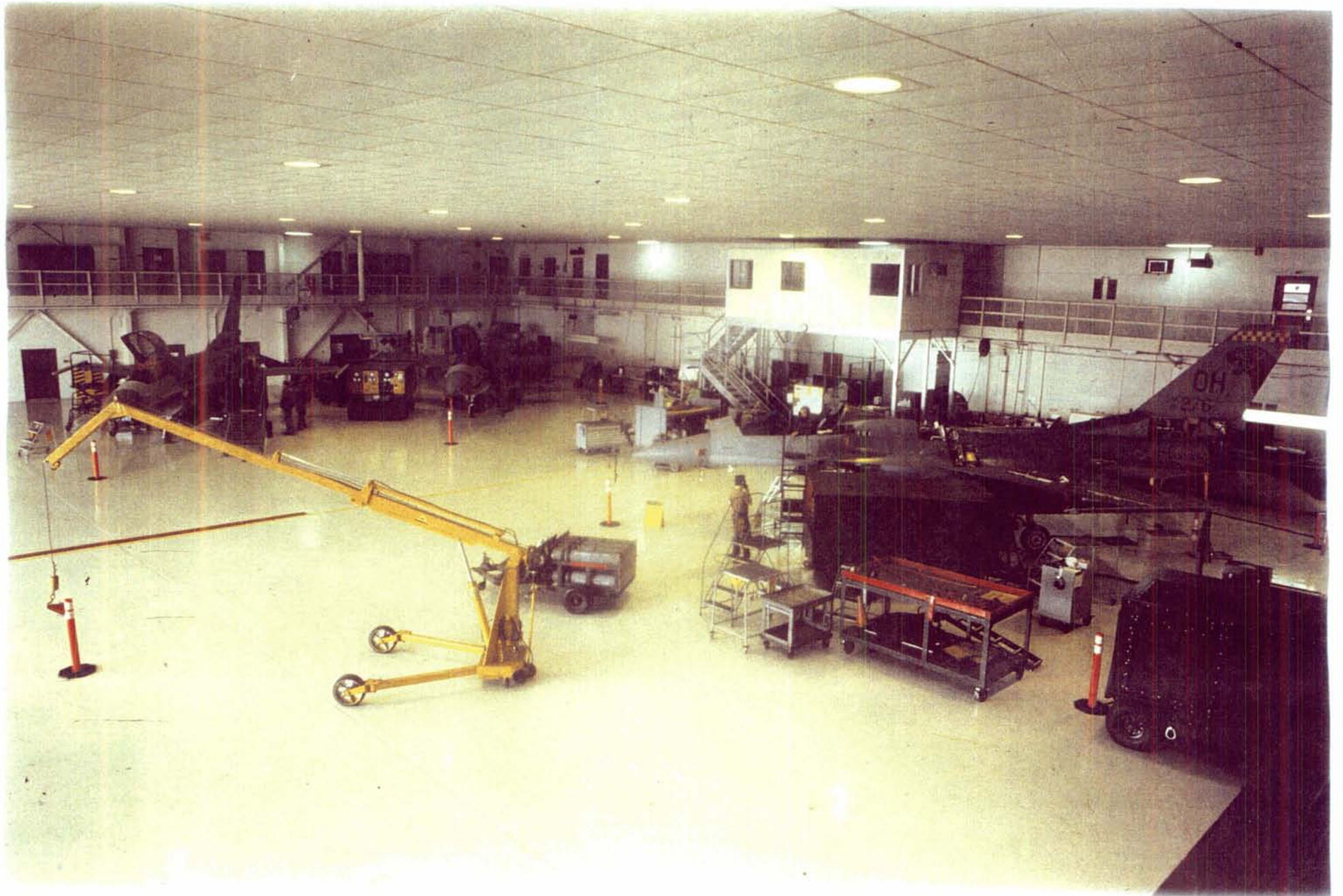
SLIDE #5



SLIDE #6



SLIDE #7



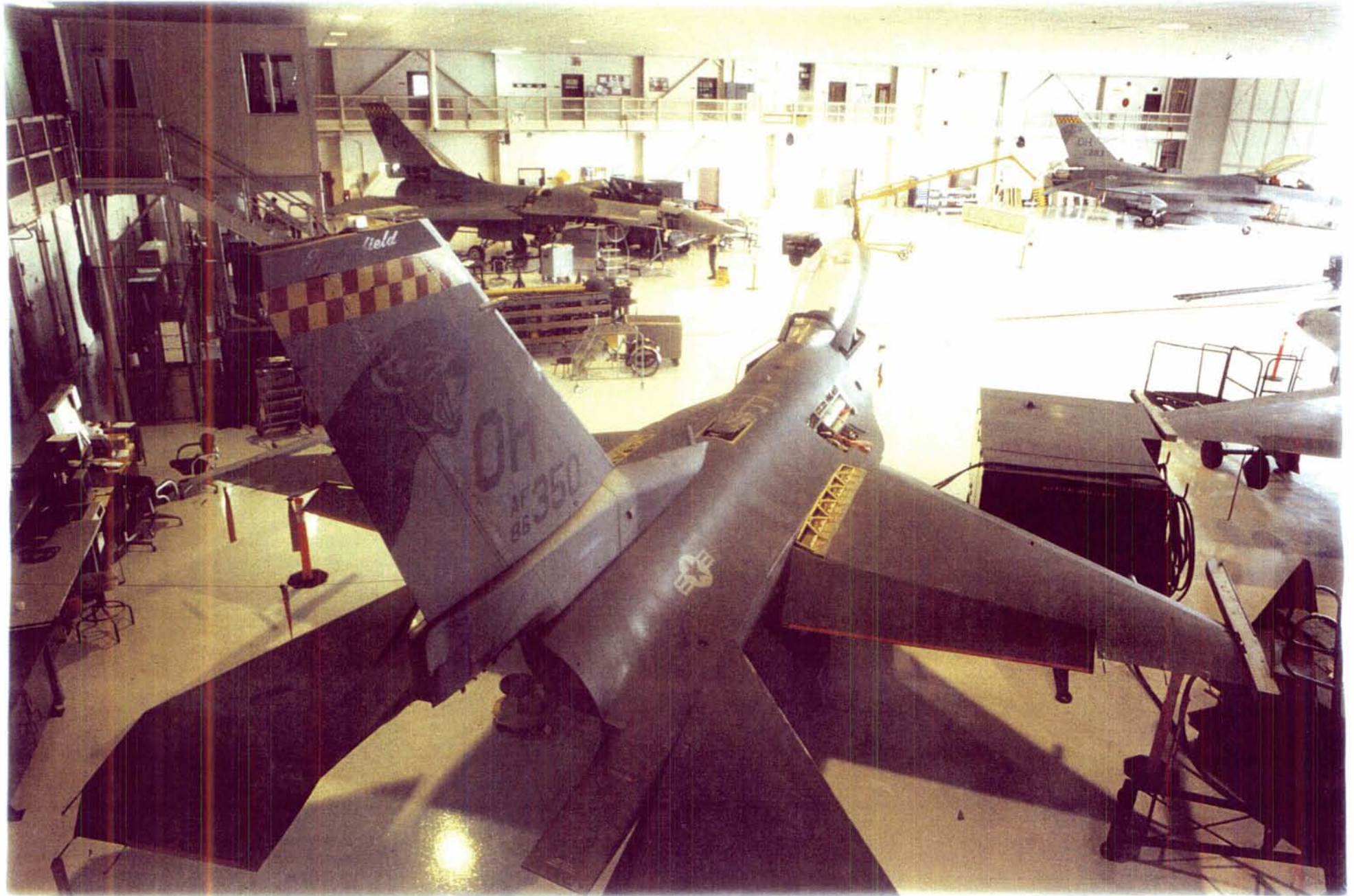
SLIDE #8



SLIDE #9



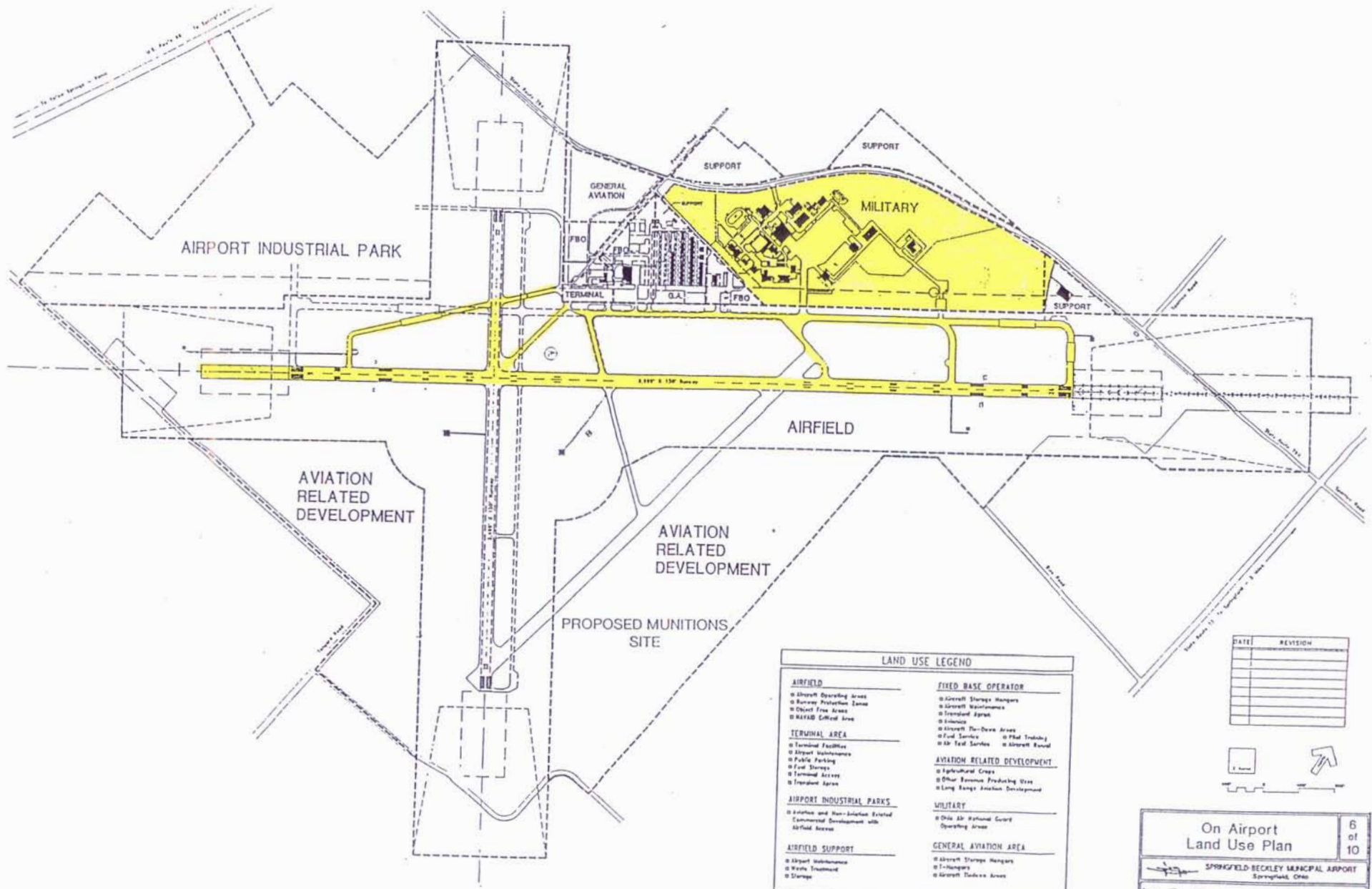
SLIDE #10



SLIDE #11



SLIDE #12

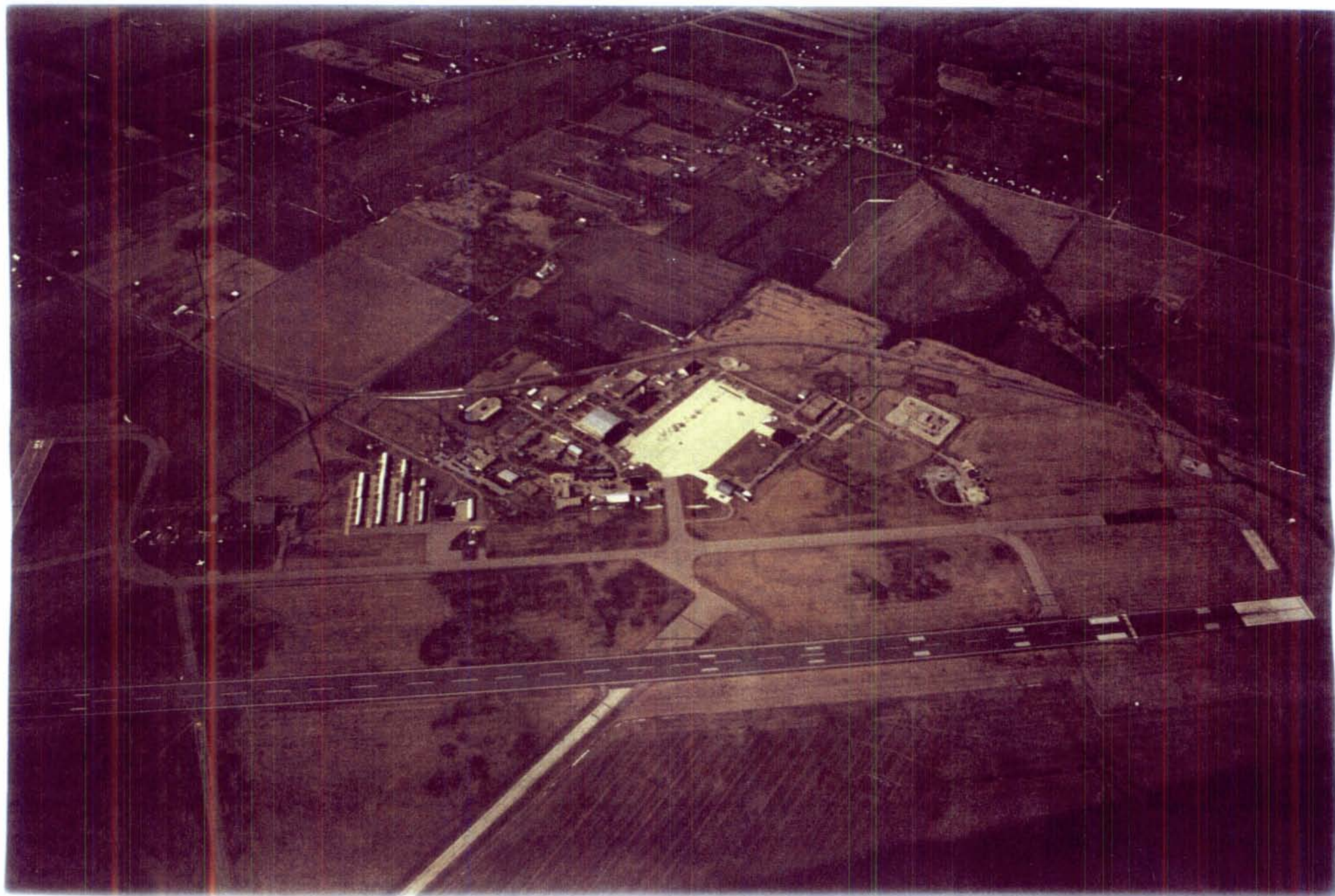


LAND USE LEGEND	
AIRFIELD	FIXED BASE OPERATOR
<ul style="list-style-type: none"> ▣ Aircraft Operating Areas ▣ Runway Production Zones ▣ Obstacle Free Areas ▣ RAVAB Critical Area 	<ul style="list-style-type: none"> ▣ Aircraft Storage Hangars ▣ Aircraft Maintenance ▣ Overland Apron ▣ Taxiway ▣ Aircraft Fuel-Dispense Areas ▣ Fuel Services ▣ Flight Training ▣ Air Taxi Services ▣ Aircraft Boneyard
TERMINAL AREA	AVIATION RELATED DEVELOPMENT
<ul style="list-style-type: none"> ▣ Terminal Facilities ▣ Airport Inspections ▣ Public Parking ▣ Fuel Storage ▣ Terminal Access ▣ Transport Apron 	<ul style="list-style-type: none"> ▣ Agricultural Crops ▣ Other Business Producing Uses ▣ Long Range Aviation Development
AIRPORT INDUSTRIAL PARKS	MILITARY
<ul style="list-style-type: none"> ▣ Airframe and Non-Airframe Related Commercial Development with Airfield Access 	<ul style="list-style-type: none"> ▣ Ohio Air National Guard Operating Areas
AIRFIELD SUPPORT	GENERAL AVIATION AREA
<ul style="list-style-type: none"> ▣ Airport Inspections ▣ Waste Treatment ▣ Storage 	<ul style="list-style-type: none"> ▣ Aircraft Storage Hangars ▣ T-Hangars ▣ Aircraft Tiedown Areas

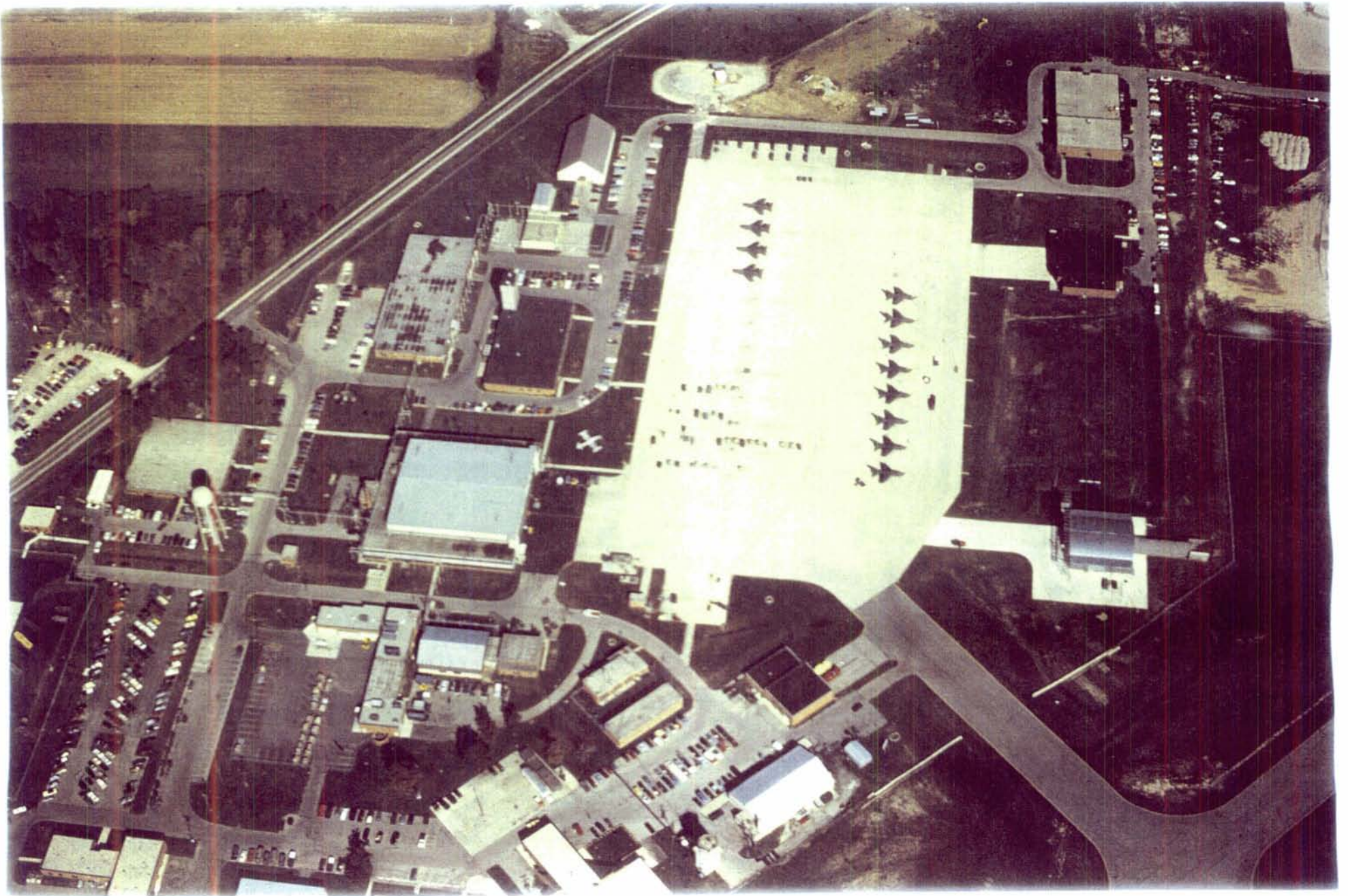
DATE	REVISION



On Airport Land Use Plan		6 of 10
SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT Springfield, Ohio		
AVIATION PLANNING ASSOCIATES, INC. 421 Arch Street, Columbus, Ohio 43202		



SLIDE #14

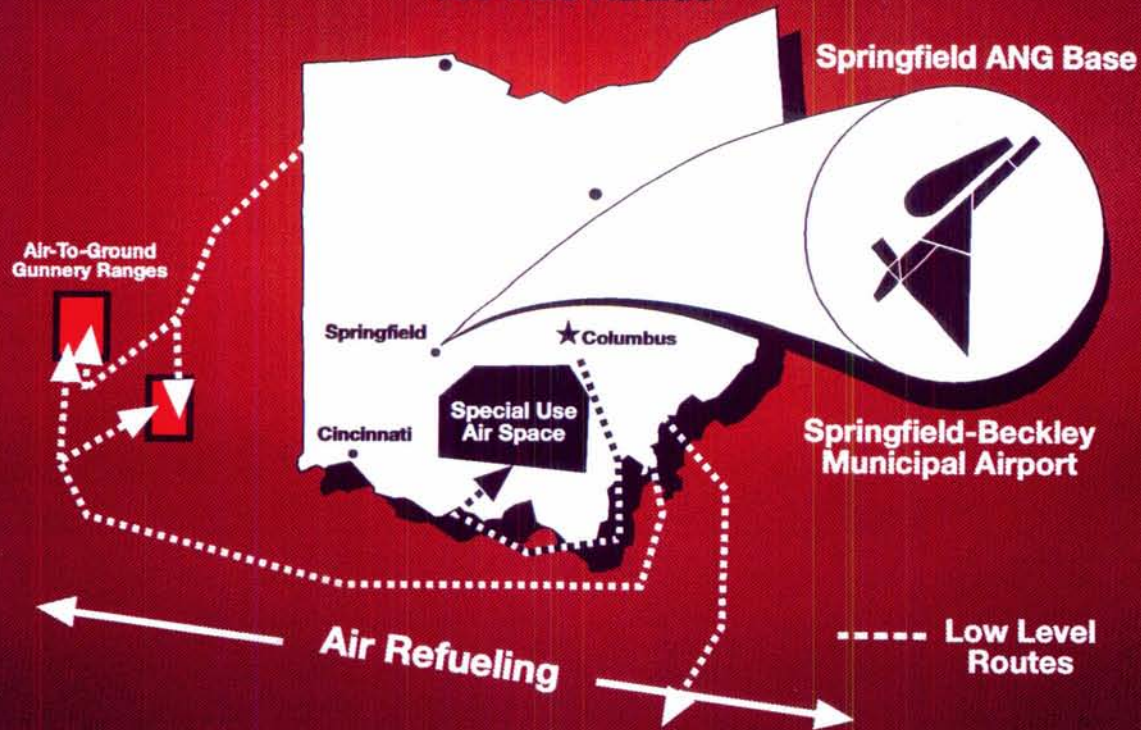


SLIDE #15

Springfield ANG Base

Operational Merit

"150 Mile Radius"



City of Springfield



Demographics of the Springfield Air National Guard Base



City of Springfield



Military Value

Springfield Means:

- Superior readiness environment
- Optimizes economy of operation
- Accommodates contingency response
- Excellent recruiting environment
- Minimum encroachment and spacious
- Paid for \$\$\$
- Avoids spending - apply to readiness
- Easily contracted or expanded mission role

City of Springfield



"...I see no operational gain in transferring the 178th from Springfield to Wright-Patterson AFB. In fact, there's a strong likelihood that the move would detract from unit readiness at the very time when it is more critical than ever that we achieve even higher levels of combat capability in every one of our rapidly shrinking inventory of combat units."

**Robert I. McCann
Brig Gen, USAF (Ret)**

City of Springfield



- 1976** Pentagon studies Springfield ANG move to WPAFB. Proposal rejected!
- 1993** BRAC considers Springfield ANG move to WPAFB. Rejected - too costly!
- 1995** BRAC again reviews move to WPAFB

Is the Air Force committed to moving this base to Wright-Patterson Air Force Base, regardless of cost and at BRAC expense?

City of Springfield



All Costs Must Be Accounted For

- Overhead costs need to be applied to accurately compare unit cost of operation
- Utility cost allocation at WPAFB needs to be identified wholly and accurately
- Necessary support functions need to be assessed and any costs to be charged by WPAFB to the Springfield Ohio Air Guard unit need to be considered

Let's make sure ALL COSTS are accounted for before a decision is made!

City of Springfield



Economic Impact to Clark County/Springfield

- **Loss of \$23 million in payroll and nearly \$62.3 million impact to the surrounding community - one of the largest employers in Clark County/Springfield.**
- **Loss of the primary tenant to the Springfield-Beckley Municipal Airport which accounts for over 20% of its annual operations budget, putting continued airport operation at risk.**

City of Springfield



Economic Impact to Clark County/Springfield

- **Abandonment of over \$40 million in capital investments made in support of the OANG by the military, State of Ohio and the City of Springfield - more infrastructure than the City can put to productive use or support proper maintenance of.**
- **Abandonment of facility and infrastructure with no provision for caretaking, maintenance and financial assistance to convert the facilities to private use - the facility is on leased land from the City and is not federal property!**

City of Springfield



Economic Impact on Community

- **Military Pay (1250)** _____ **\$9 Million**
- **Civilian Pay (275)** _____ **\$14 Million**
- Total** _____ **\$23 Million**

Impact

	Direct	Induced	Total
• Payroll	\$23 M	\$39.3 M	\$62.3 M

City of Springfield



Springfield Ohio Air National Guard Base presents a unique problem in the BRAC process - it is on land leased from the city, not federal property - how do we deal with the re-use and caretaking responsibilities?

City of Springfield



Closure Costs & Reuse Issues

- Environmental baseline study
- Environmental cleanup & correction responsibilities
- Development of facility reuse plan
(18 to 24 months)
- Environmental impact statement (EIS)
- Personal property and major equipment disposition
- Major runway & navigation aids maintenance
- Caretaker and maintenance responsibilities
(3 to 5 years)

Will the City of Springfield be treated fairly?

City of Springfield



Community Commitment

The Springfield OANG base represents 40 years of cooperative effort which includes the purchase and lease of land at our airport, extension of all utilities, investment in joint projects, strong community support and more from the State of Ohio and the City of Springfield.

We ask for consideration in return!

City of Springfield



Summary

It does not make operational readiness or economic sense to relocate the 178th Fighter Group, the 251st Combat Communication Group HQ, and the 269th Combat Communication Squadron to Wright-Patterson AFB.

City of Springfield



GOVERNOR'S STATEMENT



GEORGE V. VOINOVICH
GOVERNOR

STATE OF OHIO
OFFICE OF THE GOVERNOR

COLUMBUS 43266-0601

March 31, 1995

The Honorable Alan Dixon
Chairman
1995 Base Closure & Realignment Commission
1700 N. Moor Street, Suite 125
Arlington, Virginia 20009

Dear Senator Dixon:

I was disturbed to learn of the Air Force's recommendation to realign Ohio Air National Guard units from Springfield to Wright Patterson AFB as part of the 1995 base closure and realignment actions. This same proposal was proffered in 1993, only to be overturned because it was not cost effective.

By the Air Force's own admission, the cost savings in the 1993 recommendation were grossly inaccurate. In the initial announcement, the cost of moving the Springfield units was estimated at \$3 million. Further analysis of the proposal projected moving costs in excess of \$42 million. The Air Force then backed away from the proposal and recommended that the units stay in place. This course of action was upheld by the BRAC Commission.

Little has changed over the past two years to warrant this recommendation. In fact, the Air Force Reserve unit currently stationed at Wright Patterson Air Force Base has been upgraded from a group to a wing and has expanded into many of the facilities targeted for use by the Air National Guard in the last proposal.

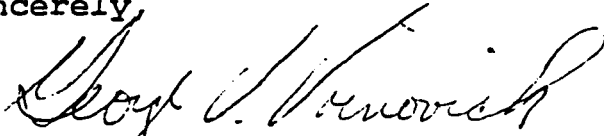
As I understand it, the next step in this process will be a site analysis of the proposal to validate its cost effectiveness. I urge your support in ensuring full disclosure by the Air Force of its methods for determining cost effectiveness and a free and open exchange of information at all levels of the Air Force as we move forward on this issue.



With regard to the military value of the proposal, I feel both readiness and recruiting will suffer if the Air National Guard is relocated to an active installation. The Air Guard enjoys superior facilities and a strong community recruiting base in Springfield. Movement to WPAFB will isolate the units from the community and result in expensive, unnecessary military construction to adequately house the Guard.

The strength of the National Guard lies in its direct ties to the community. This method of stationing America's community-based defense force has not only served us well, it has proven to be the most economical way to recruit, retain, and maintain National Guard operations. Upon close scrutiny of this proposal, I know you and members of the Commission will feel the same way.

Sincerely,

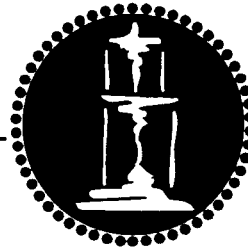


George V. Voinovich
Governor

MAYOR'S STATEMENT

THE CITY OF SPRINGFIELD

Office of the City Commission



INCORPORATED SINCE 1850

76 EAST HIGH STREET
SPRINGFIELD, OHIO 45502
513-324-7340
513-324-7343
FAX 513-324-4118

April 12, 1995

The Honorable Alan Dixon, Chairman
Defense Base Closure & Realignment Commission
1700 North Moore Street, Suite 1425
Arlington, Virginia 22209

RE: Springfield, Ohio Air National Guard Base

Dear Mr. Dixon:

I am sending this letter to express my concern regarding the proposed closure of the Springfield, Ohio Air National Guard Base (OANG) and the proposed transfer of the same to Wright-Patterson Air Force Base (WPAFB). The Springfield, Ohio Air National Guard Base represents an excellent example of a federal - state - city and military partnership that provides a very efficient and cost effective approach to military readiness.

A similar proposal to relocate the Springfield, Ohio Air National Guard Base to Wright-Patterson Air Force Base was made by the Air Force in 1993. After just a few short weeks, it became evident that the cost to relocate this unit had been grossly understated (over \$40 million vs \$3 million estimated) and that the operational savings were suspect. As a result, the 1993 BRAC Commission rejected the Air Force's realignment proposal and kept the unit in Springfield, Ohio.

I urge you and your colleagues on the BRAC Commission to give this proposal close scrutiny as was the case two years ago. We believe and I think you will find that keeping this Ohio Air National Guard unit here in Springfield is more cost effective and is in the best interest of military value.

Thank you for your cooperation and consideration.

Sincerely,

A handwritten signature in cursive script that reads "Dale A. Henry".

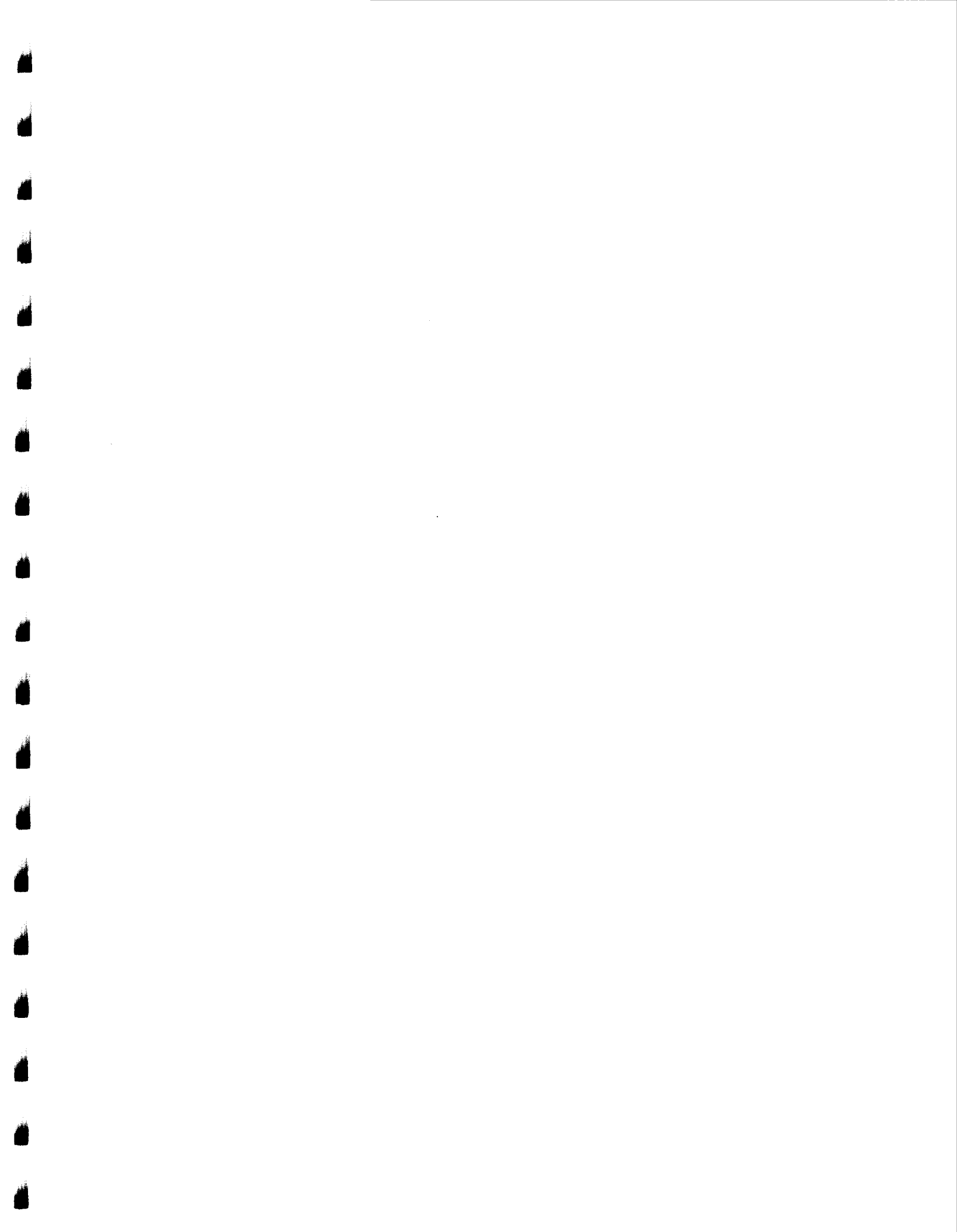
Dale A. Henry
Mayor

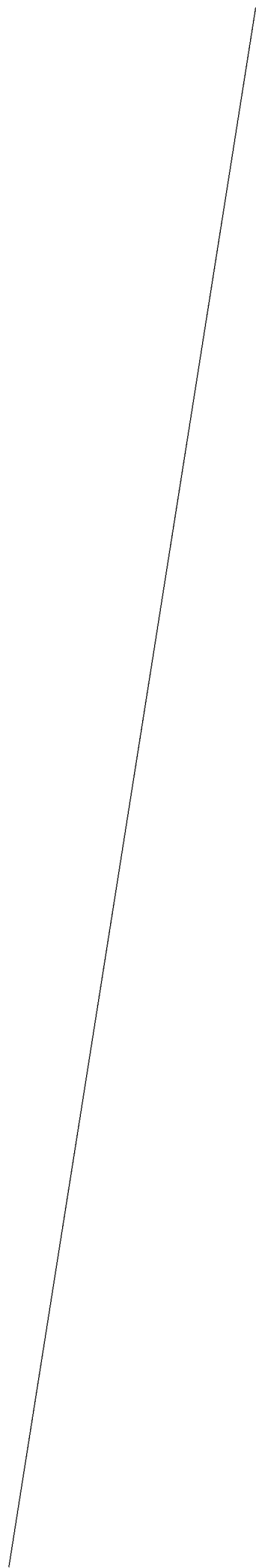
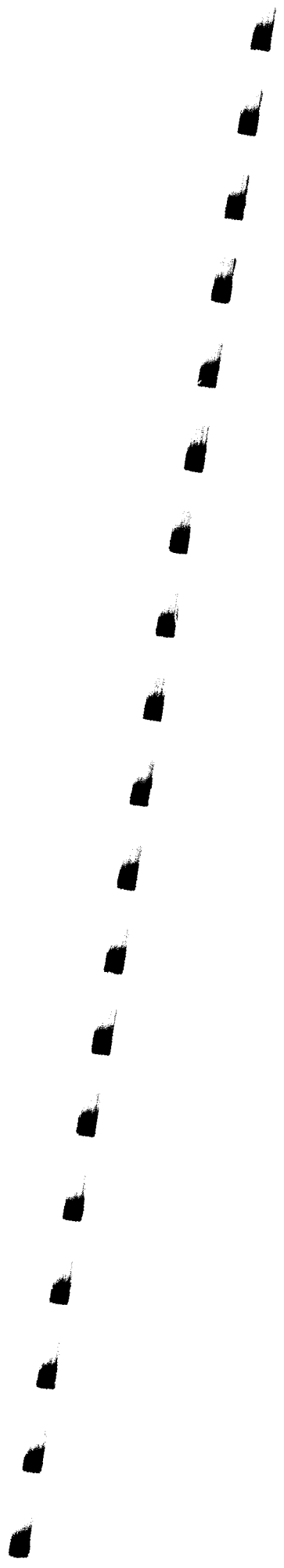
MAYOR
DALE A. HENRY

ASSISTANT MAYOR
FAYE M. FLACK

COMMISSIONERS
WARREN R. COPELAND
KEVIN O'NEILL
SHEILA D. BALLARD

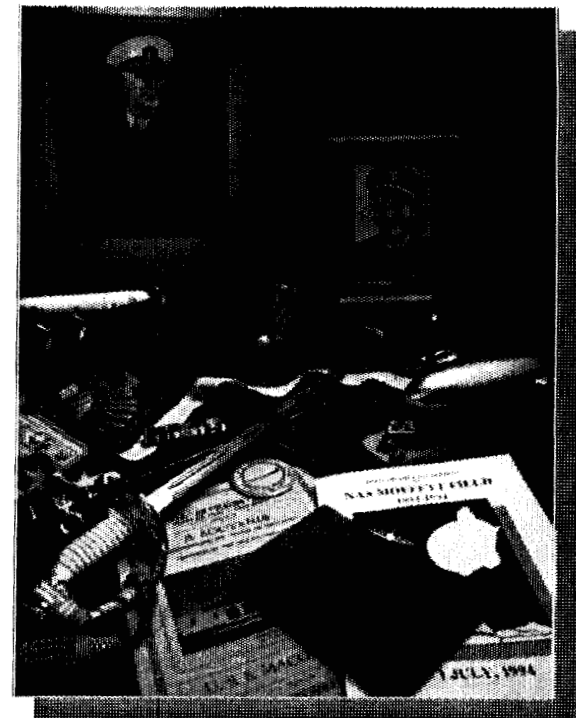
CLERK OF COMMISSION
CONNIE J. CHAPPELL





Document Separator

Moffett Field Complex
Community Presentation to
Commissioners Cox & Cornella
and BRAC 95 Staff



Briefing Outline

◆ Introduction

- ◆ **Moffett Field Complex**
- ◆ **Air Force Recommendations**
- ◆ **Onizuka Air Station**
 - National Security
 - Military Value
 - COBRA Analysis
 - Alternative Proposal
- ◆ **129th Rescue Group (RQG)**
 - Military Value
 - COBRA Analysis
 - National Security
- ◆ **Summary and Conclusions**



Briefing Panelists

<i>Panelist</i>	<i>Title</i>
Honorable Dianne McKenna	Member, Board of Supervisors, Santa Clara County
Honorable Anna Eshoo	Member of Congress (D-14-CA)
Honorable Barbara Waldman	Mayor of Sunnyvale
Honorable Patricia Figueroa	Mayor of Mountain View
Mr. John McMahon	Former Deputy Director, CIA
Honorable Robin Parker	Councilmember, City of Sunnyvale
Mr. Tapan Munroe	Chief Economist, Pacific, Gas & Electric
Mr. Lee Grissom	Director of Planning & Research, Officer of the Governor

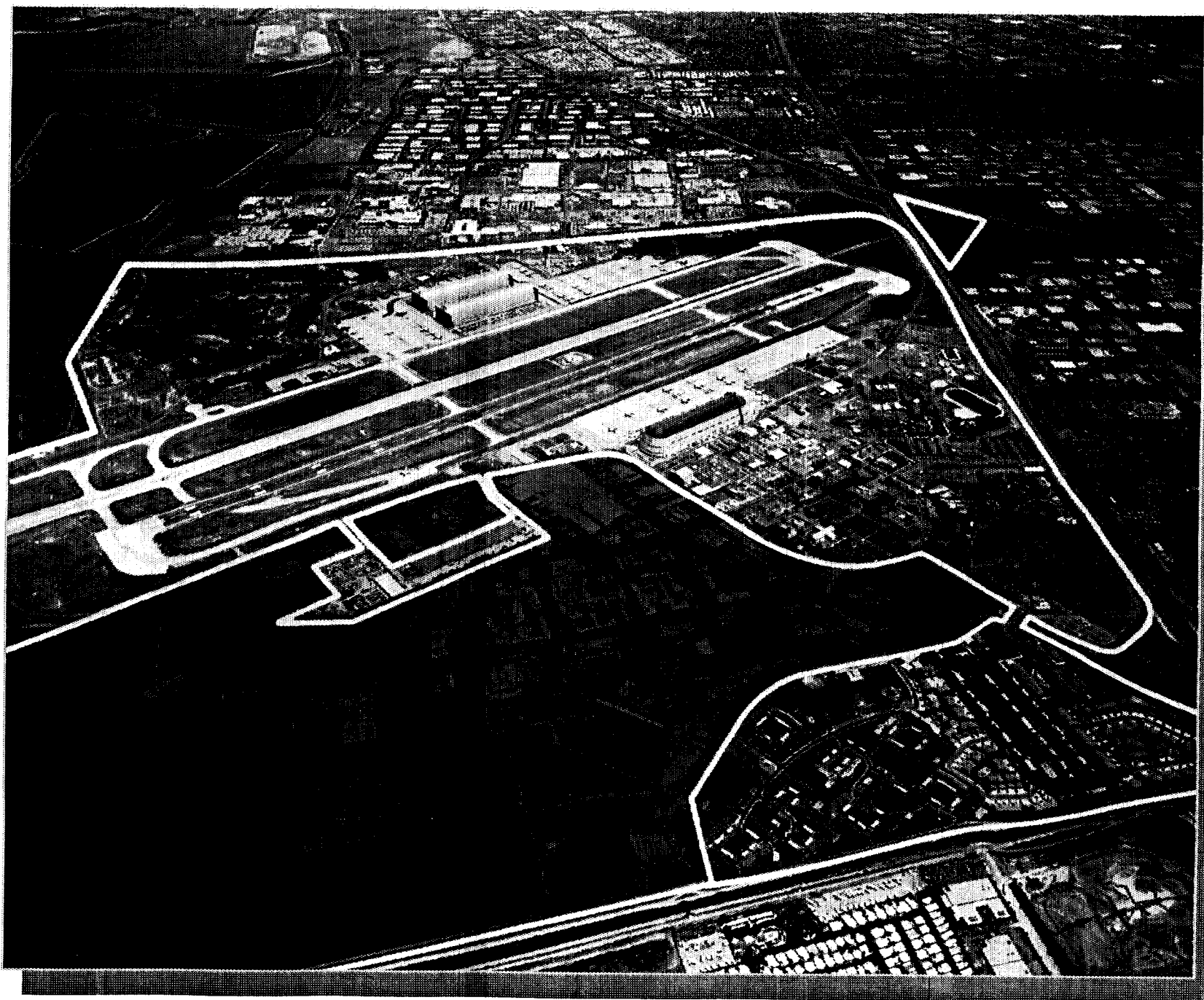
Briefing Outline

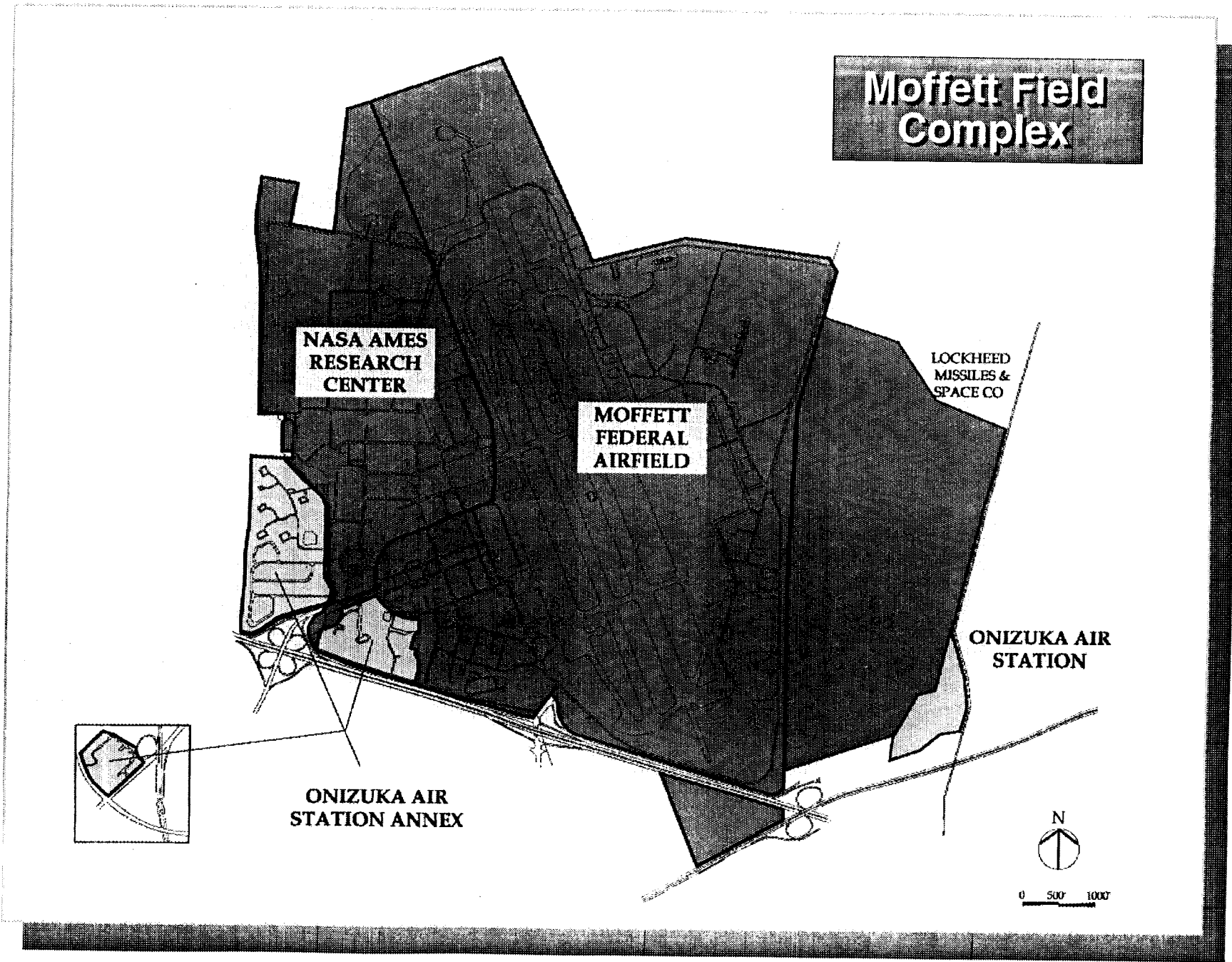
- ◆ Introduction
- ◆ **Moffett Field Complex**
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Moffett Field Complex
Center of America's
Aerospace Industrial Base







**Moffett Field
Complex**

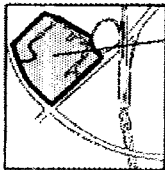
**NASA AMES
RESEARCH
CENTER**

**MOFFETT
FEDERAL
AIRFIELD**

LOCKHEED
MISSILES &
SPACE CO

ONIZUKA AIR
STATION

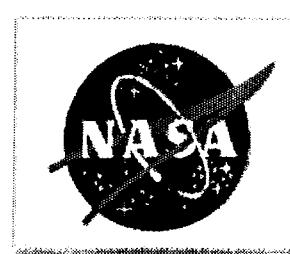
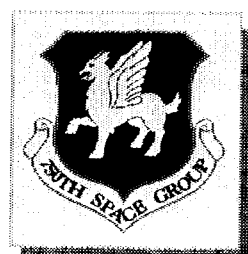
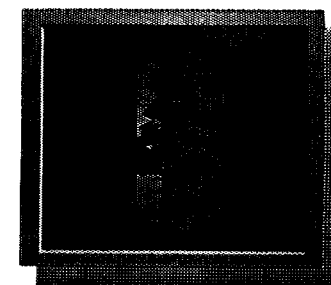
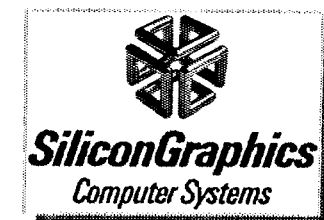
ONIZUKA AIR
STATION ANNEX



0 500 1000

Moffett Field Complex

- ◆ **Moffett Federal Airfield**
- ◆ **Onizuka Air Station**
- ◆ **NASA Ames Research Center**
- ◆ **Aerospace and High Technology Industries**
- ◆ **Bay Area Universities**

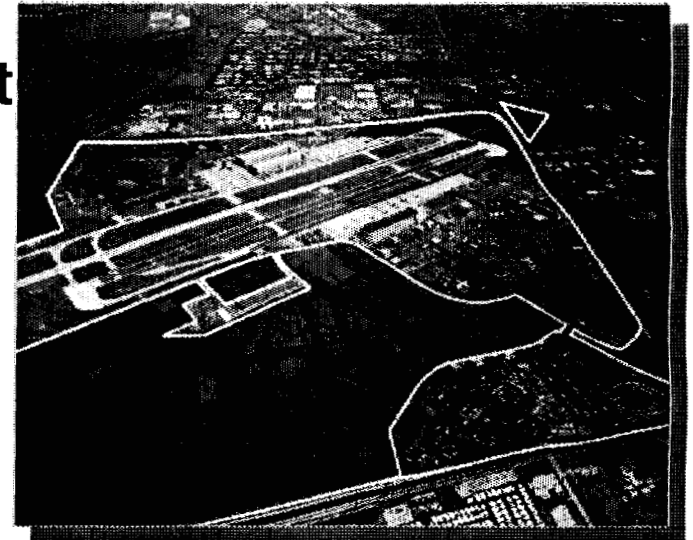


Moffett Field Complex



Moffett Federal Airfield

- ◆ **Approximately 1,500 acres**
- ◆ **3.5 million square feet of facilities**
- ◆ **Two runways of 9,200 and 8,100 feet capable of accommodating the largest military transport aircraft**
- ◆ **All-weather capability / controlled airfield**
- ◆ **129th Rescue Group (RQG) – CANG**
 - **Key aviation tenant at the airfield**
 - **Air Guard Search & Rescue Mission**
 - **Provides manpower for the Moffett Federal Airfield's Crash, Fire and Rescue; and Air Traffic Control operations**



Moffett Field Complex

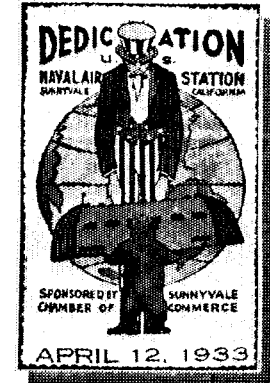


Onizuka Air Station

- ◆ **Air Force Space Command (750th Space Group): Satellite Command and Control Network**
- ◆ **Space & Missile Systems Center (Detachment 2): Research, Development, Test & Evaluation of Pre-Operational Spacecraft**
- ◆ **Classified Tenants**

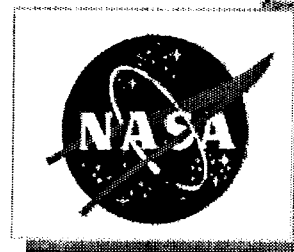


Moffett Field Complex



NASA Ames Research Center

- ◆ Center for National Rotorcraft and Powered – Lift Flight Research
- ◆ Research Center for Aeronautics, Space, Life and Earth Sciences
- ◆ Custodian of Moffett Federal Airfield



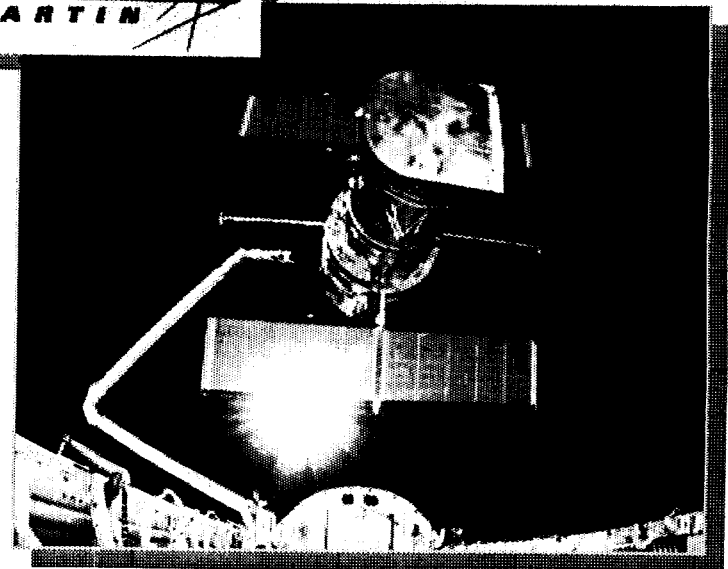
Moffett Field Complex

Aerospace and High Technology Industries



- ◆ Lockheed Missiles & Space Company
- ◆ TRW
- ◆ Loral
- ◆ Silicon Graphics
- ◆ Trimble Navigation

LOCKHEED MARTIN

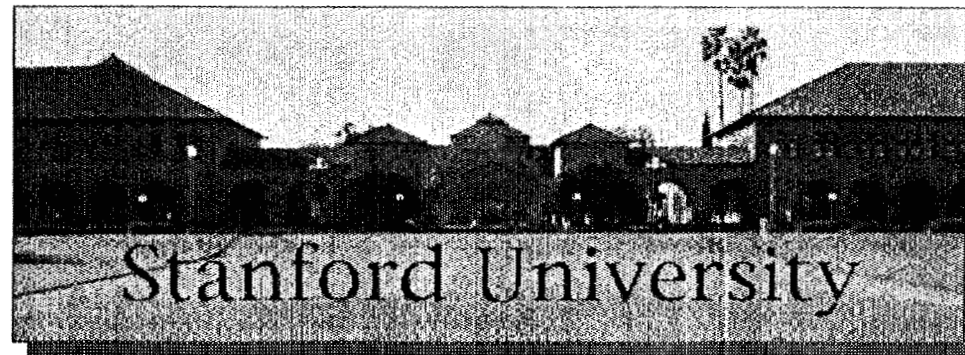


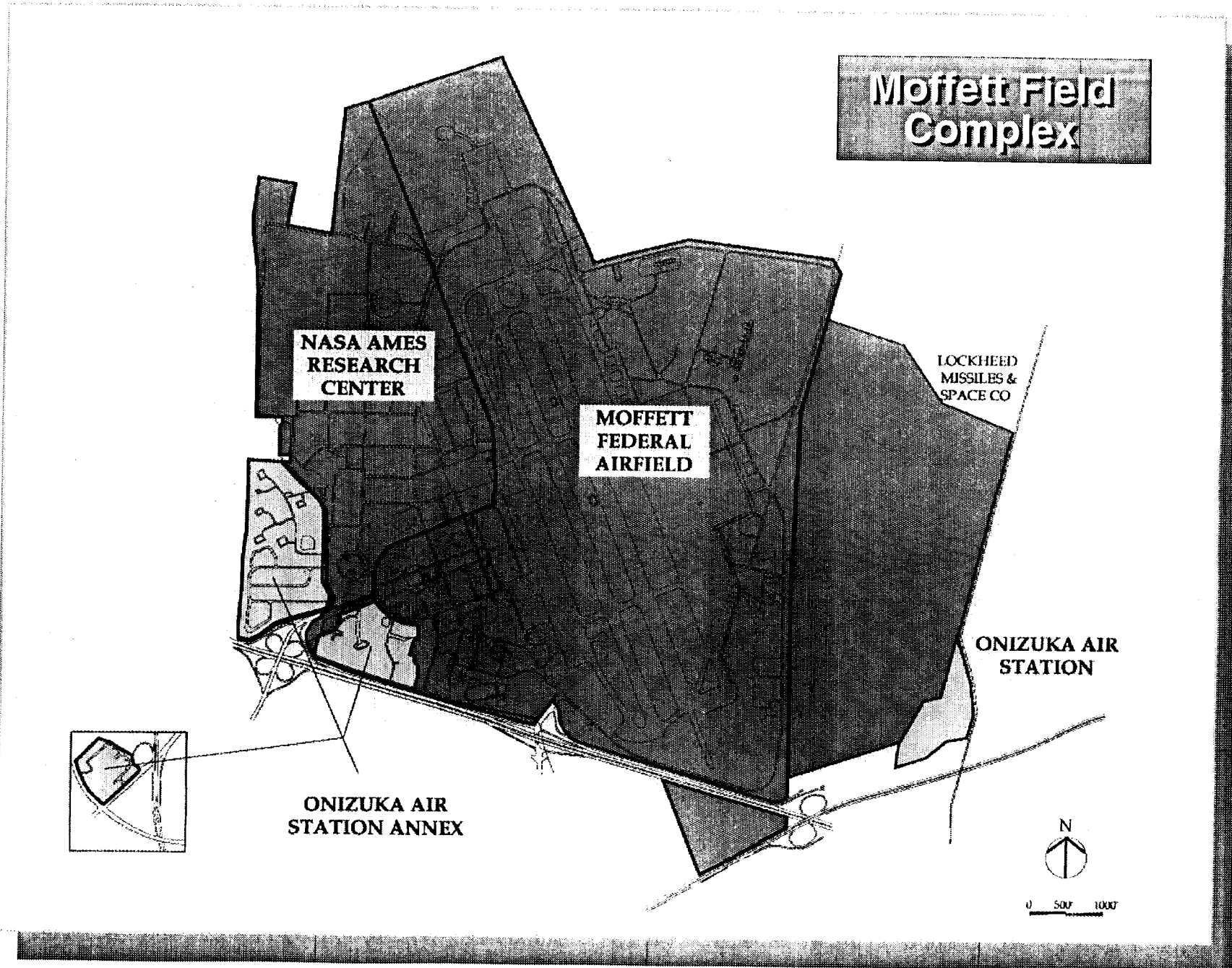
Moffett Field Complex



Bay Area Universities

- ◆ **Close proximity**
- ◆ **Direct contribution to educational and professional development of engineers / scientists; and conduct of research initiatives, etc.**
- ◆ **Stanford, U.C. Berkeley, San Jose State, Santa Clara, etc.**





Briefing Outline



- ◆ Introduction
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DEPARTMENT OF DEFENSE

BASE CLOSURE

AND

REALIGNMENT

REPORT

March 1995

Air Force Recommendations



Onizuka Air Station (OAS)

◆ Recommendations

- Realign OAS
- Inactivate the 750th Space Group
- Relocate 750th functions to Falcon AFB
- All activities and facilities associated with the 750th will close (family housing/clinic)
- Detachment 2, Space and Missiles Systems Center will relocate to Falcon AFB

◆ Justification

- Single Node versus Dual Node
- OAS ranked lower in Military Value than Falcon AFB
- Significantly higher closure costs at Falcon AFB

◆ Return On Investment

- Estimated one – time cost to implement: \$124.2 million
- ROI: Expected in eight (8) years

Onizuka Air Station



- ◆ **National Security Implications**
- ◆ **Military Value Analysis**
- ◆ **Flawed Air Force Analysis**
- ◆ **Alternative Realignment Proposal**

Air Force Recommendations



Moffett Federal Airfield Air Guard Station

- ◆ **Recommendation**
 - **Close Moffett Federal Airfield Air Guard Station**
 - **Relocate 129th RQG and associated aircraft to McClellan AFB**

- ◆ **Justification**
 - **Costs to the Air National Guard for Moffett Federal Airfield operations have risen significantly**
 - **Costs can be avoided if unit moved to an active duty airfield**

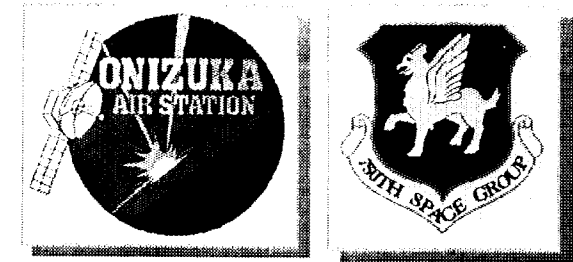
- ◆ **Return on Investment**
 - **Estimated one – time cost to implement: \$15.2 million**
 - **ROI: Expected in four (4) years**

129th Rescue Group (RQG)



- ◆ **Military Value Analysis**
- ◆ **COBRA Analysis**
- ◆ **Recommended Course of Action**

Briefing Outline



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Onizuka Air Station



◆ National Security Implications

◆ Military Value Analysis

◆ Flawed Air Force Analysis

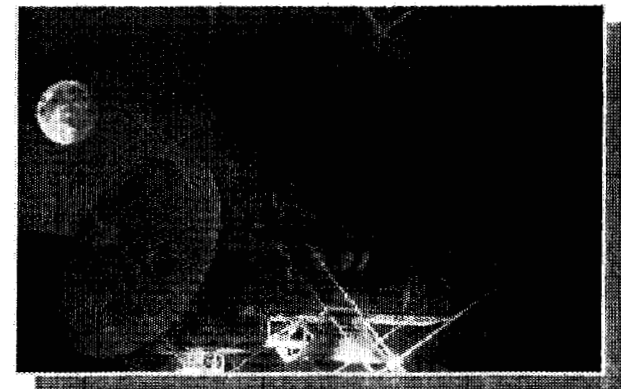
◆ Alternative Realignment Proposal

Onizuka Air Station

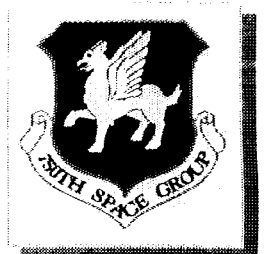


National Security Implications / Operational Requirements

- ◆ **Redundancy (Dual Node vs. Single Node)**
 - **Mission Objective**
 - **Mission Requirements**
 - **Security Requirements**
 - **External / Environmental Threats**
 - **Need for Back-up**
 - **Air Force Policy Directive**



Onizuka Air Station



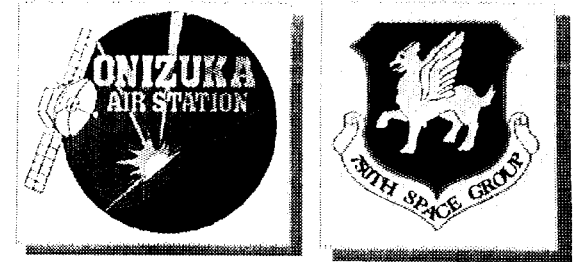
◆ Redundancy (Dual Node vs. Single Node)

– Mission:

Mission objective is to provide vital support from space during peace and throughout all levels of conflict with a robust, flexible, responsible and enduring satellite control capability.



Onizuka Air Station



- ◆ **Redundancy (Dual Node vs. Single Node)**
 - **Mission Requirements:**
 - **Standardized space / ground segment datalinks**
 - **Data processing elements**
 - **Interfaces**
 - **Support infrastructure**
 - **Secure communications**
 - **Data dissemination connectivity**
 - **Back-up resources to eliminate single failure points**

Onizuka Air Station



◆ Redundancy (Dual Node vs. Single Node)

– Security Requirements

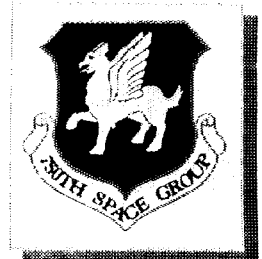
- Highest degree
- Multi – Level
- Redundancy

– External / Environmental Threats

- Protestors
- Terrorists
- Natural disasters

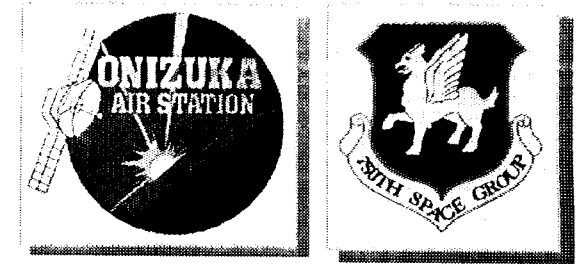


Onizuka Air Station



- ◆ **Redundancy (Dual Node vs. Single Node)**
 - **Back – Up Required**
 - **Critical national assets**
 - **Continuous / Uninterrupted control capability**
 - **Air Force Policy Directive**
 - **January 30, 1995**
 - **Back – up satellite control capability**
 - **Geographical separation required**

Onizuka Air Station



◆ National Security Implications

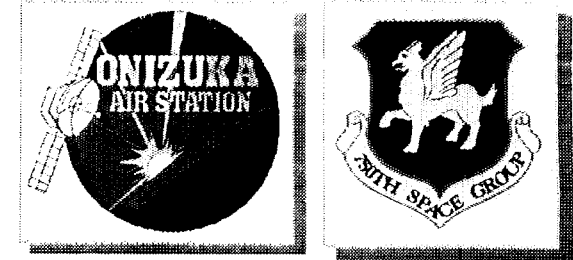
◆ Military Value Analysis

◆ Flawed Air Force Analysis

◆ Alternative Realignment Proposal

Onizuka Air Station

Military Value Analysis



- ◆ **Unauditable Due To Secret Ballot By BCEG**
- ◆ **Air Force Relied On "Military Judgment"**
- ◆ **Undocumented Approach Put Falcon In Tier I and Onizuka in Tier III**
- ◆ **GAO Faulted This Approach**
- ◆ **Makes Commission's Independent Assessment Difficult**
- ◆ **Commission's Independent and Thorough Review Is Crucial**



Onizuka Air Station



Military Value Analysis – Satellite Control Operations

- ◆ **Mission Capacity (Future Mission Projection)**
 - **Unidentified 75% Reduction In Future Missions**
 - **No Reason To Assume Reduction Based On Current Total Capacity**
 - **Were Tenant Activities The Source Of This Reduction?**

Onizuka Air Station



Military Value Analysis – Satellite Control Operations

- ◆ **Mission Capacity (Core Mission Capable)**
 - Onizuka has 23 CPUs of data processing power, Falcon has 13 CPUs
 - Onizuka has 36 satellite control points, Falcon has 21 control points
 - Onizuka has 100% of bandwidth capability benchmark, Falcon has 30%
- ◆ **Onizuka clearly superior on relevant mission capacity scoring subelements**
- ◆ **Realigning to Falcon AFB which does not have Core Capacity**

Onizuka Air Station

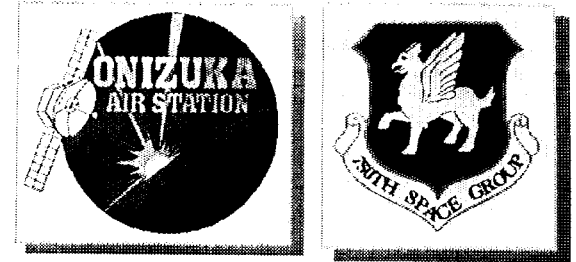


Military Value Analysis – Facilities and Infrastructure

- ◆ **Mission Capacity (Unique Facilities)**
 - **Air Force Questionnaire Lists None**
 - **Onizuka Has Several Unique Facilities Including:**
 - **Data Link Terminal**
 - **Camp Parks Calibration Facility**
 - **Communication Connectivity**
 - **DSCS Heavy Terminal**
 - **Classified Programs**
 - **Space Ops Center 37 (Test Support)**

Onizuka Air Station

Military Value Analysis – Facilities and Infrastructure



- ◆ **On-Base Housing**
 - **Onizuka Annex has Moffett Housing Area**
 - **Falcon Has No On-Base Housing**
 - **Falcon Received (Green –) and Onizuka Received (Yellow +)**
 - **Scoring Is Flawed**

Onizuka Air Station

Military Value Analysis – Facilities and Infrastructure

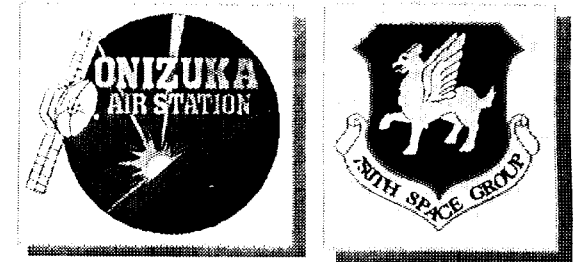


◆ Air Quality

- Weighted 40% (Highest In Subcategory)
 - Not Relevant – No Flight Operations
 - No Impact On Satellite Control
- Onizuka Scored Red on "Restrictions Element", Although No Operational Impact

Onizuka Air Station

Military Value Analysis



◆ Summary

- Onizuka Now Handles Majority of Contacts
- 750th Synergy With Tenants
- Current Location Permits Critical Contractor Support
 - Expertise In Communications, Computing Systems Space Vehicles (Satellites and Boosters)

Onizuka Air Station



◆ **National Security Implications**

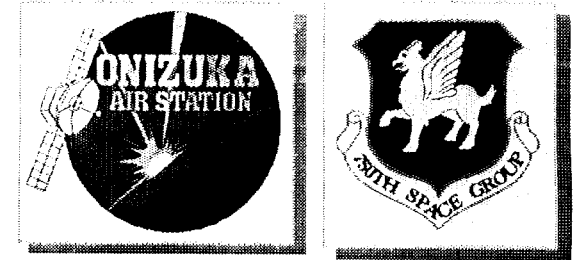
◆ **Military Value Analysis**

◆ **Flawed Air Force Analysis**

◆ **Alternative Realignment Proposal**

Onizuka Air Station

Flawed Air Force Analysis



- ◆ **Air Force Violated DoD BRAC Guidance From Start of Process**
 - Air Force Report
 - Hearing Transcript
- ◆ **Subjective Nature of Decision Process**
- ◆ **Documentation Too Limited for GAO to Substantiate**
- ◆ **Evidence from GAO Supports Conclusion That Rating Was Arbitrary**



Onizuka Air Station

Flawed Air Force Analysis

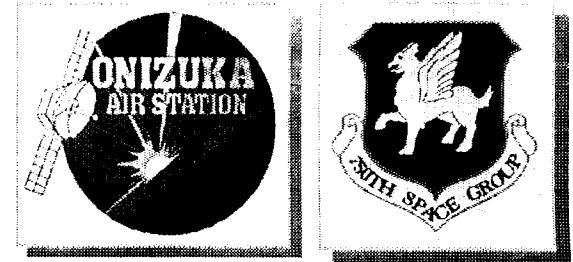


- ◆ **Air Force Savings Shifted As Costs To Other Federal Agencies**
- ◆ **GAO Recommendation to Commission**
 - **Have DoD Identify Closure and Realignment Costs / Savings That Affect Other Federal Agencies**



Onizuka Air Station

Flawed Air Force Analysis

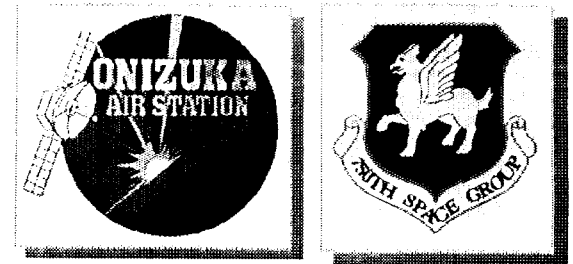


◆ Air Force COBRA Analysis

- Exaggerated prediction of \$10 million RPMA / BOS savings out of \$14 million current level, even though base stays open
- RPMA savings estimate is 100% of costs
- Inclusion of unrelated National Test Facility included in cost of closing Falcon – approximately 35% of cost
- Early consideration of these costs biased closure analysis against Onizuka

Onizuka Air Station

Flawed Air Force Analysis

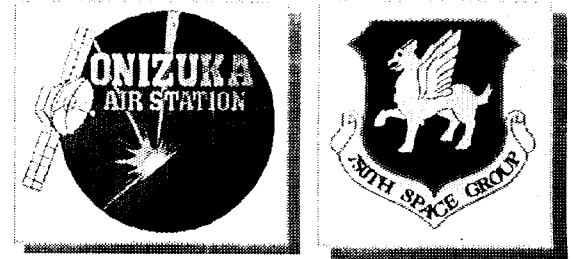


◆ Air Force COBRA Analysis

- COBRA figures revised at least 5 times
 - Each new estimate increasingly justified realignment
- Cost of realignment dropped from \$290.6 million to \$124 million in three months

Onizuka Air Station

Flawed Air Force Analysis



◆ **Air Force COBRA Analysis / Military Construction**

- **Cost of moving tenants is ignored although 750th realignment will cause movement of tenants**
- **Full cost of closure is at least \$250 million**
- **Payback would be close to 20 years**

Onizuka Air Station

Flawed Air Force Analysis



◆ Air Force COBRA Analysis / Infrastructure

- Falcon does not have capability to handle all core operations
- No Consideration Of “Switch” and related equipment costs required at Falcon
 - Cost = approximately \$100 million

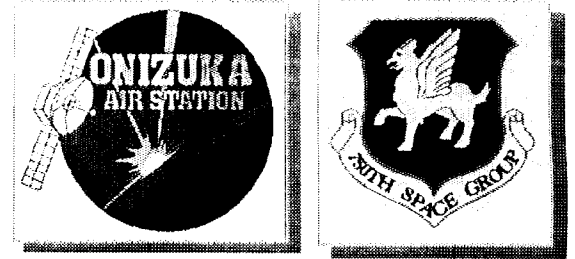
Onizuka Air Station



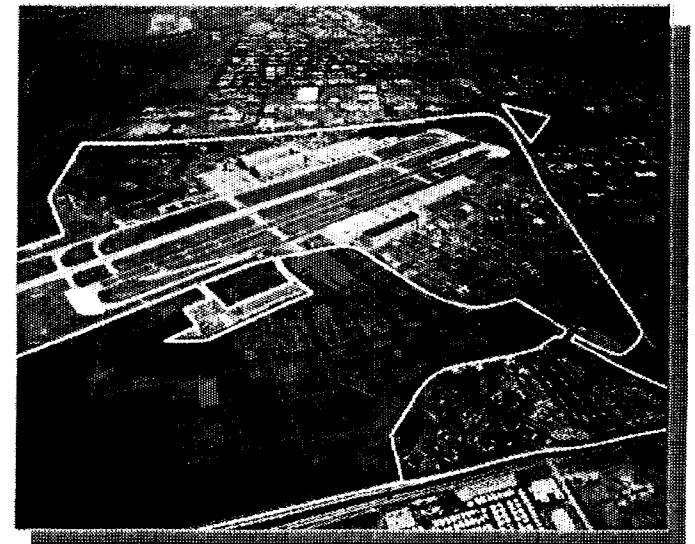
- ◆ **National Security Implications**
- ◆ **Military Value Analysis**
- ◆ **Flawed Air Force Analysis**
- ◆ **Alternative Realignment Proposal**

Onizuka Air Station

Alternative Realignment Proposal



- ◆ **Realign to Moffett Federal Airfield Not Falcon AFB**
- ◆ **Commercial Utilization of Available Capacity**
- ◆ **Integrity of Moffett Complex**



Onizuka Air Station

Alternative Realignment Proposal



- ◆ **Realign To Moffett Federal Airfield**
 - Available Space/Mission Expansion
 - Significant Cost Savings (MILCON, Moving, Leases(\$400K–\$500K per year), Training, etc.)
 - Preserves Redundancy
 - Preserves Highly Skilled Workforce
- ◆ **Commercial Utilization of Available Capacity**
 - “Network of Choice”
 - Commercial Joint Ventures
 - Will generate revenue to reduce operational costs (\$5B to \$20B potential in next 4–5 years)
- ◆ **Integrity of Moffett Field Complex**
 - Irreplaceable Resource
 - Significant National Asset
 - Cornerstone of America’s Space Industrial Base

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- ◆ Summary and Conclusions



129th Rescue Group (RQG)



◆ Military Value Analysis

◆ COBRA Analysis

◆ Recommended Course of Action

129th Rescue Group (RQG)



Air Force Military Value Analysis

- ◆ **No Evidence of Completed Military Value Analysis Prior To Air Force Recommendation**
- ◆ **No Improvement In Military Value Claimed**
- ◆ **Military Value Improvement Should Be Test Of Closure / Realignment per OSD Guidance**
- ◆ **Move to McClellan Reduces Space By 220,000 Square Feet**
- ◆ **Current Moffett Facilities Are 1980's Vintage, McClellan Facilities 1950's Vintage**

129th Rescue Group (RQG)



Air Force Military Value Analysis

- ◆ **Fails Military Value Test**
- ◆ **McClellan Operates Airfield 2 Hours Less Per Day Than Moffett**
- ◆ **Typically More Ground Fog (Thule Fog) At McClellan**
- ◆ **Both Reduce Military Value Of McClellan To 129th**

129th Rescue Group (RQG)



◆ Military Value Analysis

◆ COBRA Analysis

◆ Recommended Course of Action

129th Rescue Group (RQG)



Air Force COBRA Analysis / MILCON

- ◆ **Original Site Survey Estimated \$20M MILCON at McClellan**
- ◆ **Base Closure Executive Group Arbitrarily Eliminated Several Facilities:**
 - **Flying Squadron Operations:** **-\$6.4M** used existing bldgs
 - **Unit Supply Facility:** **-\$2.8M**
 - **Trade for Buildings 877/878:** **-\$1.4M**
- ◆ **Post – BRAC Survey Recently Completed (Not Released)**

129th Rescue Group (RQG)



Air Force COBRA Analysis / Reimbursement

- ◆ **Savings Of \$4.75M Annually Claimed For Move; However,**
- ◆ **Moffett Fully Reimburses Cost Of 129th RQG (i.e. Security, Fire, Crash Rescue, Air Traffic Control, Maintenance Services, etc.)**
- ◆ **Cost Differential Needs To Exceed \$8 Million To Generate Claimed Savings**

129th Rescue Group (RQG)



Air Force COBRA Analysis / Labor Costs

- ◆ **Basis For Savings – Elimination of 19 Jobs;
However,**
- ◆ **CANG Reimbursed For 59 Jobs By Moffett
Tenants**
- ◆ **40 Equivalent Positions At McClellan Will Not
Be Reimbursed – Labor Costs For 129th
Increase By \$2.2 Million**

*may include
state employees
which are NOT
in COBRA*

129th Rescue Group (RQG)



Air Force COBRA Analysis / McClellan Move Summary

Estimated MILCON	\$20.0 Million
Lost Reimbursed Personnel	\$2.2 Million/year
Other Lost Reimbursements	\$5.25 Million/year

129th Rescue Group (RQG)



◆ **Military Value Analysis**

◆ **COBRA Analysis**

◆ **Recommended Course of Action**

129th Rescue Group (RQG)



Recommended Course Of Action

- ◆ **Retain In Place**
- ◆ **National Guard Bureau Commitment**
- ◆ **Cost Impact**
- ◆ **Security Considerations / Contractor Needs**
- ◆ **Domino Effect**
- ◆ **Mission Expansion**
- ◆ **Commander- in -Chief's Preference**

129th Rescue Group (RQG)



Recommended Course Of Action

◆ **Retain In Place**

- **Save Operations / MILCON Costs**
- **Improve Military Value**
- **1993 Guard Bureau Long-Term Commitment To Moffett Complex**
- **1993 BRAC Commission Ordered Additional Reserve Aviation Assets to Moffett**

◆ **National Guard Bureau Commitment**

- **Guard Was Key Member of Concept Team**
- **Agreed To Become Anchor Tenant / MOU Commitment in 1993**
- **Shares In Costs**
- **Long-Term Tenancy**

129th Rescue Group (RQG)



Recommended Course Of Action

◆ **Cost Impact**

- **Accept GAO Recommendation To Include Cost Impact On Federal Agencies**
- **129th Movement Will Not Reduce Cost of Moffett Federal Airfield Operations to Federal Government**

◆ **Security Considerations / Contractor Needs**

- **Original Justification For 129th's Position As Anchor Was Need To Have Controlled Airfield To Support NASA Ames; Reserves (Army, Navy, Air Force); Lockheed; TRW; and Other National Security Contractors**
- **Secured / Controlled Airfield Is Still A Key Requirement**

129th Rescue Group (RQG)



Recommended Course Of Action

◆ **Domino Effect**

- **Loss of Controlled Airfield Will Impair Functioning of NASA Ames and Contractors**
- **Will Result In The Loss of High Tech Industrial Base Capacity**
- **Causes Unraveling of a National Asset**

◆ **Mission Expansion**

- **600 Acres Available For Expansion**
- **Area Available For 129th and Onizuka Air Station for Future Expanded Missions**
- **Economical Option For Both Units**

129th Rescue Group (RQG)

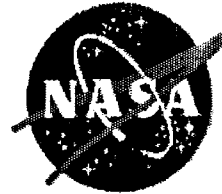
Recommended Course Of Action



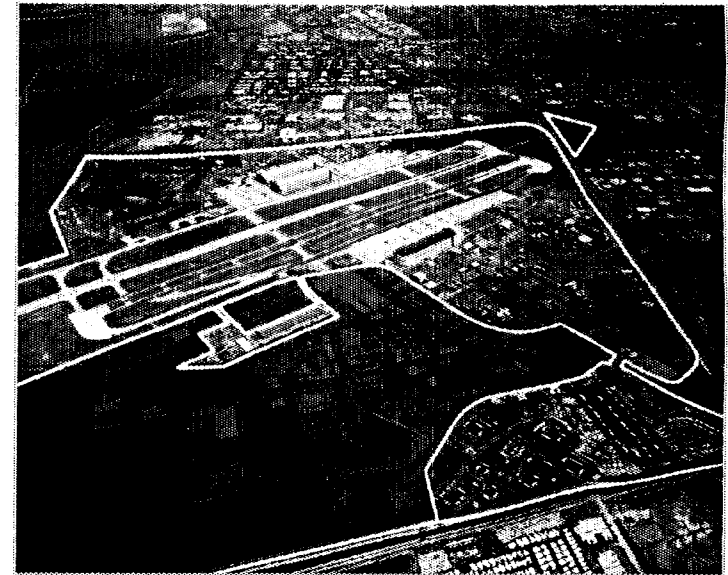
- ◆ **Commander– in –Chief’s Preference**
 - **As Commander– in –Chief of the CANG, Governor Supports Retention of 129th at Moffett**
 - **Supports Military Value Argument to Stay at Moffett**



Briefing Outline



- ◆ Introduction
- ◆ Moffett Field Complex
- ◆ Air Force Recommendations
- ◆ Onizuka Air Station
 - National Security
 - Military Value
 - COBRA Analysis
 - Alternative Proposal
- ◆ 129th Rescue Group (RQG)
 - Military Value
 - COBRA Analysis
 - National Security
- ◆ Summary and Conclusions



Summary

Onizuka Air Station (OAS)



- ◆ **National Security Considerations**
 - **Redundancy (Requirement for Dual Nodes)**
 - **Unique Capabilities**
 - **Available Capacity (Commercial Utilization)**



Summary



Onizuka Air Station (OAS)

- ◆ **Flawed Air Force BRAC Analysis**
 - **Single Node Is Not Strategically Prudent**
 - **Satellite Control Operations / Mission Capacity**
 - **Facilities Availability and Condition**
 - **Contingency, Mobility, and Deployment Requirements**
 - **Cost and Manpower Implications / Return on Investment**
 - **Community Consideration**
 - **Classified Mission Evaluation**
 - **Scored All Eight Criteria Equally**
 - **Secret Ballot Approach**
 - **Air Force Can't Have It Both Ways**

Summary

Onizuka Air Station (OAS)



◆ **Alternative Realignment Proposal**

- **Realign to Moffett Not Falcon AFB**
- **Maintains Dual Node Redundancy**
- **Continued Contractor Support**
- **Preserves Highly Skilled Workforce**
- **Leased Space Savings (\$400K–\$500K per year)**
- **MILCON Savings**
- **Savings On Movings Costs**



Summary

129th Rescue Group



- ◆ **Not a BRAC Issue**
 - **BRAC Law**
 - **ANG Action**
- ◆ **Flawed BRAC Analysis**
 - **No Military Value Audit Trail**
 - **Unknown Relocation Costs – Being Studied**
- ◆ **Other Considerations**
 - **Retain in Place: Overall Cost Savings**
 - **No Mission Degradation**

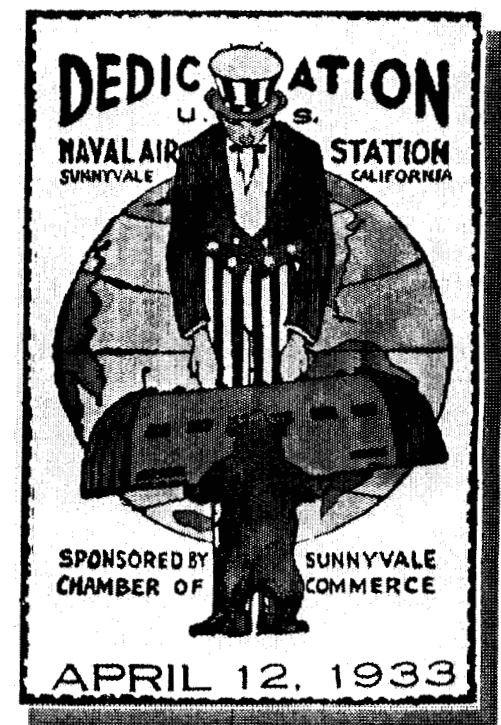
Recommendation



Retain 129th RQG at Moffett Federal Airfield

- ◆ **Realization of Cost Savings**
 - \$20 Million In Construction Cost At McClellan
 - \$2.2 Million A Year In Personnel Reimbursements
 - \$5.5 Million In Other Reimbursements
- ◆ **Mission Expandability**
- ◆ **Maintain Integrity of Moffett Complex**

Moffett Field Complex
Center of America's
Aerospace Industrial Base

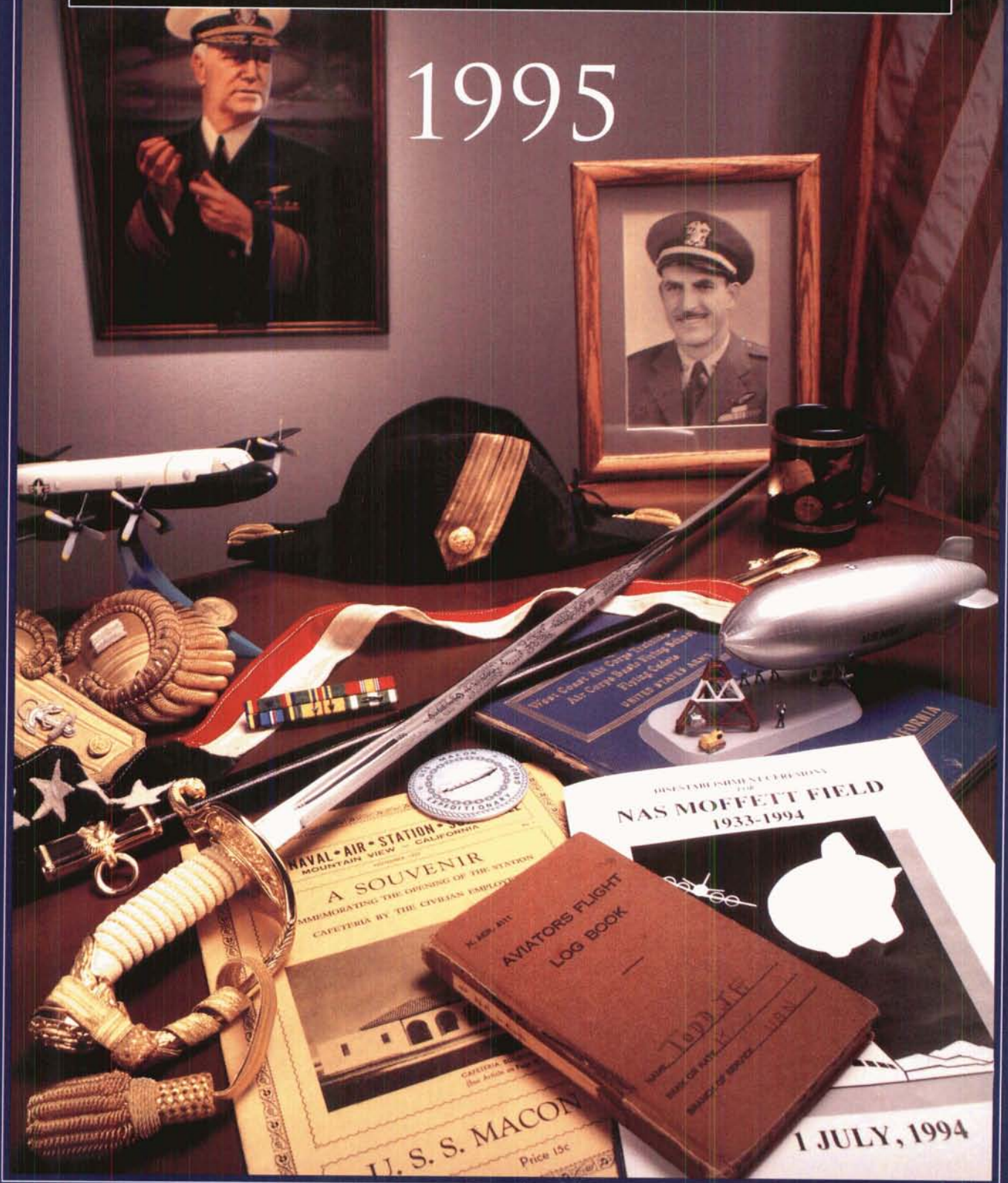


Document Separator

MOUNTAIN VIEW

CHAMBER OF COMMERCE DIRECTORY

1995



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From its very inception, Moffett Field has been closely allied with Mountain View. The community rallied to support its establishment and embraced its presence for 61 years. From dirigibles to jet aircraft, twice as a Naval Air Station and once as an Army base, Moffett Field and Mountain View share a history of friendship and growth. With the Navy's Disestablishment of Moffett Field in 1994, Mountain View begins a new era, establishing new partnerships in order to meet the challenges of the future. The rich history of Moffett Field is illustrated in our cover.

Cover Photograph: Bob Weaver, Weaver Photography.
Cover Design: Howell Hsiao, Cactus Design.
Artifacts courtesy of the Moffett Field Historical Society.



The information in this publication has been gathered and carefully compiled in such a way as to insure maximum accuracy. The Mountain View Chamber of Commerce and AnswerFile, Inc. cannot and do not guarantee the authenticity of all of the information furnished them, nor the complete absence thereof. Thus, no responsibility for omissions and errors can be, or is, assumed.



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MOFFETT FIELD - 61 YEARS OF TRADITION

Moffett Field has played an integral role as a center for innovation in aviation as well as being an important contributor to the nation's defense capabilities. Moffett has significantly added to the growth of many aviation and high-tech industries in the area, as well as employing thousands of people.

The original purpose of Moffett Field was to house the lighter-than-air craft, USS Macon. On April 21, 1933, the 785 foot long Macon, which could accommodate 100 people, sleeping quarters, mess room, galley, two observation platforms, and five Sparrowhawk fighter planes, lowered into its home in Hangar One. Moffett's ideal atmospheric conditions, terrain, proximity to other naval air bases and nearness to desired areas for patrol made it a perfect place for fostering the lighter-than-air craft program.

When the Macon went down in the waters off Point Sur on February 12, 1935, it marked the end of the Navy's need for Moffett Field. Eight months after the Macon, the base was traded to the War Department in exchange for the Army's North Island Field in San Diego. For the next five years, Moffett became the West Coast training center for the Army Air Corps.

After the attack on Pearl Harbor, pressures to begin the former lighter-than-air craft program returned and by 1942, six blimps were built and the base was renamed Naval Air Station, Moffett Field. With the onset of war, Moffett Field was transformed into the Naval Airship Training Command, responsible for teaching personnel how to operate blimps.

In late 1939, NASA (at that time called NACA, National Advisory Committee for Aeronautics) began building a \$10 million laboratory at Moffett Field. Today, NASA-Ames Research Center has 50 major facilities estimated at \$3 billion. It covers 430 acres and has 14 major wind tunnels, 18 advanced flight simulators, two supercomputers and 25 research aircraft.

The jet age arrived at Moffett in mid-1945 and by 1950, it became the largest Naval Air Transport base on the West Coast. In 1957, Moffett entered the supersonic age as it became a popular testing site and headquarters for new aircraft and jet operations, including the Navy's antisubmarine warfare patrol operations.

In an attempt to reduce the federal budget deficit, Moffett was in jeopardy of closure. In response, officials from local Chambers of Commerce, Silicon Valley aerospace research and development industries and local businesses strived to retain the airfield as a federal joint-use facility under the control of NASA-Ames Research Center. Today, Moffett bears the name, Moffett Federal Airfield. The facility continues in operation as an air field for the Department of Defense flight operations, NASA flight test facility and shipping point for federal agencies.

Photo courtesy Moffett Field Historical Society



CHAMBER MISSION

The Mountain View Chamber of Commerce is a business organization working for the mutual benefit of its members and the community by enhancing an environment in which business can succeed. This action will be accomplished through progressive leadership in the areas of business assistance, educational partnerships, legislative advocacy, economic development, and professional networking.

A nonprofit organization, the Chamber serves as the collective voice of local businesses and industry, and is funded by its membership of over 650 businesses. Membership represents businesses of all sizes and industries. The Chamber provides programs for marketing businesses, forums to inform industry of legislation and regulations, involvement on a variety of committees, information for start-up businesses, and special events which afford the business community opportunities to network.

CHAMBER STAFF



Don Roper Photography

Chamber Staff: (Back row, left to right), Joyce Thau, Deborah Brookfield & Liana Kishi.
(Front row, left to right), Debbie Villa, Liesa Fulton & Cara Young.
(Not pictured), Tina Wagner.

- Liesa Fulton Executive Director
- Cara Young Program Manager
- Deborah Brookfield Membership Administrator
- Debbie Villa Membership Program Coordinator
- Joyce Thau Membership Sales Director
- Tina Wagner LMV Program Director
- Liana Kishi Public Information Officer

Mountain View is an Accredited Chamber

The U.S. Chamber of Commerce awarded the Mountain View Chamber of Commerce accreditation for its effective marshaling and organization of community's voluntary business leadership; for its objective evaluation of needs and the responsible planning necessary to community betterment in all its many phases and; for its productive and continuing action to promote and strengthen the principles of free enterprises and community self-reliance. Approximately 500 chambers across America are accredited.





CHAMBER EDUCATION FOUNDATION

The Chamber's Education Foundation trains and educates the leaders of tomorrow.

SHADOWING

Shadowing is a program of the Mountain View Chamber of Commerce that places students from the Mountain View area middle and high schools into business and service organizations for a day.

The program allows students a chance to observe the daily routine in local business and an opportunity to explore various career options prior to high school graduation. It also demonstrates to students the important connection between staying in school and securing a job.



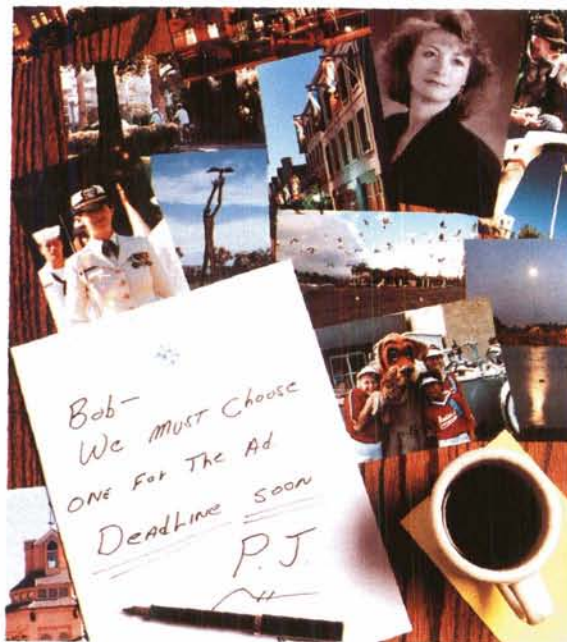
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LEADERSHIP MOUNTAIN VIEW

Leadership Mountain View is an adult education program designed to give the participants a broad background in community management and services. Class sessions are held one full day per month for nine months and cover such topics as history, government, economic development, transportation, housing, the physical environment, health, human services, education, public safety, art and recreation. In addition, participants receive training in various leadership skills – skills that will help them when effecting changes and enhancing community life.

Through the program, the participants meet elected officials, government officials and community leaders. In addition, many relationships are formed with fellow participants, as well as alumni of the program. This network of contacts becomes an important tool as the participants assume leadership roles in their community.

For additional information, contact the Mountain View Chamber of Commerce.



MOUNTAIN VIEW - THE COMMUNITY

Mountain View is one of the most dynamic communities in California. Large numbers of companies contribute to a sound local and regional economy.

The heart of downtown is Mountain View's revitalized Castro Street where restaurants serve cuisine from many cultures and where the Mountain View Center for the Performing Arts offers entertainment to mirror the cultural tastes of Mountain View's diverse community.

There are three other major retail areas to add to the many shops and services Mountain View has to offer, Blossom Valley Shopping Center, San Antonio Shopping Center and Price-Costco.

The city's population of 71,026 swells to a daytime total of 100,000 as modern transportation systems bring Bay Area residents to job sites in technology, scientific research and service enterprises. Yet, Mountain View remains a neighborhood, a place where newcomers put down roots and commit themselves to shaping a hometown with contemporary life-styles and traditional values.

Blessed by nature with an excellent climate, Mountain View's fine educational and recreational opportunities and strong cultural advantages continue to attract new families to the community and new jobs and business opportunities to its commercial districts.

The *San Francisco Chronicle* looked at this community between the mountains and the Bay and ranked Mountain View among the top "Most Livable Cities in the Bay Area".



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NORTH BAYSHORE


Mountain View's North Bayshore area provides a premier location for public and private uses. The area combines R&D and office campuses with over 700 acres of public open space and recreation areas. Located adjacent to the NASA-Ames Research Center, the area has attracted many of the finest high technology companies in Silicon Valley.

Most business is within easy walking distance of Shoreline at Mountain View, a 660 acre open space that combines wildlife habitat with good public access for enjoyment of bayside recreation - biking, windsurfing, kite flying and nature walks. Shoreline also offers a Robert Trent Jones golf course that includes a new clubhouse and restaurant, the 20,000 seat Shoreline Amphitheatre by Bill Graham Presents, which books internationally known entertainers plus a 16-screen movie theater complex.

Recent plans include the addition of over 50 acres of new public parks and the potential of a cultural/education facility.



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HOUSING



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The City of Mountain View has a diverse population and a wide range of housing types and price ranges to accommodate the various needs of residents and prospective residents. The City is committed to continue working to ensure that there is decent, safe and affordable housing for all residents.

There are 31,487 housing units in the City of Mountain View; 36 percent are owner occupied, 60 percent are renter occupied and 5 percent are vacant. This contrasts to the majority of other cities in the County where owner occupied units exceed rental units.

The City has a variety of housing types; 45 percent are apartments, 30 percent are single family detached homes, 16 percent are townhouses or condominiums, 5 percent are duplexes and 4 percent are mobile homes.

Mountain View also has a good distribution of housing of various sizes; 6 percent of the housing stock consists of studios, 12 percent are one bedroom units, 44 percent have two to three bedrooms, 29 percent have four to five bedrooms and 10 percent have more than five bedrooms.

Rentals for studios, one and two bedroom apartments and duplexes range from \$500 to \$1500 per month. Rentals for two and three bedroom houses range from \$900 to \$2500 per month. The average residential sales price of single family homes was \$394,971 and of townhouses and condominiums was \$214,368 (3rd Quarter 1994). The median residential sales price of single family homes was \$360,000 and of townhouses and condominiums was \$201,250 (3rd Quarter 1994). There are 6 mobile home parks (2 family, 4 senior) in the community area.

The largest segment of owner occupied housing (24 percent) is owned by householders between 35-44 years of age. On the other hand, younger householders between the ages of 25-34 comprise the largest segment (42 percent) of renter occupied housing.

The housing stock is relatively new and in good condition. Ninety-seven percent of the housing stock was built since 1940 and the majority of the housing (64 percent) is between 25 to 40 years of age.



PARKS AND RECREATION

Mountain View residents have a wealth of recreational and leisure activities available at the many city facilities and parks. Tennis, swimming, hiking, biking, jogging, as well as many other sports are offered. For reservations or more information about any of these facilities, call the Community Service Department, Recreation Division (415) 903-6332.

Bubb School Park

Barbara & Montalvo Streets

Children's play area, soccer field, horse-shoe area, tot equipment and blacktop area.

Castro School Neighborhood Park

505 Escuela Avenue

Open field, children's play area, tot equipment, and blacktop area.

Community Center

201 S. Rengstorff

Auditorium, meeting room, multi-purpose room, softball field, swimming pool, tennis courts, tot-lots, BBQ facilities and special activities.

Cooper Park

500 Chesley Avenue

Basketball court, children's play area, soccer field, softball field, tennis courts and tot equipment.

Crittenden School Park

1701 Rock Street

Children's play area, soccer field, softball field, tot equipment and blacktop area.

Cuesta Park

685 Cuesta Avenue

BBQ facilities, children's play area, horseshoe, passive and picnic areas, tennis courts, tot equipment, outdoor volleyball court and bocci ball courts.

Deer Hollow Farm

Los Altos Hills at Rancho San Antonio.

Open Space Preserve. A working home-stead and educational center.

Eagle Park

Church Street & Shoreline Boulevard

Swim center, children's play area, picnic area and tot-lot equipment.

Fairmont Park

Fairmont & Bush Streets

Children's play area, tot equipment and one picnic table.

Gemello Park

Marich Way & Solana Court

Children's play area, sand pit and picnic area.

Graham Middle School

1175 Castro Street

Baseball field, children's play area, football/soccer field, softball field and black-top area.

Jackson Park

Shoreline Boulevard & Jackson Street

Children's play area, tot-lot equipment, and picnic area.

Klein Park

Ortega & California Streets

Basketball court (half court), children's play area, tot-lot and picnic area.

Landels School Park

115 Dana Street

Children's play area, softball and soccer fields, picnic area, tot equipment and blacktop area.

McKelvey Park

Miramonte Avenue & Park Way

Lighted ball fields.

Monta Loma School Park

460 Thompson Avenue

Baseball field, children's play area, picnic area, tot equipment and blacktop area.

Mountain View High School

Truman & Bryant Streets

Baseball field, basketball courts, foot-ball/soccer fields, tennis courts and outdoor volleyball courts.

Mountain View Sports Pavilion

1185 Castro Street

Volleyball and Basketball courts, and Dance room for rent.

Pioneer Memorial Park

Castro & Church Streets

Passive area.

Rengstorff Park

Rengstorff Avenue & Crisanto Drive

Auditorium, BBQ facilities, children's play area, swimming pool, lighted tennis courts, handball court, tot equipment, outdoor volleyball court and special activities.

Rex Manor Park

Farley & Bonny Streets





MOUNTAIN VIEW LIBRARY

One of the busiest City facilities, visited by more than 1500 people daily at 585 Franklin Street, the library offers a variety of services and programs for residents, businesses and their employees. On-line access via modem from home or office allows searching the holdings of more than 220,000 volumes including books, magazines, newspapers, videos, books on tape and compact discs. Convenient telephone reference service and renewals by phone serve both leisure and information needs of busy customers.

Year round programs and a strong summer reading program are offered by Children's Services.

Outreach to those unable to come to the Library is provided by a high-tech bookmobile, a special volunteer service offering delivery to the homebound and a 24-hour-a-day Dial-a-Story line. For more information about Library services, call 903-6887.

A new Library building has been approved for the current site. The new building will provide a state of the art facility with adequate space for collections, customers and parking. Design begins in the Fall of 1994 and construction should be complete in 1998.



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EDUCATION

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360 S. Shoreline Boulevard 967-2324
John Richard Hamilton, Principal
Saint Joseph School
1120 Miramonte Avenue 967-1839
Kay Ingalls, Principal
Southbay Christian School
1134 Miramonte Avenue 961-5794
Susan Torode, Principal
Saint Francis High School
1885 Miramonte Avenue 968-1213
James Bowler, Principal
The Waldorf School of the Peninsula
401 Rosita Avenue
Los Altos 948-8433
Deirdre Johnson, Faculty Chairperson

KINDERGARTEN/PRE-SCHOOL

Primary Plus
333 Eunice Avenue 967-3780
Western Montessori Day School
323 Moorpark Way 961-4131
Training Center 967-6695
Kathleen Hammer, Principal

MUSIC/ART SCHOOL

Community School of Music and Arts
253 Martens Avenue 961-0342

COMMUNITY SCHOOL OF MUSIC AND ARTS

Since its founding in Mountain View in 1968, the Community School of Music and Arts (CSMA) has grown to become the largest nonprofit arts education organization in Santa Clara County. Yearly the school's faculty of more than 75 professional musicians and art educators serves thousands of children and adults. CSMA offers private lessons and classes at its campus; in-school (Arts in Action, Music in Action) and after-school programs (ArtKids) at local public and private schools; concerts and community outreach events. CSMA is a member of the National Guild of Community Schools of the Arts. The school's programs are made possible by the support of the City of Mountain View, the Arts Council of Santa Clara County, the CA Arts Council, the Luke B. Hancock Foundation, the David and Lucile Packard Foundation, the John S. & James L. Knight Foundation, a major grant from the Lila Wallace-Reader's Digest Fund, and donations from foundations, corporations and individuals.



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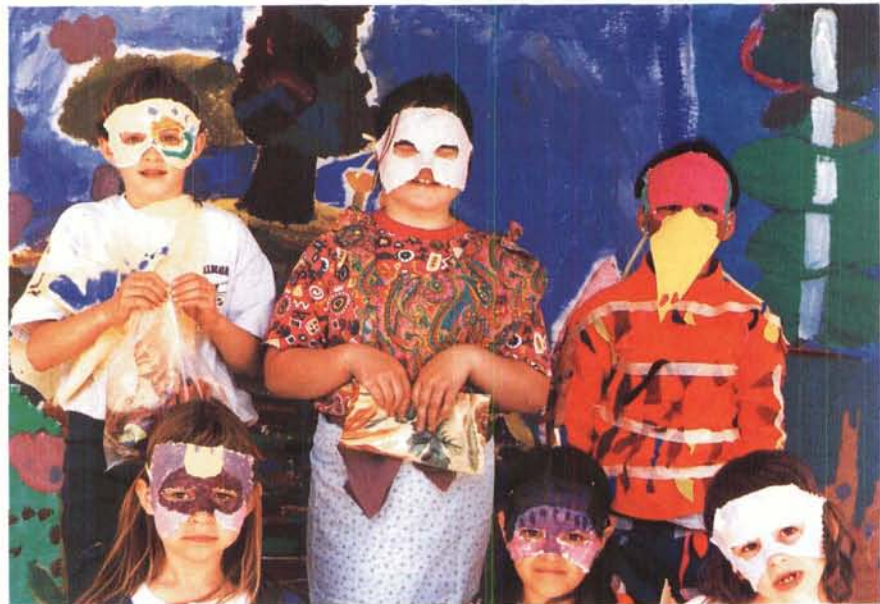


Photo courtesy Community School of Music and Arts





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ArtKids Classes in Drawing, Painting, Ceramics,
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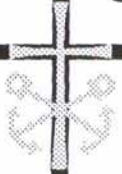
253 Martens Avenue • Mountain View, CA 94040 • 415/961-0342 • FAX 415/961-1750



EDUCATION

SAINT FRANCIS HIGH SCHOOL


Saint Francis High School is a Catholic co-educational high school which unites students of diverse backgrounds within its community. Founded in 1954 by the Brothers of Holy Cross, Saint Francis is a college preparatory school which assists its students in developing spiritually, intellectually and socially. The comprehensive school program challenges students to become critical and creative thinkers, problem solvers and decision makers and promotes self knowledge and understanding of others. Academic challenge, athletic excellence and service to the community are exemplified at Saint Francis High School.

	<h1>SAINT FRANCIS HIGH SCHOOL</h1>	<i>a</i>
	<p>A Catholic coeducation high school set in the Holy Cross Tradition, uniting spiritual, intellectual and social development</p>	<p><i>spirit that must be experienced!</i></p>
<p>1885 Miramonte Avenue Mountain View, CA 94040 (415) 968-1213</p>		

MOUNTAIN VIEW ACADEMY

Mountain View Academy is a private Christian High School with students from many different denominations. It is a co-educational day academy, for students from the South Bay, based on quality Christian education, a value-based curriculum, with a disciplined environment.

The primary curriculum is college preparatory with general classes for the non-college bound student. The school is accredited by WASC and was founded in 1922 for the purpose of educating students for service to humanity.

	<h1>MOUNTAIN VIEW ACADEMY</h1>	
	<p>A Seventh-day Adventist High School</p>	
<p>Grades 9-12 • Accredited - WASC</p>		
<p>Applications Accepted From All Denominations</p>		
<p>360 South Shoreline Boulevard • Mountain View, CA 94041 (415) 967-2324 • (408) 739-4720</p>		



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ECONOMIC GROWTH AND PROFILE

Mountain View is a unique community 10 miles north of San Jose and 34 miles south of San Francisco, located in the heart of the Silicon Valley. With a good balance of High Tech industry, housing, good retail areas and professional services, Mountain View has much to offer those who work and live here. Mountain View is also known for its excellent educational opportunities, including nearby colleges and universities, as well as outstanding recreational and cultural programs.

CLIMATE:

Average Temperature				Rain	Humidity	
Period	Min	Mean	Max	Inches	High	Low
Jan.	41	48.7	57	2.61	82	64
Apr.	47	56.2	66	.90	79	54
Jul.	56	65.0	74	.03	83	60
Oct.	52	61.5	71	.69	79	53
Year	49	57.9	67	12.80	81	58

ECONOMIC GROWTH & TRENDS :

	1970	1980	1990	1994
County Population	1,064,714	1,295,071	1,463,500	1,550,600
County Taxable Retail Sales	2,165,808	8,593,537	11,668,636	<i>Not available</i>
City Population	51,092	58,655	67,460	71,000
City Taxable Retail Sales	183,768	565,770	550,883	1,200,000*
City Occupied Dwellings	20,770	28,576	30,638	30,500
School Enrollment-GR K-8	4,603	2,520	4,338	<i>Not available</i>

* 2nd Quarter

TRANSPORTATION:

- Rail: CalTrain and Amtrak. Future terminals for light rail from San Jose.
- Truck: Daily delivery by 75 truck carriers with regional connections. Overnight delivery to Los Angeles, Reno and Oregon.
- Air: All major airlines and most supplemental airlines from San Francisco (25 miles) and San Jose (15 miles) Airports.
- Bus: Greyhound, Santa Clara County Transit.
- Water: Deep water port of Redwood City, (10 miles north).
- Highways: U.S.101, State 82, State 237, State 85 and State 280.

COMMUNITY FACILITIES:

- Health: El Camino Hospital is a modern 426 bed hospital serving a regional population of 200,000. The non-profit facility serves patients under the care of their own personal physician. The Kaiser Permanente Medical Office on Castro Street serves 50,000 Kaiser members in the surrounding area with its outpatient primary health care service and urgent care clinic.
- Education: 7 elementary schools, 2 middle schools, 4 high schools, 2 community colleges and 3 colleges / universities.
- Cultural/ Recreational: Mountain View Center for the Performing Arts, Shoreline Amphitheatre, Mountain View Sports Pavilion, Whisman Sports Center, YMCA, 20 parks/playgrounds, 1 movie theatre complex, community public access TV station, 1 library and 33 churches. Other recreational facilities include: tennis courts, municipal pools, an archery range, shuffle board courts, a sailing lake, an 18 hole golf course, and Clubhouse.



MEDICAL

EL CAMINO SURGERY CENTER

Today, new procedures mean a shorter hospital stay for many kinds of surgery. Specially trained physicians at El Camino Surgery Center are dramatically changing the way surgery is done.

El Camino surgeons and gynecologists using lasers, scopes and other advanced equipment have helped hundreds of patients spend less time in the hospital, and less time recovering at home.

Many operations can now be done at El Camino Surgery Center – from gallbladder surgery to mastectomies, hysterectomies, knee and shoulder repair, cataract removal, dental surgery, and even removal of ovarian cysts and hernia repair.

Best of all – these kinds of operations now require just a few stitches and leave almost no scars to see.

For surgery or a second opinion, discuss your options with an El Camino Doctor. El Camino Surgery Center gets you home fast and well. For more information, call (415) 988-7565.

KAISER PERMANENTE SANTA CLARA MEDICAL CENTER

The Kaiser Permanente Santa Clara Medical Center provides comprehensive health care services on a pre-paid basis to more than 264,000 Health Plan members in Santa Clara County. The medical center offers a 337-bed hospital and medical offices at 900 Kiely Blvd., Santa Clara, plus primary care medical offices in Mountain View and Milpitas.

In addition to primary care services, the Santa Clara Medical Center has a 14-bed emergency room, adult and pediatric intensive and progressive care unit, a coronary care unit, a magnetic resonance imaging



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Mountain View Health Care Center is an independently owned and operated 130 bed single floor facility with enclosed patios and gardens. In addition to skilled nursing service, the center has a 32 bed Alzheimer unit. The Hospital's location, next to El Camino Hospital and medical offices, allows for easy physician access. For more information call (415) 961-6161.

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Terry M. Gilliland, M.D.
General Surgery

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Internal Medicine

415/961-6600

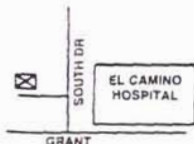
125 South Drive Mountain View

ogy, Oncology, Infectious Diseases and Gastroenterology services are offered. The physicians are members of the El Camino Hospital Staff and most hold appointments with the Stanford University School of Medicine. Recently, three of the physicians were named in FOCUS as the primary referral for their specialty.



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Jill's Allstate office is a one-stop insurance agency offering auto, homeowners, business, life, boat insurance, etc. As a small business owner herself, Jill understands the struggles of small businesses and appreciates the benefits of a good, solid insurance planning. She specializes in the creative use of life insurance to reward owners/key employees, for business continuation, for buy-sell agreements, estate planning, etc. Jill's MBA degree has sharpened her analytical skills

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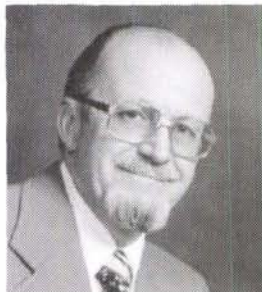
Dr. Christopher Lehner
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Dr. Lehner is dedicated to finding the cause of his patient's physical problems. Headaches, pain, numbness or muscle spasms is the body's way of telling you that something is wrong. Chiropractic works with your body so that it can heal itself. Dr. Lehner has been in practice ten years in Mountain View. He is a Director for the California Chiropractic Association and has served on the Board of Directors for the Chamber of Commerce. Free educational workshops are offered monthly. Call for more information.

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 147 Castro Street • Mountain View, CA 94041
 415/962-0909

Roy Minor
 Graphic Arts Consultant



Roy has been in Graphic Arts on the Peninsula since 1952, working with companies such as Visa, U.S.A.; Hewlett-Packard; Apple Computer, Inc.; and Robbins Scientific Corp., to name but a few. His specialty is computer-generated publications, manuals, programs, catalogs, ads for print media and other

related services. Roy is active in serving Mountain View through his association with City of Mountain View Visual Arts Committee, and Friends of the Mountain View Center.

Roy Minor
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Takao Nishiura
Architect



A California native, Takao Nishiura graduated from Mountain View High School in June of 1949. He attended San Jose State University, in Pre-Architecture in 1950. His Bachelor of Architecture degree is from the University of California at Berkeley. Takao is looking for residential and commercial projects. He brings years of experience and knowledge to his projects. In addition to his expert education and experience, Takao "TAK" Nishiura is a member of American Institute of Architects, International Congress of Building Officials, Japanese American Citizens League, Tri-City Association and the Mountain View Chamber of Commerce.

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Nancy Ann Gee
Attorney at Law

A downtown Mountain View attorney, Ms. Gee practices in the areas of real estate, business, wills, estate planning and probate. She emphasizes "preventive law" seeking to help her clients understand and protect their rights and obligations to avoid future disputes and lawsuits. Nancy Gee is past president of Mountain View Chamber of Commerce and received the first annual Women in Business Athena Award, given in recognition of her business accomplishments, community services and support of the goals and efforts of professional women.



Nancy Ann Gee, Attorney at Law
774 West Dana Street • Mountain View, CA 94042
415/965-2555

Reg Young
Travel Agent



Reg, owner/operator of UNIGLOBE Embassy Travel, is originally from Hawaii. He attended Weber State College in Ogden, UT, and became a Respiratory Care Practitioner, working locally in that field at Stanford University, and Santa Clara, Medical Center. Nearly three years ago Reg made a move to the travel industry. His agency offers full travel services, to the corporate business and private individual.

From local needs such as: car rentals, hotel accommodations, rail tickets, tours and mini getaways vacations, to long distance travel, cruises and vacation packages. Reg is active in the local Mountain View community and is currently serving on the Board of Directors of the Mountain View Chamber of Commerce, is co-chair for the B.B.N. and a star Ambassador.

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 Mountain View, CA 94042 415/969-6736

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 Mountain View, CA 94041 415/968-7900

John Miller, AIA
 196 Castro Street
 Mountain View, CA 94041 415/967-9584

Takao Nishiura Architect
 884 San Rafael Avenue
 Mountain View, CA 94043 415/988-1169
See advertisement on page 28

Studios Architecture
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 San Francisco, CA 94111 415/398-7575

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 570 Bush Street
 Mountain View, CA 94041 415/961-1926

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Community School of Music & Arts
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1931-R Old Middlefield Way
Mountain View, CA 94043 415/694-7877

Larry's AutoWorks
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Mountain View, CA 94043 415/967-0800
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Modderman Automotive Service
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Mountain View Shell
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Mountain View, CA 94040 415/964-0213
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Parker Automotive
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Mountain View, CA 94040 415/941-0342

Warren McCord Motorsports
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Mountain View, CA 94043 415/961-4935
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BAGELS

The Better Bagel
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See advertisement on page 64

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Mountain View, CA 94040415/941-1536
See advertisement on page 37

Walther's Tile & Floor Covering Co., Inc.
Abbey Carpets
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Mountain View Chamber of Commerce
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Chiropractic Care Center
147 Castro Street
Mountain View, CA 94040415/962-0909
See advertisement on page 30

Cornerstone Chiropractic Clinic
160 E. El Camino Real #C
Mountain View, CA 94040415/961-8883

Los Altos-Mountain View Chiropractic
1702 Miramonte Avenue
Mountain View, CA 94040415/969-0470

Watson Chiropractic Office
2425 California Street
Mountain View, CA 94040415/969-1032

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Computown
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Micrographic Technology
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Mountain View, CA 94043 415/965-3700

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See advertisement on page 13

DataCom Systems, Inc.
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News Technology
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Mountain View, CA 94041 415/965-7722

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Shany, Inc.
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Mountain View, CA 94043 415/694-7410

Synopsis
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NetWorkForce
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Mountain View, CA 94041 415/965-2235

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Mountain View, CA 94040 415/948-9186

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471 Castro Street
Mountain View, CA 94041415/965-0580
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Mountain View, CA 94040415/964-1300

Grayson Dental
74 W. El Camino Real
Mountain View, CA 94041415/988-9458

Carl Riccoboni, DDS
2500 Hospital Drive #6
Mountain View, CA 94040415/968-3343

Sunnyvale Town Center Dental
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Sunnyvale, CA 94086408/736-0888

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Sears, Roebuck & Company
455 San Antonio Road
Mountain View, CA 94040415/948-8511

DESKTOP PUBLISHING/SERVICE BUREAUS

Alphagraphics
444 Castro Street #110
Mountain View, CA 94041415/962-8083
See advertisement on page 52

Express Printing & Graphics
2280 Wyandotte Street #B
Mountain View, CA 94043415/967-6222
See advertisement on page 52

GT Interlink
104 Paul Avenue
Mountain View, CA 94041415/964-2537

Gary Walton Graphics, Inc.
229 Polaris Avenue #8
Mountain View, CA 94043415/961-0778

Linotext
161 Homer Avenue
Palo Alto, CA 94301415/325-6629
See advertisement on page 41

Mandella Talent Annex
3170 De La Cruz Boulevard #106
Santa Clara, CA 95054408/727-3473
See advertisement on this page

Diadema M. Barrientos D.M.D.

General Dentistry

Beautiful Smiles are Our Product

Family Preventive Dentistry Bi-Lingual Staff

Open Monday - Saturday



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471 Castro Street Mountain View, CA 94041

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left on De La Cruz

Celebrating **5** Years of Excellence
Serving the Santa Clara Valley

Golden Bay Federal Credit Union-NASA Ames Branch

Lobby Building 204
NASA/Ames Research Center415/969-1060
See advertisement on page 39

Golden Bay Federal Credit Union-San Jose Branch

280 S. First Street #110
San Jose, CA 95113408/971-0800
See advertisement on page 39

Golden Bay Federal Credit Union-Loan Center

1185 Bordeaux Drive #C
Sunnyvale, CA 94089408/734-1222
See advertisement on page 39

CRUISE AGENCIES

Cruise OdySea of Mountain View
1690 California Street
Mountain View, CA 94041415/969-4007

DANCE APPAREL/SUPPLIES

Dance Attire
1350 Grant Road #5
Mountain View, CA 94040415/965-4282

DANCE INSTRUCTIONS

Dance Attack!
1350 Grant Road #5
Mountain View, CA 94040415/965-3310

*Providing total defense systems solutions
in Mountain View since 1953*

GTE Government Systems Corporation
100 Ferguson Drive
Mountain View, California 94043
(415) 966-2000



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Metrotech Corporation
670 National Avenue
Mountain View, CA 94043 415/940-4900

NEC Electronics Inc.
401 Ellis Street
Mountain View, CA 94039 415/960-6000
See advertisement on page 14

**ELECTRONIC EQUIPMENT-
SUPPLIES/REPAIR**

Electronic Services
740 Sierra Vista Avenue #E
Mountain View, CA 94043 415/964-0200

ELECTRONIC EQUIPMENT-WHSLE

Test Lab Company
1066 Linda Vista
Mountain View, CA 94043 415/969-1142

Tokyo Electron America, Inc.
20300 Stevens Creek Boulevard #380
Cupertino, CA 95014 408/257-5050

ELECTRONIC-MARKETING & SALES

Nimic, Inc.
650 Castro Street #220
Mountain View, CA 94041 415/691-0602

EMBOSSING & FOIL STAMPING

V.H. Simon Printing Inc.
2276 Mora Drive
Mountain View, CA 94040 415/965-7170
See advertisement on page 52

EMPLOYMENT AGENCIES

Adia
650 Castro Street #106
Mountain View, CA 94041 415/967-3778
See advertisement on this page

Hallmark Personnel
459 Hamilton Avenue #201
Palo Alto, CA 94301 415/325-1133

Kelly Services
2470 El Camino Real #102
Palo Alto, CA 94306 415/513-5003

Manpower, Inc.
1931 W. El Camino Real
Mountain View, CA 94040 415/964-7700

**EMPLOYMENT AGENCIES-
TECHNICAL**

OPTION ONE Personnel & Technical Services
4600 El Camino Real #214
Los Altos, CA 94022 415/941-5115

**EMPLOYMENT AGENCIES-
TEMPORARY**

Adia
650 Castro Street #106
Mountain View, CA 94041 415/967-3778
See advertisement on this page

Apple One Temporary Services Ltd.
4655 Old Ironside Drive #190
Santa Clara, CA 95054 415/322-2700

OPTION ONE Personnel & Technical Services
4600 El Camino Real #214
Los Altos, CA 94022 415/941-5115

ENGINEERING CONSULTANTS

Elliott Associated Laboratories
897 Independence Avenue #3-A
Mountain View, CA 94043 415/967-4166

ENGINEERS-CIVIL

Structural Design Associates
883 N. Shoreline Boulevard #B-220
Mountain View, CA 94043 415/940-1925

ENGRAVING

Quality Engraving & Award Co.
341 Castro Street #C
Mountain View, CA 94041 415/965-8000

ENTERTAINMENT

Magic Edge Center
1625 N. Shoreline Boulevard
Mountain View, CA 94043 415/254-7325

Ogden Entertainment Services
One Amphitheatre Parkway
Mountain View, CA 94043 415/967-4911

Shoreline Amphitheatre
One Amphitheatre Parkway
Mountain View, CA 94043 415/962-1000
See advertisement on page 12

String of Pearls Dance Band
Palo Alto, CA 94043 415/328-PRLS

**ENVIRONMENTAL SERVICES/
ENGINEERING**

Acurex Environment Corporation
P.O. Box 7044
Mountain View, CA 94039 415/961-5700

Catalytica
430 Ferguson Building 3
Mountain View, CA 94043 415/960-3000
See advertisement on page 13

**EXECUTIVE SUITES-DOMESTIC &
INTERNATIONAL**

Emerging Technology Group
1121 San Antonio Road #B-100
Palo Alto, CA 94302 415/964-5000

Global Home Offices
800 W. El Camino Real #180
Mountain View, CA 94040 415/962-0888

EXPORTERS

Intetra
2629 Terminal Boulevard
Mountain View, CA 94043 415/967-8818

FABRIC SHOPS

Exotic Silks
1959-B Leghorn Street
Mountain View, CA 94043 415/965-7760

The Quilting Bee
357 Castro Street
Mountain View, CA 94041 415/969-1714

FOOTHILL DISPOSAL Co.



People • Service • Environment

RUBBISH HAULING
RESIDENTIAL - COMMERCIAL - INDUSTRIAL
Serving Mountain View for over 41 years

RECYCLING BUY BACK CENTER
Hours 9:00am - 3:00pm, Tuesday - Saturday
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935 Terra Bella Avenue • Mountain View, CA 94043
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MARTIN "JIM" SPANGLER
MARTIN J. SPANGLER JR.
MARTIN J. SPANGLER (1904-1977)

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799 Castro Street

415-967-5546



Franciscan

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One Stop, Complete Commercial & Residential Glass & Screen Service
FAST FRIENDLY SERVICE - FREE ESTIMATES

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PLATE GLASS
INSULATED GLASS
SAFETY GLASS

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ENCLOSURES
PATIO DOORS
WINDOWS

WINDOW SCREENS
MIRRORS
TABLE TOPS
STAINED GLASS & SUPPLIES

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Serving the area for over 30 years

100 SAN ANTONIO CIRCLE • MOUNTAIN VIEW, CA • 94040-1295

El Paso Cafe
1407 El Camino Real
Mountain View, CA 94040415/961-8858

La Fiesta Restaurant
240 Villa Street
Mountain View, CA 94041415/968-1364
See advertisement on page 65

Szechuan Garden Restaurant
124 Castro Street
Mountain View, CA 94041415/969-5614

FRUITS & VEGETABLES-RETAIL

New Castro Market
340 Castro Street
Mountain View, CA 94041415/962-8899
See advertisement on page 46

FUNERAL DIRECTORS

Spangler Mortuaries
799 Castro Street
Mountain View, CA 94041415/967-5546
See advertisement on this page

FURNACES

Technical Services Heating & Air Conditioning
400-A Ortega Avenue
Mountain View, CA 94040415/961-7226
See advertisement on page 46

FURNITURE-CUSTOM

The Walrus Works Wood
2235 Old Middlefield Way #C
Mountain View, CA 94043415/940-1593

FURNITURE DEALERS

Carriage House-Ethan Allen Gallery
861 E. El Camino Real
Mountain View, CA 94040415/967-3059

China Furniture, Inc.
369 Castro Street
Mountain View, CA 94041415/968-8688

Cort Furniture Rental
2065 El Camino Real
Mountain View, CA 94040415/966-1758

Eurodesign, Ltd.
2674 W. El Camino Real
Mountain View, CA 94040415/941-7761

John Wirth Company
1049 Terra Bella Avenue
Mountain View, CA 94043415/967-1212

FURNITURE-RENTAL/LEASING

Evans Rents Furniture
4970 El Camino Real
Los Altos, CA 94022415/694-4804

GARBAGE COMPANIES

Foothill Disposal Co.
935 Terra Bella Avenue
Mountain View, CA 94043415/967-3034
See advertisement on this page

GAS PRODUCTS-INDUSTRIAL & SPECIALTY

Air Products & Chemicals, Inc.
465 N. Whisman Road
Mountain View, CA 94043415/961-4560
See advertisement on page 45

Madco Welding Supply, Inc.
1988 Old Middlefield Way
Mountain View, CA 94043415/969-2323
See advertisement on page 57

GEOLOGISTS

Jo Crosby & Associates
P.O. Box 4220
Mountain View, CA 94040415/969-3268

GLASS-AUTOMOTIVE/PLATE/ STAINLESS/ETC.

Bay View Glass & Mirror Co.
1957 Old Middlefield Way #B
Mountain View, CA 94043415/390-9630
See advertisement on page 45

Franciscan Glass Company
100 San Antonio Circle
Mountain View, CA 94041415/948-6666
See advertisement on this page

GOLF DRIVING RANGES

Pin High Golf Center
4701 N. 1st Street
Alviso, CA 95002408/934-1111
See advertisement on page 45

GOVERNMENT OFFICES

Senator Alfred Alquist
100 Paseo de San Antonio #209
San Jose, CA 95113408/286-8318

New Castro Market

LIVE SEAFOOD

Crab • Lobster • Fish • Clam

FRESH

Sashimi Fish • Meat
Produce • Groceries

340 Castro Street
Mountain View, CA 94041
(415) 962-8899

OPEN 7 DAYS A WEEK



Mountain View Healthcare Center

2530 Solace Place
Mountain View, CA 94040 415/961-6161
See advertisement on page 26

HOTELS/MOTELS

Best Western Inn
93 El Camino Real
Mountain View, CA 94040 415/967-6957

Best Western Mountain View Inn
2300 El Camino Real
Mountain View, CA 94040 415/962-9912

Best Western - Tropicana Lodge
1720 El Camino Real
Mountain View, CA 94040 415/961-0220
See advertisement on page 47

Comfort Inn
1561 El Camino Real
Mountain View, CA 94040 415/967-7888

The County Inn
850 Leong Drive
Mountain View, CA 94043 415/961-1131

Crestview Motel
1984 El Camino Real #640
Mountain View, CA 94040 415/354-4200

Hyatt Hotels Palo Alto
4219 El Camino Real
Palo Alto, CA 94306 415/493-8000

Lucky U Motel
185 Fairchild Drive
Mountain View, CA 94043 415/968-1871
See advertisement on page 47

Moffett Motel
277 Fairchild Drive
Mountain View, CA 94043 415/967-9549
See advertisement on page 47

Rainbow West Motel
1905 W. El Camino Real
Mountain View, CA 94040 415/940-9660
See advertisement on page 47

Residence Inn
1854 El Camino Real
Mountain View, CA 94040 415/940-1300

Rodeway Inn
55 Fairchild Drive
Mountain View, CA 94043 415/967-6856
See advertisement on page 47

Sheraton Inn Sunnyvale
1100 N. Mathilda Avenue
Sunnyvale, CA 94089 408/745-6000

Sundowner Inn
504 Ross Drive
Sunnyvale, CA 94089 408/734-9900

HOUSE CLEANING SERVICES

Merry Maids
1954 Old Middlefield Way
Mountain View, CA 94043 415/961-8288

ICE

Mountain View Ice Company
404 Villa Street
Mountain View, CA 94041 415/967-7792

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LUMBER
& SUPPLY
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VISIT OUR NEW ADDITION

The Bay Area's finest
Window & Door Showroom

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Installation available

Open 7 days

(415) 948-1089

134 San Antonio Circle • Mountain View

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TECHNICAL SERVICES HEATING & AIR CONDITIONING

Over 20 Years of Experience

SALES • SERVICE • REPAIR • INSTALLATION

RESIDENTIAL & COMMERCIAL

EPA Certified

415-961-7226 408-245-1826

400 Ortega Avenue • Mountain View, CA9404

HEALTH & FITNESS

M & R Marketing
699 Waltham Street
Mountain View, CA 94040 415/965-7927

HEATING & AIR CONDITIONING SERVICES

Technical Services Heating & Air Conditioning
400-A Ortega Avenue
Mountain View, CA 94040 415/961-7226
See advertisement on this page

HOSPITALS

El Camino Hospital
2500 Grant Road
Mountain View, CA 94039 415/940-7000
See advertisement on page 26

El Camino Surgery Center
2480 Grant Road
Mountain View, CA 94040 415/961-1200
See advertisement on page 26

HOSPITALS-CONVALESCENT

Julia Convalescent Hospital
276 Sierra Vista Avenue
Mountain View, CA 94043 415/967-5714

Considering the competition . . . there is none.



THE DIAMOND BROKER

Your engagement ring specialist

- ◇ Precision cut .50 ct. to 8cts. featuring GIA/GTL diamond grading reports at or below NY Wholesale list prices.
- ◇ Goldsmith on premise
- ◇ Other precious stones & pearls

Please call for your appointment

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Tues., Wed., Fri. & Sat. 9am-6pm

Thurs. 9am-9pm

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Studio Creaius designs and creates custom jewelry. Exquisite, unique jewelry. Let us create something special for you, too.



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Palo Alto, CA 94301 415/323-7786

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Mountain View, CA 94043 415/964-7024

Scios Nova Inc.
2450 Bayshore Parkway
Mountain View, CA 94043 415/966-1550

LABORATORY EQUIPMENT

Pickering Laboratories
1951 Colony Street #S
Mountain View, CA 94043 415/968-9502

LIQUOR STORES

Joe's U-Save
2339 California Street
Mountain View, CA 94040 415/969-0656

LOCKS-LOCKSMITHS

Industrial Lock Services
2255 Old Middlefield Way
Mountain View, CVA 94043 415/961-5544

Kwik Key Lock & Safe Company
2025-A El Camino Real
Mountain View, CA 94040 415/965-2997

Mountain View Door Closer-Key/Lock
171 Castro Street
Mountain View, CA 94041 415/968-3323

LUMBER

Bruce Bauer Lumber & Supply
134 San Antonio Circle
Mountain View, CA 94040 415/948-1089
See advertisement on page 46

Minton's Lumber & Supply
455 W. Evelyn Avenue
Mountain View, CA 94041 415/968-9201
See advertisement on page 49

MACHINE SHOPS

ERC Concepts Co.
2177 Leghorn Street
Mountain View, CA 94043 415/964-6685
See advertisement on page 49

MAGIC SUPPLIES

House of Humor
131-B E. El Camino Real
Mountain View, CA 94040 415/965-4116
See advertisement on page 39

MAIL BOXES

Postal Express
801 W. El Camino Real
Mountain View, CA 94040 415/965-7098
See advertisement on page 50

MAILING SERVICES

Aid Mailing & Letter Service
2750 Del Medio Court
Mountain View, CA 94040 415/948-6037

LAWSON - HAWKS INSURANCE ASSOCIATES

Computer Quotes

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Personal Service Since 1937



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Mountain View, CA 94043 415/960-6999
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JEWELRY-RETAIL

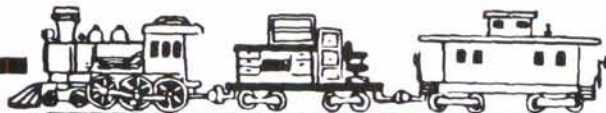
The Diamond Broker
388 Second Street
Los Altos, CA 94022 415/941-7856
See advertisement on this page

Diamonds of Palo Alto
261 Hamilton Avenue #320
Palo Alto, CA 94301 415/322-1200

Studio Creaius
1954 Old Middlefield Way #R
Mountain View, CA 94043 415/960-6999
See advertisement on this page

KITCHEN & BATH REMODELING

Kitchens By Meyer
278 Castro Street
Mountain View, CA 94041 415/968-8318
See advertisement on page 32



Free local ground floor delivery

DESK DEPOT

Major Credit Cards Accepted

**USED - SLIGHTLY USED - NEW
OFFICE FURNITURE BOUGHT & SOLD**

With a warehouse filled with the history of office furniture, we are able to quickly create productive working environments that make a statement.

89 PIONEER WAY, #A
MOUNTAIN VIEW

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WE DO IT ALL . . . ALMOST !

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POSTAL EXPRESS

Monday-Friday 8am to 5:30pm

Open Saturdays

415/965-7098

FAX

415/965-0435

801 W. El Camino (corner of Castro) Mountain View

MEN'S CLOTHING

The Men's Wearhouse
1949 W. El Camino Real
Mountain View, CA 94040 415/969-2598

MENTAL HEALTH SERVICES

Miramonte Mental Health Services
206 California Avenue
Palo Alto, CA 94306 415/617-8340

Peninsula Children's Center
3860 Middlefield Road
Palo Alto, CA 94303 415/494-1200

MICROWAVE COMMUNICATION EQUIPMENT SYSTEMS

Spectrian
550 Ellis Street
Mountain View, CA 94043 415/961-1473

MOBILE HOME PARKS

New Frontier Mobile Home Park
325 Sylvan Avenue
Mountain View, CA 94041 415/967-1725

MORTUARIES-FUNERAL HOMES

Cusimano Family Colonial Mortuary
96 El Camino Real
Mountain View, CA 94040 415/968-4453

Spangler Mortuaries

799 Castro Street
Mountain View, CA 94041 415/967-5546
See advertisement on page 44

MOTORCYCLE/MOTOR SCOOTER DEALERS

California BMW
2490 Old Middlefield Way
Mountain View, CA 94043 415/966-1183

MOVING & STORAGE COMPANIES

Nevil Moving & Storage Companies
2496 Wyandotte Street
Mountain View, CA 94043 800/824-6285
See advertisement on page 49

Thomas Transfer & Storage Company

2195 Leghorn Street
Mountain View, CA 94043 415/967-7844

MUSICAL INSTRUCTION

Community School of Music and Arts
253 Martens Avenue
Mountain View, CA 94040 415/961-0342
See advertisement on page 20

Laura Barton Music Studio

1363 San Domar Avenue
Mountain View, CA 94043 415/965-0139

MUSICAL INSTRUMENTS-RETAIL

West Valley Music
1350 Grant Road
Mountain View, CA 94040 415/961-1566

MUSICIANS

Jeff Nuss Music Service
255 S. Rengstorff #29
Mountain View, CA 94040 415/969-4037

Schola Cantorum
1605 W. El Camino Real
Mountain View, CA 94040 415/254-1700

MUTUAL FUNDS

Benham Capital Management
1665 Charleston Road
Mountain View, CA 94043 415/965-8300
See advertisement on page I.F.C.

NEWSPAPERS

San Jose Mercury News
2570 El Camino Real
Mountain View, CA 94040 415/917-4418

The Voice of Mountain View
P.O. Box 405
Mountain View, CA 94042 415/968-9057

NOTARIES PUBLIC

Postal Express
801 W. El Camino Real
Mountain View, CA 94040 415/965-7098
See advertisement on this page

NOVELTIES

House of Humor
131-B E. El Camino Real
Mountain View, CA 94040 415/965-4116
See advertisement on page 39

NUTRITION COUNSELING

Healthy Body
1915 Montecito Avenue #3
Mountain View, CA 94043 415/691-1065

OFFICE CENTERS/BUILDINGS/PARKS

City Center
650 Castro Street
Mountain View, CA 94041 415/968-6500
See advertisement on page 11

Emerging Technologies Group
1121 San Antonio Road #B100
Palo Alto, CA 94303 415/964-5000
See advertisement on page 29

Mountain Bay Plaza
444 Castro Street
Mountain View, CA 94041 415/969-3871
See advertisement on page 11

OFFICE FURNITURE-DESIGNERS

Office Pavilion Space Designs Inc.
2490 Charleston Road
Mountain View, CA 94043 415/960-0910

OFFICE FURNITURE-NEW

Desk Depot
89 Pioneer Way #A
Mountain View, CA 94041 415/969-3100
See advertisement on this page

Express

PRINTING & GRAPHICS

(415) 967-6223
Fax (415) 967-5821

2580-B Wyandotte Street ■ Mountain View ■ CA 94043

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- Color Printing
- Kodak Copies
- Color Copies
- Typesetting
- FAX Service
- Folding
- Binding
- Resumes
- Letterheads
- Envelopes
- Business Cards

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Of The Future

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& DUPLICATING
HEADQUARTERS!

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SIMON
printing
inc.

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Gerhard Productions

P.O. Box 390785
Mountain View, CA 94039415/903-9077

Pete Nuding Photography

838 Independence Avenue #A
Mountain View, CA 94043415/967-4854

Weaver Photography

291 Tyrella Avenue
Mountain View, CA 94043415/961-8731
See advertisement on page 8

PHYSIC READERS

Dagmar Morrow
505 Cypress Point Drive #214
Mountain View, CA 94043415/967-3940

PHYSICAL THERAPISTS

Total Physical Therapy
650 Castro Street
Mountain View, CA 94041415/960-1069

PHYSICIANS & SURGEONS

Sheri Bortz, MD
2047 Montecito Avenue #9
Mountain View, CA 94043415/361-0446

El Camino Internal Medical Group

125 South Drive
Mountain View, CA 94040415/961-6600
See advertisement on page 26

Mid-Peninsula Surgical Associates
305 South Drive #5
Mountain View, CA 94040415/962-0203

Drs. Upton, Casey & Higgins
253 Franklin Street
Mountain View, CA 94041415/967-6322

PHYSICIANS & SURGEONS REFFERAL SERVICES

Camino Healthcare

2500 Grant Road
Mountain View, CA 94039415/940-7070
See advertisement on page 25

PICTURE FRAMES

Frame Art Workshop & Gallery
2134 Old Middlefield Way
Mountain View, CA 94043415/964-7136

PIZZA PARLORS

Stuft Pizza Bar & Grill

191 Castro Street
Mountain View, CA 94041415/961-1491
See advertisement on page 67

Tony & Alba's Pizza

619 Escuela Avenue
Mountain View, CA 94040415/968-5089
See advertisement on page 68

PLUMBING & HEATING

Roto-Rooter Plumbing & Drain

1330 L'Avenida Street
Mountain View, CA 94043415/968-5933
See advertisement on page 53

PRINTERS

Alphagraphics

444 Castro Street #110
Mountain View, CA 94041415/962-8083
See advertisement on this page

Altos Print & Copy

4546 El Camino Real #A-7
Los Altos, CA 94022415/949-0380

Express Printing & Graphics

2580 Wyandotte Street #B
Mountain View, CA 94043415/967-6222
See advertisement on this page

Goodco Press

626 San Antonio Road
Mountain View, CA 94040415/941-2734

M.M. Klein Printing Services

707 Continental Circle #411
Mountain View, CA 94040415/964-6127

Minuteman Press

160 E. El Camino Real
Mountain View, CA 94040415/965-3600
See advertisement on page 53

Moon-Lith Press

2330 Old Middlefield Way
Mountain View, CA 94043415/968-2058

Mountain View Printing

1988 Leghorn Street
Mountain View, CA 94043415/965-9000

Pizazz Printing

1070 Commercial Street #110
San Jose, CA 95112408/453-1144

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Best At Finding A Home



Best At Selling Homes



Best In Customer Service

Once again The Wirthlin Group, a leading research firm, has awarded top honors nationwide to CENTURY 21® system professionals. In 12 separate categories, homeowners rated the CENTURY 21 system first, every time, by a wide margin. Trust your home to a member of the real estate sales organization more homeowners trust, the CENTURY 21 system.



Acton Realty, Inc.

1503 Grant Rd. Mountain View CA 94040
(415) 966-1100

Source: 1992 Nationwide Survey of Homeowners. This survey included 1,541 telephone interviews with a random sample of home owners from throughout the USA and was conducted during October 2-12, 1992 by the Wirthlin Group, a leading survey research organization. The results from the survey have a 95% confidence interval of +/-2.5% Homeowners were asked, "Now, thinking about real estate sales organizations, which one would you say... is the best at finding people the right home? ...gives its customers the best service? ...is the best at helping people sell their homes?"



Each office is independently owned & operated.



Denny's
870 Leong Drive
Mountain View, CA 94040 415/964-2911

El Calderon Restaurant
699 Calderon Avenue
Mountain View, CA 94041 415/940-9533

El Paso Cafe
1407 El Camino Real
Mountain View, CA 94040 415/961-8858

Fiesta Del Mar, Sea Food, Mexican Cuisine & Cantina
1005 N. Shoreline Boulevard
Mountain View, CA 94043 415/965-9354
See advertisement on page 65

Florentine Restaurant & Pasta Market
118 Castro Street
Mountain View, CA 94041 415/961-6543

Fogg's
303 Bryant Street
Mountain View, CA 94041 415/390-9696

Golden Wok Restaurant
895 Villa Street
Mountain View, CA 94041 415/964-2222
See advertisement on page 66

Hangen
134 Castro Street
Mountain View, CA 94041 415/964-8881

Hobee's Restaurant
2312 Central Expressway
Mountain View, CA 94043 415/968-6050
See advertisement on page 66

House of Bagels
1712-D Miramonte Avenue
Mountain View, CA 94040 415/694-4888
See advertisement on page 65

Jalapenos Taqueria
80 El Camino Real
Mountain View, CA 94040 415/964-1869

Jumpin' Java Coffee House
744 W. Dana
Mountain View, CA 94041 415/390-9638

La Fiesta Restaurant
240 Villa Street
Mountain View, CA 94041 415/968-1364
See advertisement on page 65

Michael's Restaurant
2960 N. Shoreline Boulevard
Mountain View, CA 94043 415/962-1014
See advertisement on page 66

Ming's Villa Inc.
1700 Embarcadero Road
Palo Alto, CA 94303 415/856-7700

Monterey Whaling Company
190 E. El Camino Real
Mountain View, CA 94040 415/969-4323
See advertisement on page 66

N.Y. Pizza II
327 Moffett Boulevard
Mountain View, CA 94043 415/988-9411

Pollo's
1040 Grant Road
Mountain View, CA 94040 415/961-9200

Safari Cafe
100 W. El Camino Real #70
Mountain View, CA 94040 415/390-0796

MH Realty Advisors, Inc.
444 Castro Street #307
Mountain View, CA 94041 415/969-3871
See advertisement on page 11

RECYCLING SERVICES

Foothill Disposal Co.
935 Terra Bella Avenue
Mountain View, CA 94043 415/967-3034
See advertisement on page 44

REMODELING-RESIDENTIAL

William Maston Architect & Associates
384 Castro Street
Mountain View, CA 94041 415/968-7900

RENTAL SERVICES/STORAGE YARDS

Porter Rents & Sells
2485 Old Middlefield Way
Mountain View, CA 94043 415/968-4401

Taylor Rental Center
2246 W. El Camino Real
Mountain View, CA 94040 415/968-8301
See advertisement on page 55

RESTAURANT EQUIPMENT

Northern Wolff Enterprises 408/737-7019

RESTAURANTS

BAJIS' Down The Street Cafe
2423 Old Middlefield Way
Mountain View, CA 94043 415/967-7477

The Better Bagel
1040 Grant Road
Mountain View, CA 94040 415/988-0279
See advertisement on page 64

Burger King
San Antonio Road & El Camino Real
Mountain View, CA 94040 415/948-1840

Burger King
El Camino Real & Grant Road
Mountain View, CA 94040 415/969-0500

The Castro Street Bar & Grill
174 Castro Street
Mountain View, CA 94040 415/968-7111
See advertisement on page 64

Chapala Mexican Restaurant
570 N. Shoreline Boulevard
Mountain View, CA 94043 415/965-8019

Chef Lee #1 Chinese Restaurant
1477 Plymouth Street
Mountain View, CA 94043 415/960-0268

Chef Wang, Inc.
212 Castro Street
Mountain View, CA 94041 415/969-4574

Chili's Restaurant
2560 El Camino Real
Mountain View, CA 94040 415/941-2227

Clarke's Charcoal Broiler
615 W. El Camino Real
Mountain View, CA 94040 415/967-0851
See advertisement on page 64

SKYLINE

Heating,
Sheetmetal, &
Air Conditioning

- custom sheetmetal work
- no job too big or small
- commercial and residential

780 Yuba Drive
Mountain View, CA
94041
415 967-0247

Western Montessori Day School
323 Moorpark Way
Mountain View, CA 94041 415/961-4131

SCHOOLS-ACADEMIC-ELEMENTARY & SECONDARY

Mountain View Academy
360 S. Shoreline Boulevard
Mountain View, CA 94041 415/967-2324
See advertisement on page 22

St. Francis High School
1885 Miramonte Avenue
Mountain View, CA 94040 415/968-1213
See advertisement on page 22

SCHOOLS-ART INSTRUCTION & GALLERIES

Pacific Art League of Palo Alto
668 Ramona Street
Palo Alto, CA 94301 415/321-3891

SCHOOLS-COLLEGES/UNIVERSITIES

Foothill College
12345 El Monte Road
Los Altos Hills, CA 94022 415/949-7777
See advertisement on page 21

Golden Gate University
5050 El Camino Real #101
Los Altos, CA 94022 415/961-3000

Saint Mary's College
P.O. Box 5219
Moraga, CA 94575 415/631-4900

SCHOOLS-MUSIC & ART

Community School of Music and Arts
253 Martens Avenue
Mountain View, CA 94040 415/961-0342
See advertisement on page 20

SCREENS-DOOR & WINDOW

Franciscan Glass Company
100 San Antonio Circle
Mountain View, CA 94041 415/948-6666
See advertisement on page 44

SECURITY GUARD/PATROL SERVICES

American Commercial Security Service
4633 Old Ironsides Drive #401
Santa Clara, CA 95054 408/748-7622

SECURITY SYSTEMS

Quorum International, Ltd.
809-B Cuesta Drive #185
Mountain View, CA 94040 415/988-9113
See Advertisement on page 29

SEMICONDUCTOR DEVICES

NEC Electronics, Inc.
475 Ellis Street
Mountain View, CA 94043 415/960-6000

Raytheon Semiconductor
350 Ellis Street
Mountain View, CA 94043 415/968-9211
See advertisement on page 1

SERVICE STATIONS

Mountain View Shell
1288 W. El Camino Real
Mountain View, CA 94040 415/964-0213
See advertisement on page 35

SEWER & DRAIN CLEANING SERVICES

Roto-Rooter Plumbing & Drain
1330 L'Avenida Street
Mountain View, CA 94043 415/968-5933
See advertisement on page 53

SHEETMETAL & HEATING

Skyline Heating & Sheetmetal
780 Yuba Drive
Mountain View, CA 94041 415/967-0247
See advertisement on this page

SHOWER DOORS

Bay View Glass & Mirror Co.
1957 Old Middlefield Way #B
Mountain View, CA 94043 415/390-9630
See advertisement on page 45

SIGNS

Fastsigns
581 E. El Camino Real
Sunnyvale, CA 94087 408/245-8000

Gene Brookins Sign
461 El Camino Real
Mountain View, CA 94040 415/968-8588

SILKSCREENING/EMBROIDERY

All Premium Sportswear, Inc.
2624 Fayette Drive
Mountain View, CA 94040 415/948-1290

Pegasus Screen Printed Product Group
1931-G Old Middlefield Way
Mountain View, CA 94043 415/965-2576

SPACE PLANNING SERVICES

The Residential Designer
P.O. Box 390241
Mountain View, CA 94039 415/969-3313
See advertisement on page 30

SPECIAL EVENT PRODUCTIONS

G.Y.R.O. (Global Youth Resource Organization)
1685 Rogers Avenue
San Jose, CA 95112 408/453-2817

SPORTS CAMPS & BATTING CAGES

PlayBall Athletic Co./Grand Slam USA
1400 N. Shoreline, C-2 & C-3
Mountain View, CA 94043 415/390-9929

STATIONERY SUPPLIES

Central Stationers
P.O. Box 306
Mountain View, CA 94042 415/968-3160

Minuteman Press
160 E. El Camino Real
Mountain View, CA 94040 415/965-3600
See advertisement on page 53

Norney's Mountain View
2550 El Camino Real
Mountain View, CA 94040 415/948-0272

STORAGE FACILITIES

Nevil Moving & Storage Companies
2496 Wyandotte Street
Mountain View, CA 94043 800/824-6285
See advertisement on page 49

TAX PREPARATION SERVICES

Ford, Cicoletti & Company, Inc.
160 W. Santa Clara Street #675
San Jose, CA 95113 408/975-7700

Jemco Financial Services
1580 W. El Camino Real #10
Mountain View, CA 94040 415/968-1730
See advertisement on page 30

Marc Lund, CPA
1265 Montecito Avenue #105
Mountain View, CA 94043 415/966-1511

Anthony J. Santos, CPA
450 First Street #C
Los Altos, CA 94022 415/949-6600

TELECOMMUNICATION COMPANIES

Boomerang Information Services
335 Bryant Street #203
Palo Alto, CA 94301 800/779-7792

Global Village Communication
685 E. Middlefield Road Building B
Mountain View, CA 94043 415/390-8365

MobileComm
2700 Garcia Avenue
Mountain View, CA 94043 415/968-2000

NTT America, Inc.
800 W. El Camino Real #103
Mountain View, CA 94040 415/940-1414



MEMBERSHIP ROSTER

A

A & B Auto Service
415/967-6443

A & R Booth Rental
408/739-0373

Abbott Laboratories-Hospital Products
415/961-4380

Abrams Design Group
415/964-2388

Accent Business Forms
415/967-1449

Accent on Flowers by Shirley
415/948-3322

Acc-u-Tune & Brake
415/961-0311

Acc-u-Tune & Brake
415/968-8863

Acme & Sons Sanitation Inc.
408/295-2263

Acord's Appliance Service
415/967-0153

Action Properties
415/967-8700

Acurex Environment Corporation
415/961-5700

Acuson
415/969-9112

AD PLUS
408/973-1364

Adia Personnel Services
415/967-3778

Adobe Systems Inc.
415/961-4400

Advantage Business Exchange
415/903-5002

Aid Mailing & Letter Service
415/948-6037

Air Products & Chemicals
415/961-4560

Alain Pinel Realtors
415/323-1111

All Premium Sportswear, Inc.
415/948-1290

Allstate-Khiew-Lo
415/961-5432

Alphagraphics
415/962-8083

Alpine Chiropractic Center
415/968-9600

Senator Alfred Alquist
408/286-8318

Allison BMW
415/733-2400

Alto-View Newcomer's Club
415/965-3543

Altos Print & Copy
415/949-0380

Alza Corporation
415/494-5060

Ambiance Associates
415/966-8980

Ambra Construction Company
415/967-2003

American Canine Institute & Kennels
415/964-4422

American Chamber of Commerce
703/998-0072

American Commercial Security Service
408/748-7622

American Red Cross
415/322-2143

American Transitech
415/968-439

Americana Apartments
415/968-0700

America's Tire Company, Inc.
415/988-9611

AMG Enterprises
415/968-9999

Olga & Carl Anderson
Answer File, Inc.
415/967-3004

Apple One Temporary Service, Ltd.
415/322-2700

Applied Physics Systems
415/965-0500

Lawrence Armanini
415/967-2352

Gregory G. Armi, DDS
415/968-6597

Phillip G. Armi, DDS
415/968-6597

Art Stange Foreign Car Service
415/967-8120

Audit Research Technology
415/965-3442

Auto Fidelity Group
415/969-5895

Avery Construction
415/961-8330

B

BAJIS' Down the Street Cafe
415/967-7477

Ken Baker/Postmaster
415/967-8930

Ballou Photography
415/967-9540

Bank of America
415/960-4701

Bank of the West
415/967-5723

Diadema Barrientos, DMD, Inc.
415/965-0580

Marjorie Barron
408/253-1829

Bay Counseling & Consulting
415/941-2212

Bay View Glass & Mirror
415/390-9630

Beautiful Cars Incorporated
415/969-5032

Benham Capital Management
415/965-8300

Dan Bertolet/Paine Webber
415/233-7018

Best Western Inn
415/967-6957

Best Western Mountain View Inn
415/962-9912

Best Western Tropicana Lodge Motel
415/961-0220

The Better Bagel, Inc.
415/988-0279

Better Business Bureau
408/445-3000

Bob's Custom Auto Repair
415/962-8087

Bon Sante' Therapeutic Massage
415/968-7587

Boomerang Information Services
800/779-7792

Sheri Bortz, MD
415/361-0446

Boy Scouts of America
415/327-5900

The Brandon Group/Secure Futures Inc.
415/968-7678

Dr. Beth R. Browdy
415/961-9290

Paul Brown, DDS
415/964-1300

Bruce Bauer Lumber Company
415/948-1089

Burger King
415/968-0552

Burriss, Monahan & Riley
415/948-7127

Business Cluster Development
415/854-1707

C

C & C Body Shop
415/964-3119

C.A.R. Contract Employment Services
415/961-3332

Cactus Design
415/966-8821

Cal-Pac Roofing
415/428-0450

California Artists
415/348-7699

California Barbecue
415/940-1513

California BBQ
408/450-2868

California BMW
415/966-1183

California Chamber of Commerce
916/444-6670

California Savings & Loan, AFA
415/964-0640

California State Automobile Assoc.
415/965-7000



Exotic Silks
415/965-7760

Express Printing & Graphics
415/967-6222

F

F & S Bowling & Trophy Supply
415/968-7173

F.C.C. Auto Body
415/965-1440

Family Services Assoc/Santa Clara
415/968-3371

FAR Performance
415/968-2911

Fastsigns
408/245-8000

Fedor Development Co.
415/988-9834

E.W. Bill Field
415/967-5949

Fiesta Del Mar
415/965-9354

First Columbia Property Service
415/967-1117

First Interstate Bank
415/903-4200

1st Nationwide Bank
415/948-9118

Flex-it
415/961-9070

Florentine Restaurant & Pasta Market
415/961-6543

Flowers By Linda
415/969-7695

Fogg's
415/390-9696

Foothill Bank
415/941-9300

Foothill College
415/949-7408

Foothill Disposal
415/967-3034

Ford, Cicoletti & Company
408/975-7700

Ford Financial Services
510/462-8284

Fox & Carskadon
415/948-8050

Fram Cleaning Service
408/293-FRAM

Frame Art Workshop & Gallery
415/964-7136

Franciscan Glass Company
415/948-6666

Frasher & Associates
415/968-1861

Friends of the Mountain View Center
415/903-6576

Fro Yo
415/964-8888

G

Gary Walton Graphics, Inc.
415/961-0778

Gazzera, London & O'Grady
415/968-8348

Gee Realty
415/965-1399

Nancy Gee, Attorney
415/965-2555

Gene Brookins Sign
415/968-8588

GenPharm International
415/964-7024

Gerhard Productions
415/903-9077

Girl Scouts of Santa Clara County
408/287-4170

Hugo C. Gisske
415/967-6258

Global Beads
415/967-7556

Global Home Offices
415/962-0888

Global Village Communication
415/390-8365

Golden Bay Federal Credit Union
415/969-6222

Golden Gate University
415/961-3000

Golden Wok Restaurant
415/969-8232

Goodco Press
415/941-2734

Goodwill of Santa Clara County
408/998-5774

Grayson Dental
415/988-9458

Great Western Bank
415/969-4300

Growth & Leadership Center
415/966-1144

GT Interlink
415/964-2537

GTE Government Systems Corporation
415/966-3461

GTE Mobilnet
408/432-7577

G.Y.R.O. (Global Youth Resource Organization)
408/453-2817

H

Hallmark Personnel
415/325-1133

Handle With Care Packaging Store
415/967-5500

Hangen
415/964-8881

Hanson Properties
415/296-9363

Hanson/Davis
415/966-1581

Hawley, Peterson & Snyder
415/968-2944

Hayden Carpet/Upholstery Cleaning
415/965-7307

Judge Charles Hayden
408/299-4971

Healthy Body
415/691-1065

W.V. Henderson Company
415/969-6200

Hewlett-Packard
415/691-3481

Gary Hill
415/964-6604

Hobee's Restaurant
415/968-6050

Hockey-Meier Company
415/322-3000

Sheila Hodgkinson, AIA
415/968-5646

Home Savings of America
415/968-0333

House of Bagels
415/694-4888

House of Humor
415/965-4116

Hyatt Hotels Palo Alto
415/493-8000

I

I.F.E.S. Society of Mountain View
415/967-2759

Impact Publishing
415/964-8219

Industrial Lock Service
415/961-5544

Intectra
415/967-8818

Intellicorp
415/965-5500

International Translation & Publishing
415/428-0104

Iris Medical Instruments
415/962-8848

J

J.D. Hise General Contractor
415/961-0653

The Jack Dymond Construction Co. Inc.
415/968-8311

Jacki's Aerobic Dancing
415/941-1002

Jaguar Purrformance Center
415/694-7877

Jalapenos Taqueria
415/964-1869

Jasco Chemical Corp.
415/968-6005

Jeff Nuss Music Service
415/969-4037

Jemco Financial Services
415/968-1730

JIAN
415/941-9191

JLH Management Services
408/241-9530

Joe's U-Save
415/969-0656

John Wirth Company
415/967-1212

JP Saddlestitching
415/965-7088

Julia Convalescent Hospital
415/967-5714

Jumpin' Java Coffee Houe
415/390-9638

K

Kaiser Permanente Medical Group
415/903-3000

Kapp's Pizza Bar & Grill
415/961-1491

Kelly Services
415/513-5003



Multi-Association Management
415/903-8300

N

National Scholarship Network
415/964-5947
NEC Electronics, Inc.
415/960-6000
NetWorkForce
415/965-2235
Nevil Moving & Storage
415/967-6285
New Castro Market
415/962-8899
New Frontier Mobile Home Park
415/967-1725
New York Life
415/965-1666
N.Y. Pizza II
415/988-9411
News Technology
415/965-7722
Newton & Kastner & Remmel
415/967-7854
John Nicholas
415/967-3393
Nimic, Inc.
415/691-0602
Takao Nishiura, Architect
415/988-1169
Nob Hill Foods
408/842-6441
Nor Cal Professional Insurance
408/866-1690
Norney's Mountain View
415/948-0272
Northern Wolff Enterprises
408/737-7019
Northwestern Mutual Life
415/956-8900
Northwestern Mutual Life
408/248-3700
NTT America, Inc.
415/940-1414

O

Oakwood Corporate Apartments
415/964-1551
Office Depot
415/964-8249
Office Pavilion Space Designs Inc.
415/960-0910

Ogden Entertainment Services
415/967-4911

101 Club

415/965-1101
Once Upon A Child
415/960-6822

OPTION ONE Personnel & Technical Services
415/941-5115

P

Pacific Art League of Palo Alto
415/321-3891
Pacific Bell
408/493-7735
Pacific Bell Smart Yellow Pages
800/662-6252
Pacific Gas & Electric
408/725-2230
Painting Plus
415/961-6499
Park Place Apartments
415/961-6500
Parker Automotive
415/941-0342
Pat's Medical Insurance

Counseling
415/967-0636

Paul's Draperies, Inc.
415/967-7000

Pegasus Screen Printed Product Group
415/965-2576

Peninsula Blueprint, Inc.
415/967-1966

Peninsula Children's Center
415/494-1200

Penny Nii Quilt Art
415/969-2625

Pepsi - Cola West
408/946-8800

Personalized Software Manufacturing Service
415/968-4121

Pete Nuding Photography
415/967-4854

Pickering Laboratories
415/968-9502

Pin High Golf Center
408/577-1111

Pizazz Printing
408/453-1144

PlayBall Athletic Co/Grand Slam USA

415/390-9929

Pollo's
415/961-9200

Porter Rents & Sells
415/968-4401

Postal Express
415/965-7098

Potpourri
408/748-1360

Power Promotions
415/903-9238

Pre-Press Graphics
415/967-5477

Preferred Referral Organization
415/949-6600

Price-Costco
415/988-9767

Primary Plus
415/967-3780

Pyramid Painting Inc.
415/903-9791

Q

Quality Engraving & Award Co.
415/965-8000

The Quilting Bee
415/969-1714

Quorum International
415/988-9113

Quota Club of Mountain View
415/967-6466

R

Raytheon Semiconductor
408/522-7023

Redwood Villa
415/965-8633

Residence Inn
415/940-1300

Residential Designer
415/969-3313

Retirement Administration
415/961-5500

Rhamdec, Inc. / MYDESC Division
415/965-3251

Carl Riccoboni, DDS
415/968-3343

Rich's Business Directories
415/493-RICH

Robert Moore Flowers
415/967-2307

Rodeway Inn
415/967-6856

Ronna's Freelance
415/903-9077

Roper Photography
415/965-4389

Rotary Club of Montain View
415/961-8700

Roto-Rooter Plumbing & Drain
415/968-5933

Rudolph & Sletten
415/962-1400

S

Safari Cafe
415/390-0796

Safeway Store
415/903-5850

Sahari Restaurant
408/245-1448

Saint Francis High School
415/968-1213

St. James Infirmary
415/969-0806

St. Joseph School
415/967-1839

St. Joseph's Catholic Church
415/967-3831

Saint Mary's College
415/631-4900

Salas Show Co.
415/962-8810

San Antonio Center
415/941-3794

San Jose Mercury News
415/917-4418

Santa Clara Color Service
415/965-4040

Anthony Santos, CPA
415/949-6600

Sanwa Bank of California
415/965-4700

Sasco
415/967-5728

Savory City Catering
415/969-1269

Schola Cantorum
415/254-1700

Scios Nova Inc.
415/966-1550



DINING GUIDE



CLARKE'S

Since  1945

CHARCOAL BROILER

(415) 967-0851

FRANCHISES AVAILABLE

615 W. El Camino Real
Mountain View, CA 94040



WE USED TO CALL THEM 'HEAVENLY' BUT THE MERCURY-NEWS CALLS 'EM 'PERFECT'



WE STILL CALL 'EM 'HEAVENLY''

"Perfect hamburgers" by San Jose Mercury News
"Voted #1 Hamburger—Perfect!" by Mountain View Voice



237 HWY GRANT
EL CAMINO REAL
CASTRO
SF

OPEN 7 DAYS
 11 am - 9 pm Daily
 'til 10 pm on Fridays

- BURGERS
- RIBS
- CHICKEN
- TAKE OUT
- BEER & WINE

BAJIS' Down The Street Cafe
 2423 Old Middlefield Way
 Mountain View, CA 94043
 415/967-7477


The Better Bagel
 1040 Grant Road
 Mountain View, CA 94040
 415/988-0279

See advertisement on this page

Burger King
 San Antonio Road & El Camino Real
 Mountain View, CA 94040
 415/948-1840

Burger King
 El Camino Real & Grant Road
 Mountain View, CA 94040
 415/969-0500

The Castro Street Bar & Grill



California Cuisine
 968-7111

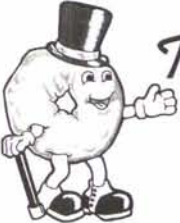
Tien Fu

Mandarin & Szechuan Cuisine
 968-6699

Two patio areas & a full bar
 for your dining pleasure

FREE DELIVERY, HOT & FAST

174 Castro Street, Mountain View
 Open 7 days. Fri. & Sat. till midnight



The **Better Bagel**

CAFE DELI

415/988-0279

Open Monday - Friday 6:30 to 6:00
 Saturday & Sunday 7:00 to 5:00

Always a Baker's Dozen

1040 Grant Rd, Mt View (next to Payless Drugs)

★
64



DINING GUIDE



**GOLDEN
WOK**
福來居

DELIVERY / PICK UP
964-2222

PATIO DINING
MT. VIEW & LOS ALTOS
895 Villa Street

CHICKEN CHOW MEIN

or

VEGETABLE FRIED RICE

ONLY

99¢

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Fogg's
303 Bryant Street
Mountain View, CA 94041
415/390-9696

Golden Wok Restaurant
895 Villa Street
Mountain View, CA 94041
415/964-2222

See advertisement on this page

Hangen
134 Castro Street
Mountain View, CA 94041
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Hobee's Restaurant
2312 Central Expressway
Mountain View, CA 94043
415/968-6050

See advertisement on this page

The Ultimate Dining Experience



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DINING GUIDE

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Mountain View, CA 94040
415/390-0796

Sahari Restaurant
126 E. Fremont Avenue
Sunnyvale, CA 94087
408/245-1448

St. James Infirmary
390 Moffett Boulevard
Mountain View, CA 94043
415/969-0806
See advertisement on page 67

Sono Sushi Japanese Restaurant
357 Castro Street
Mountain View, CA 94041
415/961-9086

Szechuan Garden Restaurant
124 Castro Street
Mountain View, CA 94041
415/969-5614

Taco Bell
950 W. El Camino Real
Mountain View, CA 94040
415/964-3758
See advertisement on this page

Taco Bell
975 N. Shoreline Boulevard
Mountain View, CA 94043
415/428-0570

Tied House Brewery & Cafe
954 Villa Street
Mountain View, CA 94041
415/965-2739
See advertisement on this page

Tien Fu
176 Castro Street
Mountain View, CA 94040
415/968-6699
See advertisement on page 64

Tony & Alba's Pizza
619 Escuela Avenue
Mountain View, CA 94040
415/968-5089
See advertisement on this page

Victory Palace
2545 Middlefield Road
Mountain View, CA 94043
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Yakko Japanese Restaurant
975 W. Dana Street
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Open 7 days a Week • 6 a.m. to Midnight
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Enjoy our award winning
**Original Italian Pizza, Pasta,
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A New Era for Moffett

In an attempt to reduce the federal budget deficit, U.S. Secretary of Defense Dick Cheney in January 1990 issued his recommendations for which military bases across the nation should be closed. Cheney's list of 25 installations included Moffett Field.

That year Congress agreed to remove Moffett from the list, but the reprieve was temporary. By April 15, 1991, the Naval Air Station was on a new "hit list." As it had many times in Moffett's history, the Peninsula wanted to have its say in the airfield's future.

In response to the federal government's decision, officials from the cities of Mountain View and Sunnyvale joined forces with local chambers of commerce, Silicon Valley aerospace and research and development industries and other local businesses. Their goal was to retain the airfield as a federal joint-use facility under the control of NASA Ames Research Center.

Other suggestions for the base ranged from converting it into a civilian airport to using the site for housing. But those supporting the NASA proposal argued that unlike other bases, the Moffett Field complex was an irreplaceable resource to the nation. The airfield should be retained in order to preserve the unique interdependence that exists between the airfield's federal tenants and users and Silicon Valley industries.

By December 1992, the federal government had made its final decision and the official documents were signed. The stewardship of NAS Moffett Field would be transferred to NASA.

During the past 60 years, NAS Moffett Field has been recognized as a center for innovation in aviation as well as a significant contributor to the nation's defense capabilities. The recent efforts by local businesses and governments – similar in many ways to the regional campaign that led to the creation of Moffett 60 years ago – has ensured that under the direction of NASA the facility will remain a vital and valued resource to the Peninsula and to the nation.

BLUE ANGELS

For many Peninsula residents, the activities at Moffett Field and NASA-Ames have been something of a mystery. One aspect of Moffett life that was never a secret was the regular visit of the Blue Angels during the base's annual air show, traditionally held around July 4th.

The Blue Angels, founded in 1946 by Admiral Chester Nimitz, flew at exhibitions and air shows all over the country during times of peace.

The Navy's elite fliers would travel at 600 miles per hour, at times with wings three feet apart.

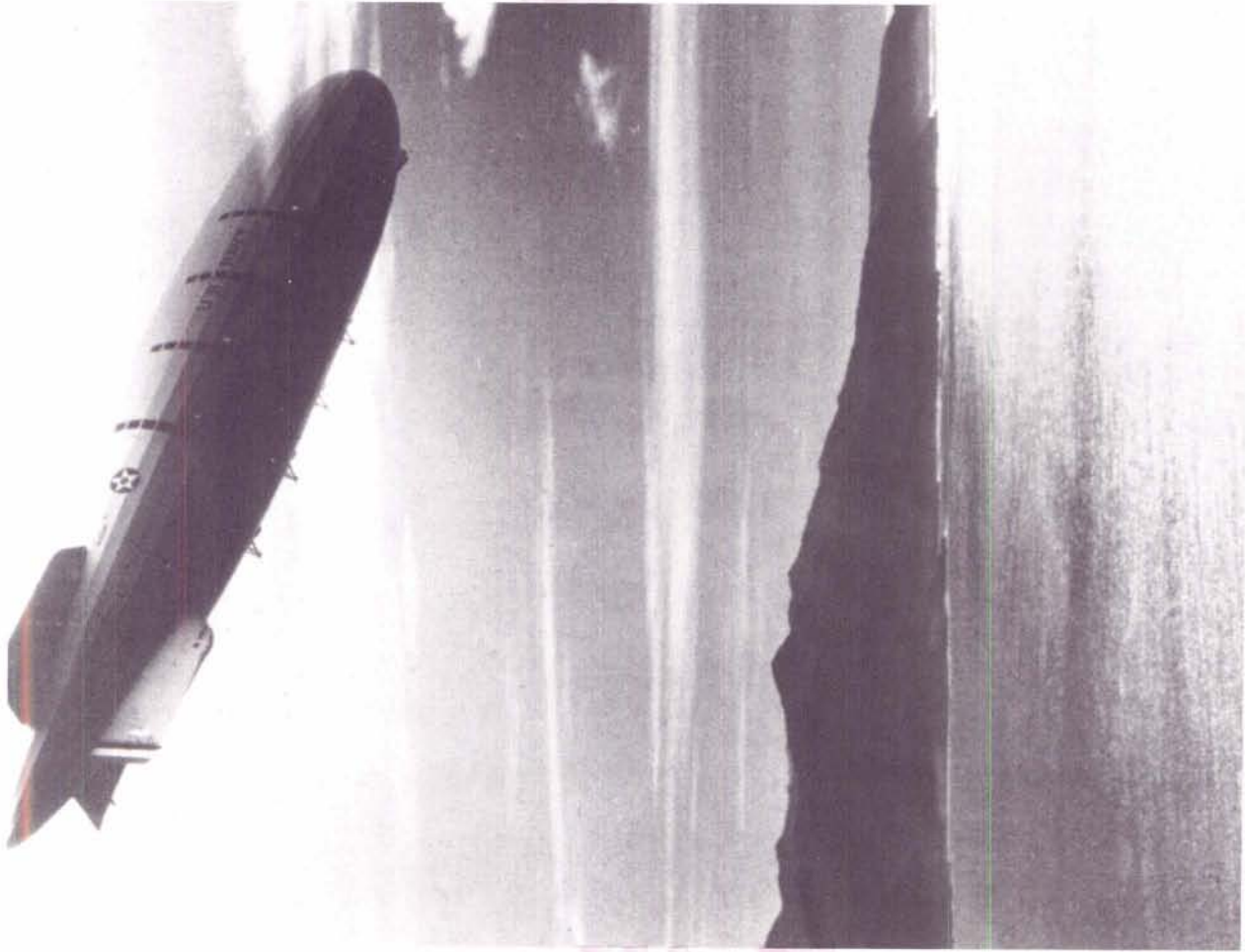
On one weekend in 1992, more than 300,000 people flocked to the base to

observe the planes on display and witness the 45 minutes of speed and synchronized aerobatics. It was the Blue Angels' final performance at Moffett Field.

An airfield crewman watches the Blue Angels perform.



Photo courtesy Peninsula Times-Tribune



The Macon hovers off the California coast, above water that from 1935 to 1990 would hide her whereabouts.

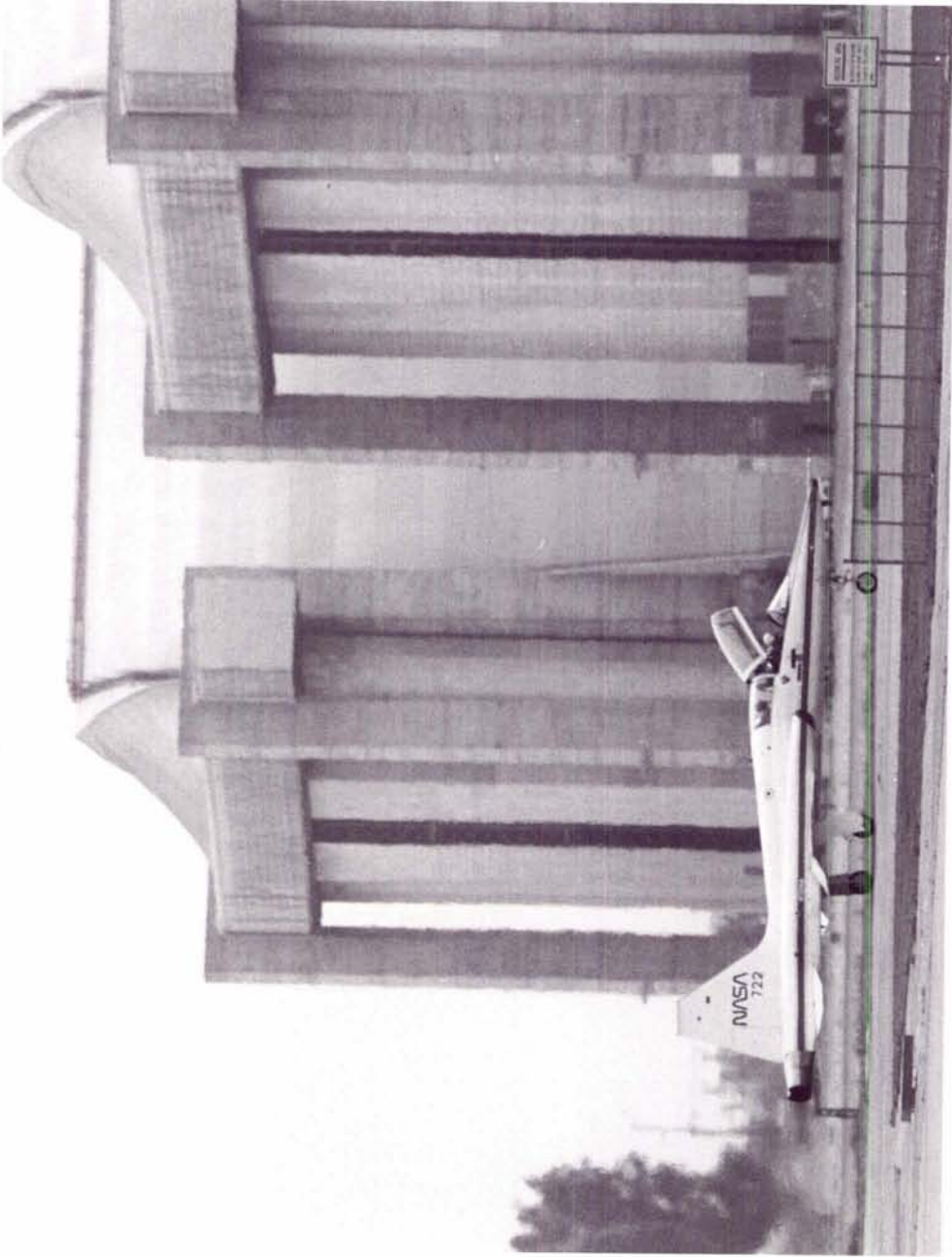
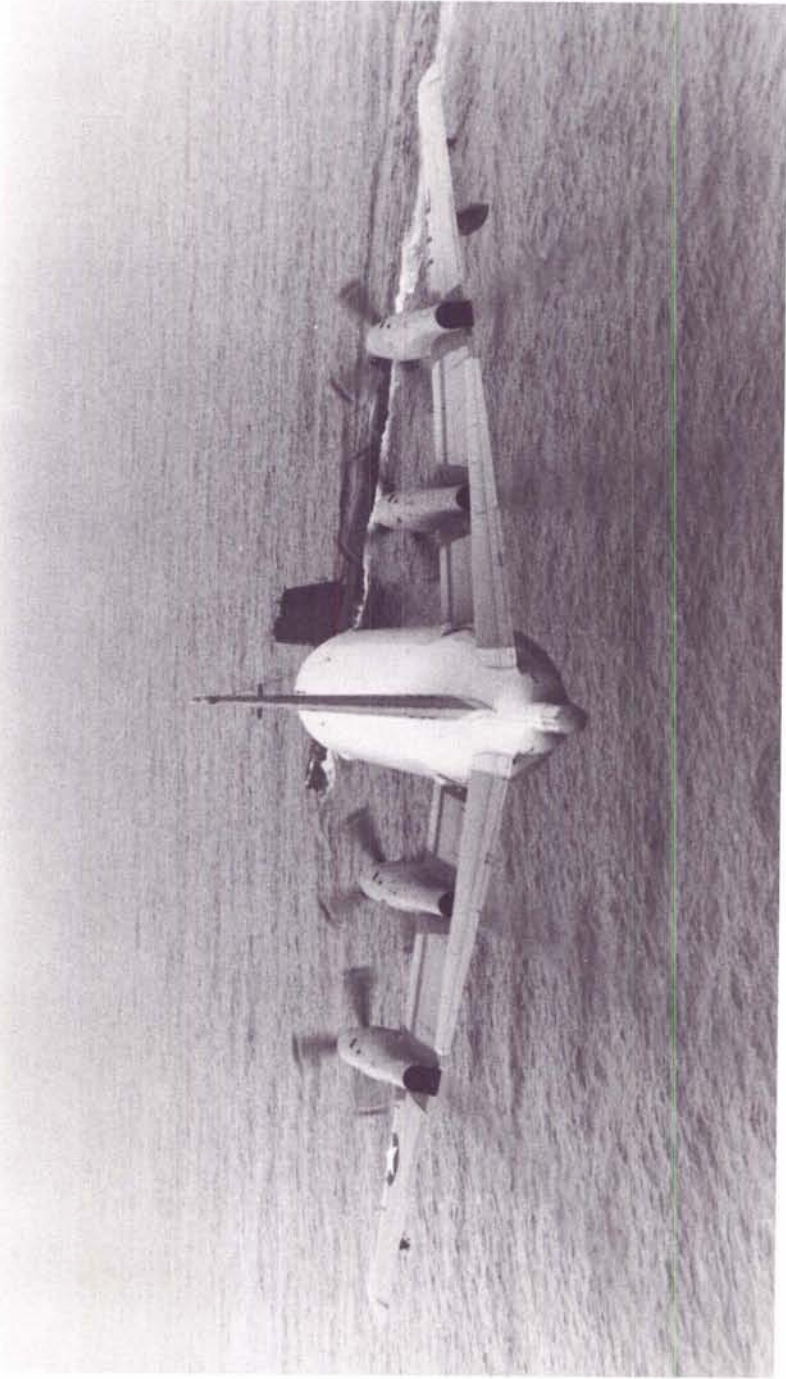


Photo courtesy PennHill Times Tribune

One of NASA's many experimental aircraft taxis for take off in 1991.



In 1962, Moffett became home base for the Navy's fastest antisubmarine aircraft, the P-3 "Orion Hunter."

Cadets had to first qualify in free balloon flight before advancing to the handling of blimps.



Hangar Two and Hangar Three were built quickly in 1943 to meet the LTA program's demand for more space.

and carried from seven to nine crewmen. Each also was armed with depth bombs and other weapons. Unlike the massive dirigibles, the blimps were not equipped with Sparrowhawks. They were, however, stocked with live carrier pigeons, which were used to dispatch messages from on high.

At the "lighter-than-air school" sailors learned everything from how to rig and pilot blimps to how to maintain them. Part of the sailors' training also was the care and feeding of the carrier pigeons.

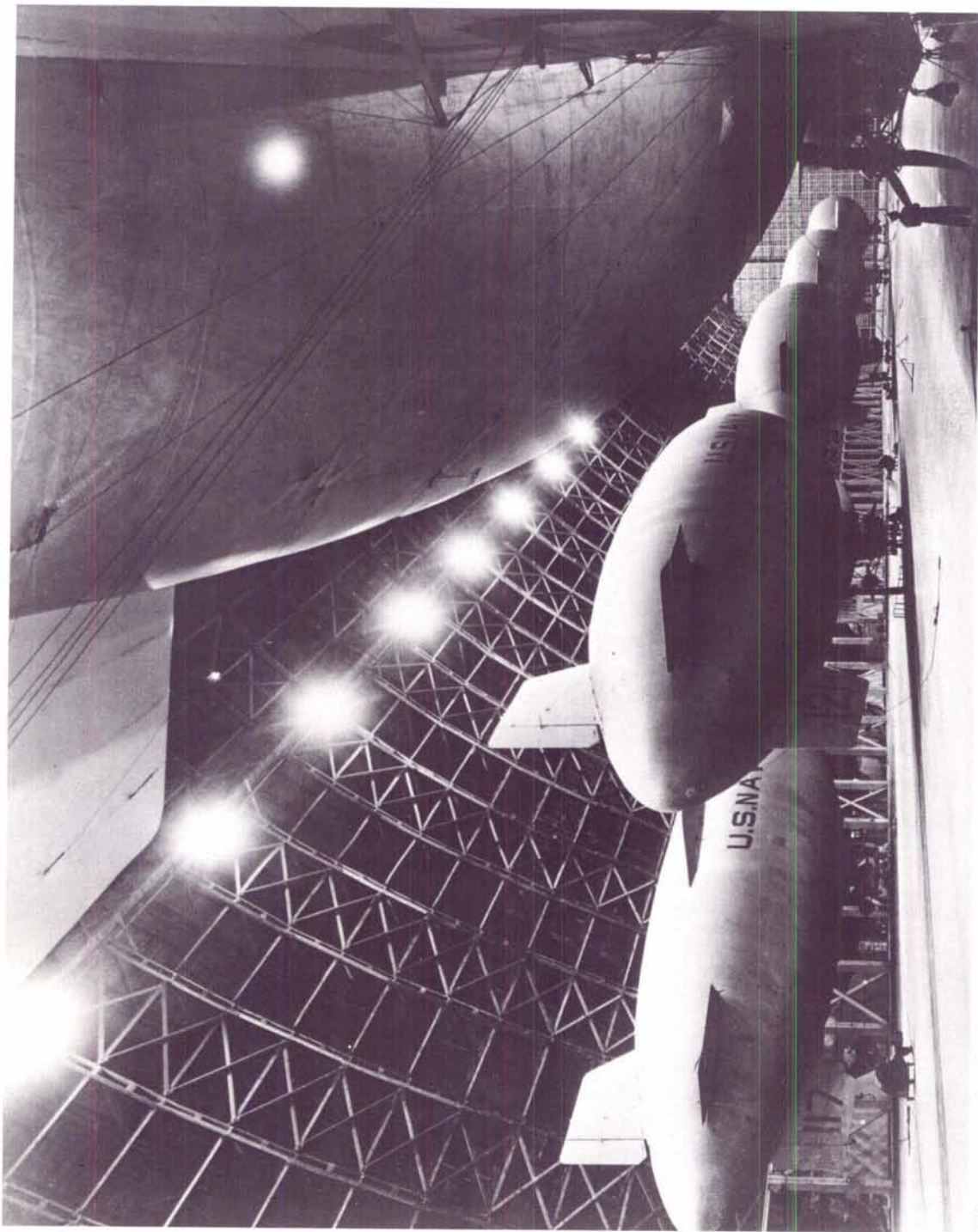
In addition to training pilots, Moffett Field was responsible for patrolling the Pacific coastline.

After the bombing of Pearl Harbor, the fear of a West Coast invasion was

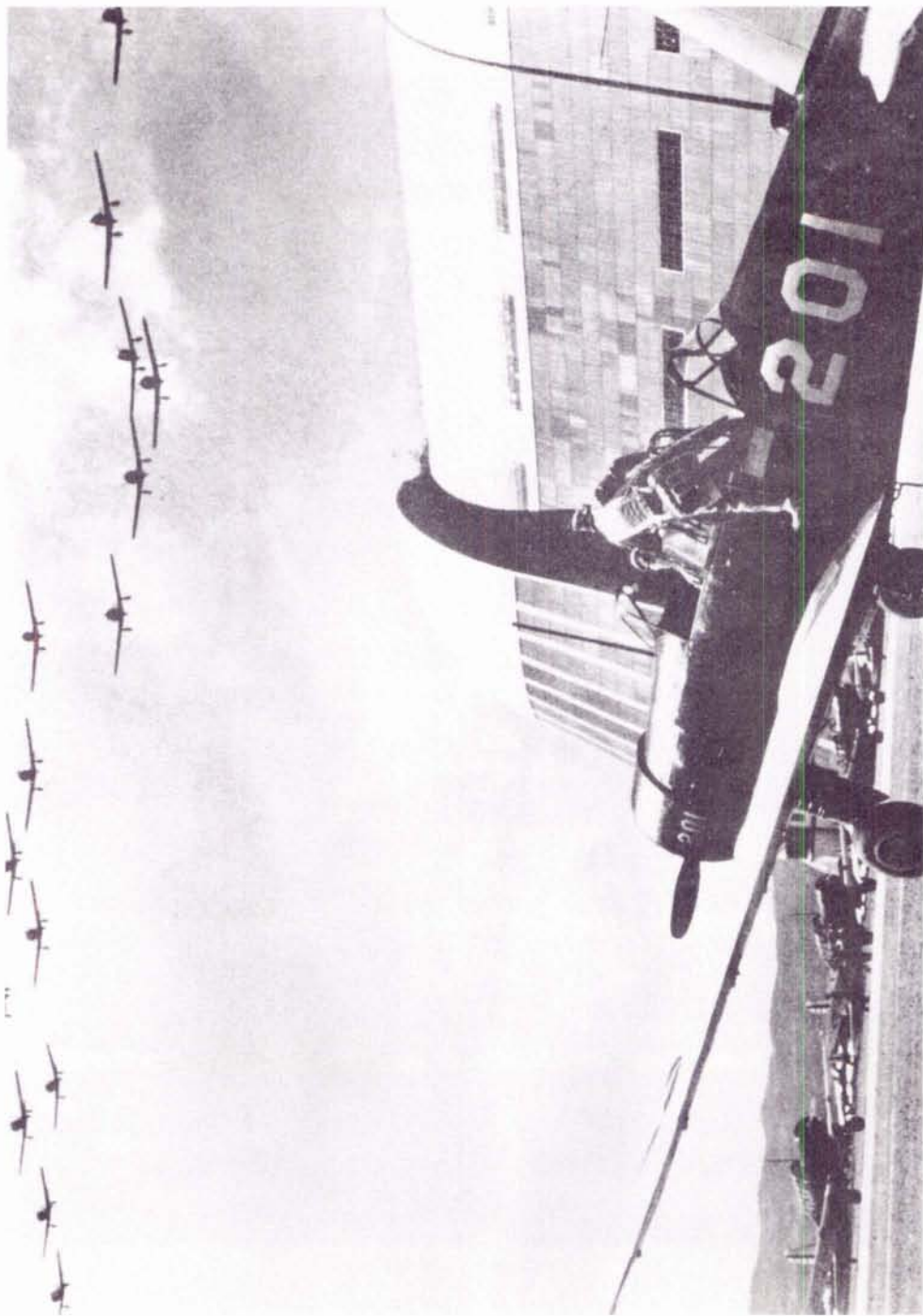
high. Air raid drills and blackouts were as common as false sightings of enemy ships off shore. The patrols of Moffett crews played a critical role in easing the fears of a jittery public.

Moffett's record for ship and mine detection was flawless if not altogether eventful.

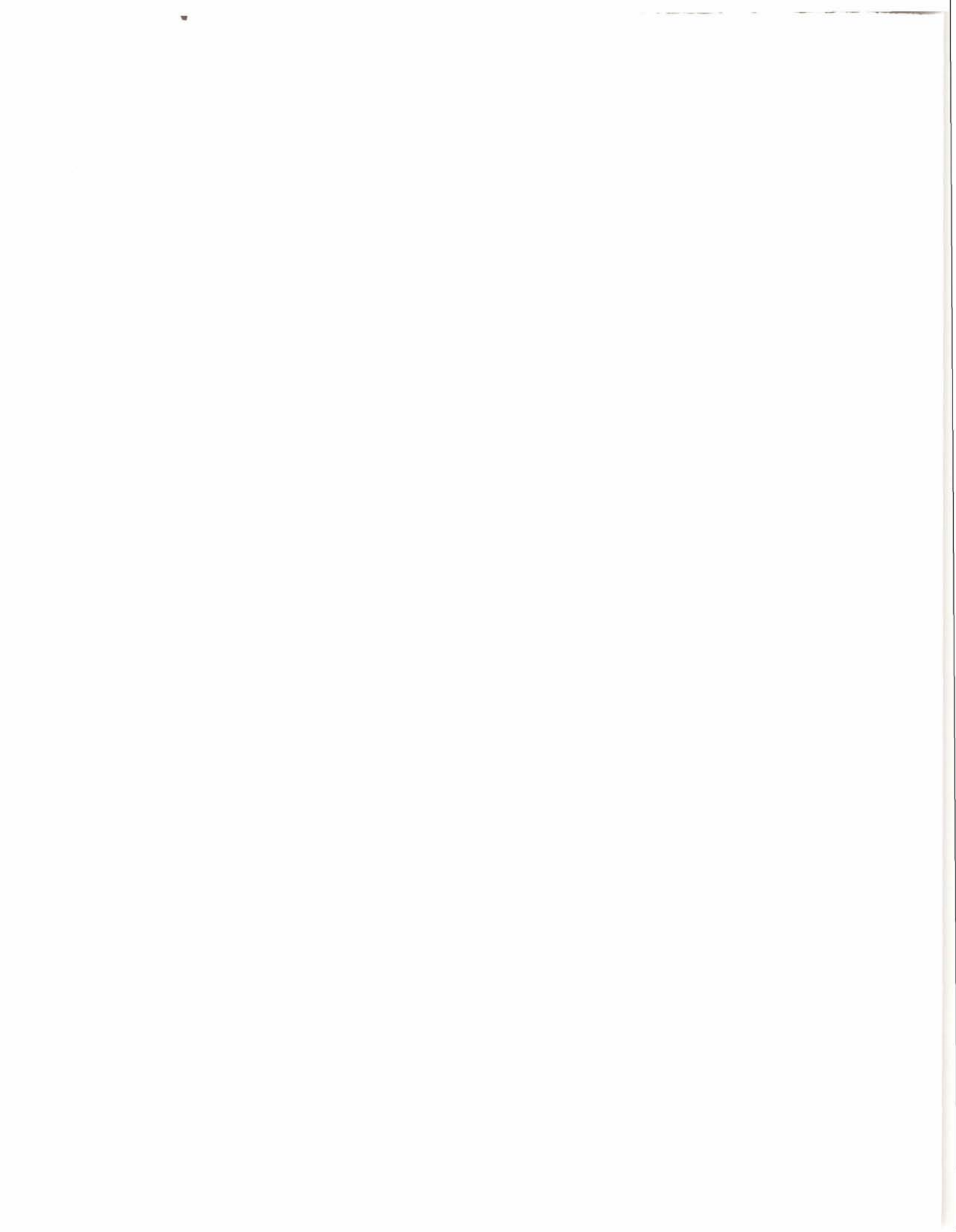
After the initial fear passed, the blimp pilots found a benefit of their patrols other than searching for ships that didn't exist. While scanning the Pacific Ocean, the blimp crews would spot schools of fish and report their locations to fishing fleets in San Francisco and Monterey. The activity became so popular that in January 1944, Moffett began holding official classes for pilots and crew on how to identify and recognize various



Blimps proved valuable in patrolling for enemy ships as well as spotting schools of fish.



In 1936, Moffett Field was a training base for Army Air Corps.





JOINT VENTURE is a dynamic new model of regional rejuvenation. Our vision is to create a community collaborating to compete globally. We are a network of people in business, government, education, and the community who have joined together to provide a neutral forum for tackling regional issues through action-oriented initiatives. **THE ECONOMIC DEVELOPMENT TEAM** of Joint Venture seeks to retain and expand existing firms as well as attract new firms to the region. We are targeting companies from leading export clusters including semiconductor, computer/communications, software, defense/space, bioscience, environmental technologies and other emerging technologies. Our team includes local and state economic-development offices, chambers of commerce, and other businesses and organizations.

THE EXECUTIVE COMMITTEE OF THE ECONOMIC DEVELOPMENT TEAM

Co-Chair Neil Bonke Electroglas, Inc.	Geri Cross City of Sunnyvale	John Neece Building & Construction Trades Council	Bill Sappington Merrill Lynch
Co-Chair John Duncan Pacific Gas & Electric	Darrell Dearborn City of San Jose	Joe Parisi Therma, Inc	John Sobrato, Sr. Sobrato Development Companies
Glenn Barber Apple Computer, Inc.	Ann Draper City of Fremont	Steve Tedesco San Jose Chamber of Commerce	Katherine Strehl Lockheed Missiles & Space Co.
Suzanne Collings Pacific Bell	Don Beck Don L. Beck Associates	Carl Guardino Santa Clara Valley Manufacturers Group	
	Andrew Kerr Bank of America		

STAFF

Connie Martinez
Executive Director
Economic Development Team

Sharon Huntsman
Program Assistant
Economic Development Team

You can reach the Economic Development
Team at 1-800-573-JVSV.

ATTITUDE MATTERS AND COLLABORATION WORKS. *The Economic Development Team of Joint Venture: Silicon Valley Network is dedicated to improving the business climate of the Valley. Local and state government officials, chambers of commerce, service organizations, business and economic-development professionals are working together to remove obstacles that could get in your way.*

Encouraged by a New Attitude

OUR SUCCESS DEPENDS ON YOUR SUCCESS. You are our customers and we want to be part of your “time-to-market” advantage. We are building a network of resources to help you grow your business in Silicon Valley. We are working together to cut red tape and solve problems collaboratively. We are streamlining our local permit processes. We are listening to who you are, where you are going and what you need to get there. And we have “Smart Teams” of experts ready to help you. **WE APPRECIATE YOUR BUSINESS.** Companies, like yours, strengthen Silicon Valley’s economic foundation and provide the promise of a bright future. Working together, we can build a 21st Century community. If your company was born here, or grew up here, let us help you stay and grow in the Valley. If your company is from outside the region, and could benefit from what this Valley has to offer, let us help you make it your new home.

OUR BOTTOM LINE... We want your business.

OUR BUSINESS INFRASTRUCTURE SUPPORTS GROWTH. *From product packaging to transportation systems, Silicon Valley companies have access to what it takes to reach growing and ever-changing markets. And the markets are responding.*

Positioned to Succeed

EXPORTS ARE BOOMING. Proximity to the Pacific Rim and the global competitiveness of Silicon Valley's products have caused our exports to double in recent years. With less than 10% of California's population, Silicon Valley accounts for 32% of the state's exports. The emerging Latin American market strengthens our export position even more.

HIGH-TECHNOLOGY SUPPLIERS PROVIDE SPEED AND FLEXIBILITY. Silicon Valley's supplier base—materials, components, specialized services, equipment manufacturing, and more—is unmatched in the world. Superior high-technology suppliers allow you to adjust to change and move quickly—traits that typify the Silicon Valley culture.

CAPITAL FUELS CORPORATE GROWTH. If technology, talent, and spirit are the engine of the 21st Century economy, capital is its fuel, and Silicon Valley attracts capital. Between 1990 and 1995, public-equity and debt markets provided our high-technology firms with over \$9.9 billion in market financing.

THE BOTTOM LINE. Silicon Valley's unique access to talent, capital, markets, and suppliers positions your company for success and strengthens your bottom line.

ENTREPRENEURS CAN'T DO IT ALONE. *Companies, big and small, are made up of people, and Silicon Valley people make all the difference. From engineering to the building trades, a well-educated and highly skilled labor force with a strong work ethic makes realizing the dream possible.*

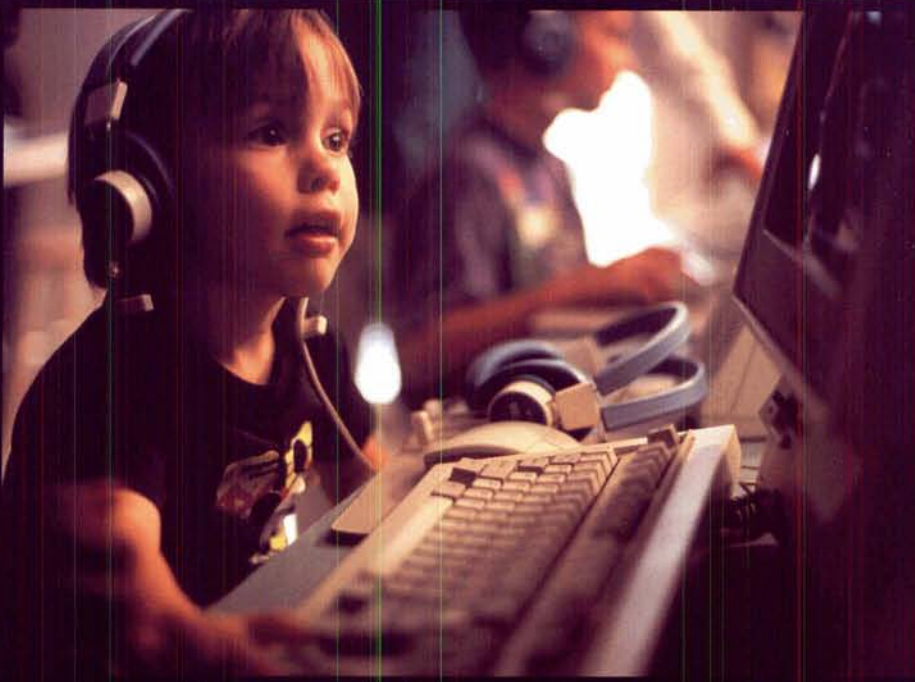
Powered by Knowledge and Talent

PRODUCTIVITY COUNTS. Silicon Valley is the most productive technology-based region in the country. Value added per manufacturing worker is nearly one-third higher than our closest competition and twice the national average. Our work force is skilled at accelerated product development and manufacturing.

OUR BRAIN POWER DELIVERS. We are home to world-acclaimed universities, nationally recognized community colleges and trade schools, Nobel Prize winners, and think tanks. We have an unmatched talent pool of scientists, engineers, and designers teamed with computer programmers, electronic technicians and assemblers, systems analysts, and more. Silicon Valley has the skills to build high-technology facilities and the brain power to run them.

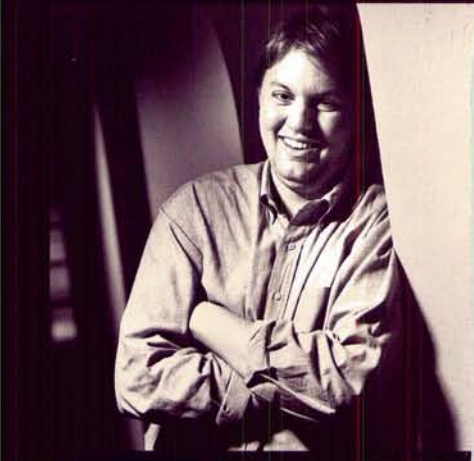
DIVERSITY IS AN ASSET. "I have a dozen or more languages spoken within Electroglas," says Neil Bonke, CEO. "When I need the inside perspective on doing business in a foreign region, chances are that I have that inside perspective within the company. The diversity of Silicon Valley gives us a competitive advantage in the global marketplace."

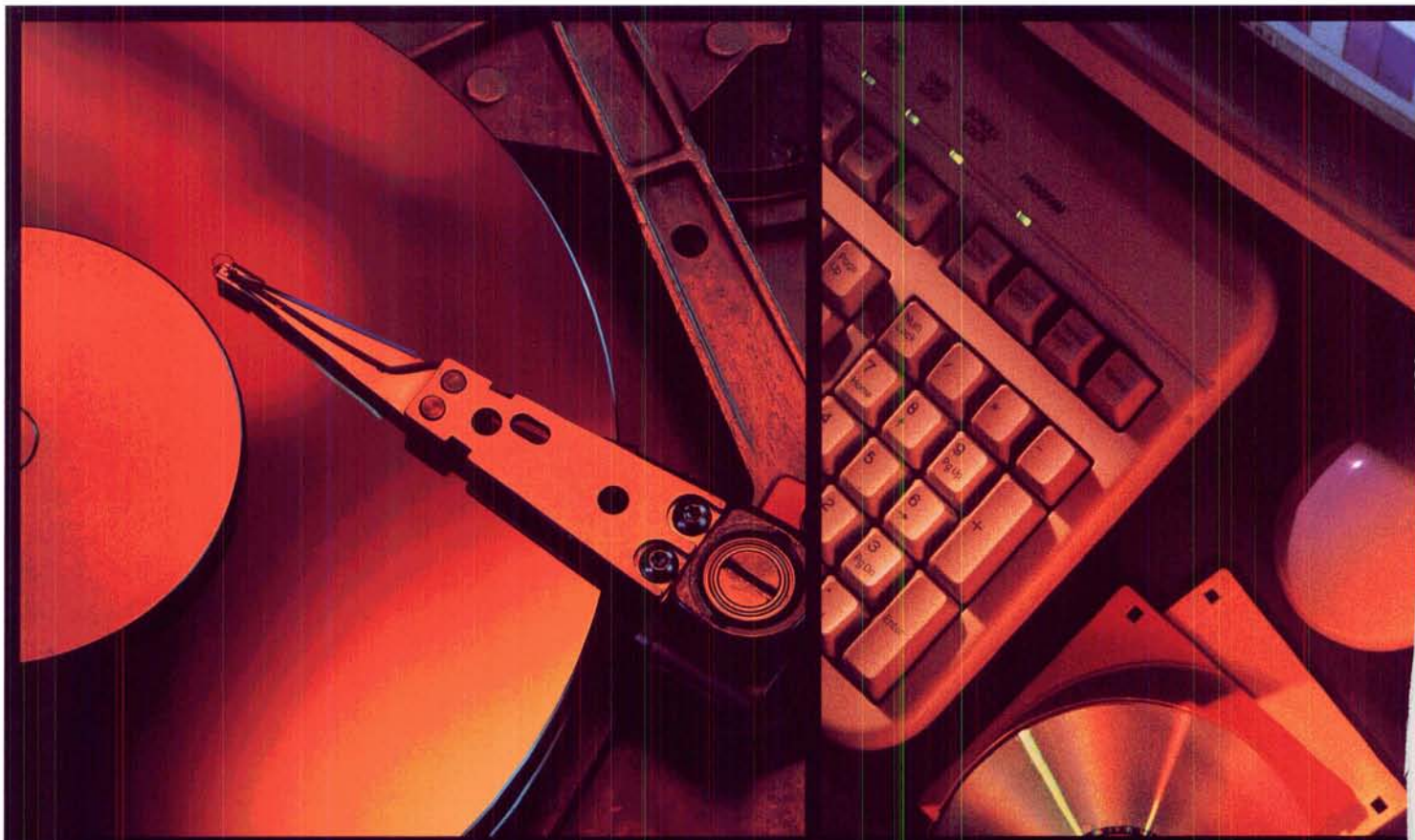
THE BOTTOM LINE. Silicon Valley's knowledgeable, talented, and diverse workforce increases productivity, and productivity improves your bottom line.



"Silicon Valley fosters a unique environment that makes starting a company seem like a natural thing to do: it's got the people, the venture capital, the infrastructure, and the creative energy to turn ideas into successful businesses. When I was in the Midwest, I couldn't imagine starting a company because I wouldn't know where to begin. Here, it's an ordinary occurrence. Many places around the country may try to imitate the Valley, but none of them comes close."

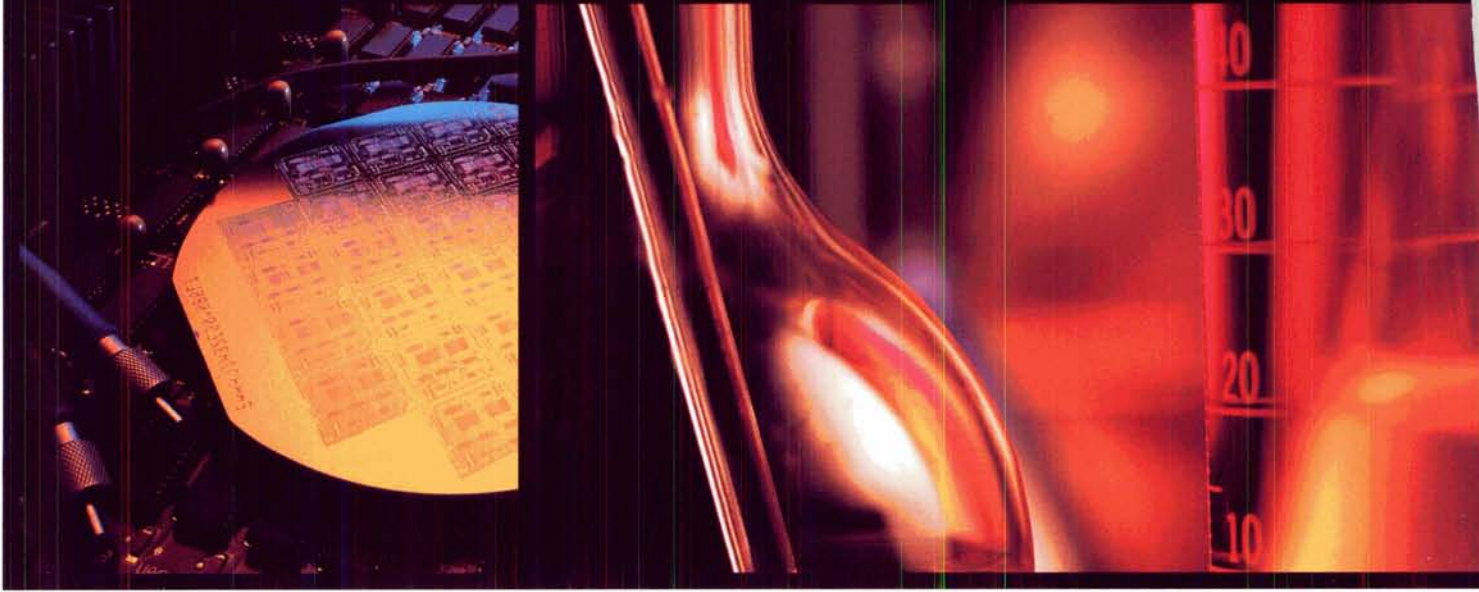
MARC ANDREESSEN Founder and Vice President of Technology
Netscape Communications Corporation





"Other regions may have one or two high-technology industries, but nowhere else in the world will you find the breadth and depth of technical knowledge and expertise you can find in Silicon Valley. There is an advantage found in the critical mass of firms located here—from research institutes to contract manufacturers—that makes it possible to create leading-edge technology."

LEWIS PLATT Chairman, President, and Chief Executive Officer
Hewlett-Packard





San Francisco
Silicon Valley

Los Angeles

Silicon Valley

- | | | |
|-------------------|------------------|------------------|
| 1 Campbell | 9 Menlo Park | 17 San Jose |
| 2 Cupertino | 10 Milpitas | 18 Santa Clara |
| 3 East Palo Alto | 11 Monte Sereno | 19 Saratoga |
| 4 Fremont | 12 Morgan Hill | 20 Scotts Valley |
| 5 Gilroy | 13 Mountain View | 21 Stanford |
| 6 Los Altos | 14 Palo Alto | 22 Sunnyvale |
| 7 Los Altos Hills | 15 Redwood City | |
| 8 Los Gatos | 16 San Carlos | |

***Moffett Field Complex
Community Presentation to
BRAC 95
Commissioners & Staff***



HALL

CALIFORNIA

CONTINUED

Onizuka & Moffett

4:55PM - 6:05PM

70 Minutes Congresswoman Anna Eshoo

Ms. Robin N. Parker, Councilmember,
Sunnyvale, CA

Mayor Barbara Waldman, Sunnyvale, CA

Mayor Patricia Figueroa, Mountain View, CA

Mr. John Kitching
President, Sunnyvale Ch. of Commerce

Mr. John McMahon
Former Deputy Director, CIA

Mr. Tapan Munroe
Chief Economist, Pacific Gas & Electric

Mrs. Katherine Strehl
Manager of Public Affairs, Lockheed
Martin

Briefing Outline

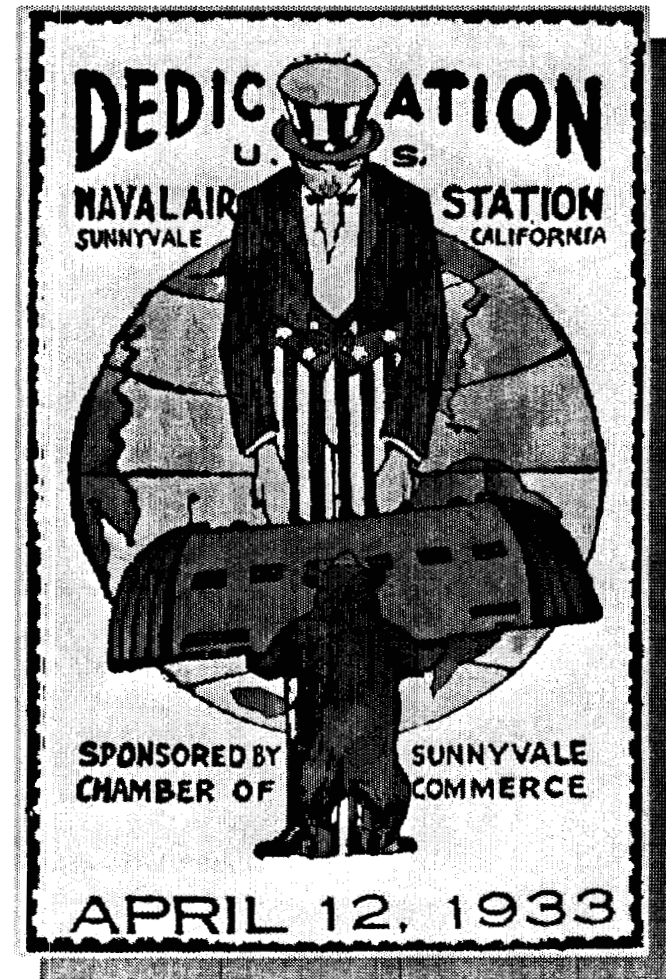
◆ Introduction

- ◆ Moffett Field Complex
- ◆ Air Force Recommendations
- ◆ Onizuka Air Station
 - National Security
 - Military Value
 - COBRA Analysis
 - Alternative Proposal
- ◆ 129th Rescue Group (RQG)
 - Military Value
 - COBRA Analysis
 - National Security
- ◆ Summary and Conclusions



Briefing Outline

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- ◆ **Moffett Field Complex**
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Moffett Field Complex
Center of America's
Aerospace Industrial Base

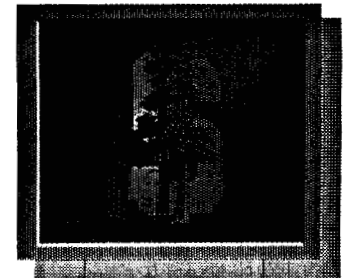




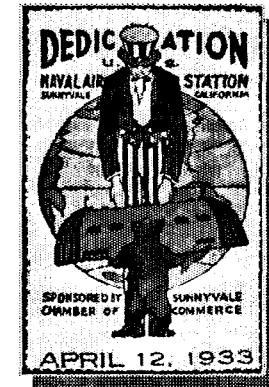
Moffett Field Complex



- ◆ **Moffett Federal Airfield**
- ◆ **Onizuka Air Station**
- ◆ **NASA Ames Research Center**
- ◆ **Aerospace and High Technology Industries**
- ◆ **Bay Area Universities**



Moffett Field Complex

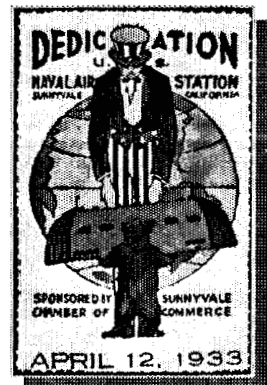


Moffett Federal Airfield

- ◆ Approximately 1,500 acres
- ◆ 3.5 million square feet of facilities
- ◆ Two runways of 9,200 and 8,100 feet capable of accommodating the largest military transport aircraft
- ◆ All-weather capability / controlled airfield
- ◆ 129th Rescue Group (RQG) – CANG
 - Key aviation tenant at the airfield
 - Air Guard Search & Rescue Mission
 - Provides manpower for the Moffett Federal Airfield's Crash, Fire and Rescue; and Air Traffic Control operations



Moffett Field Complex



Onizuka Air Station

- ◆ **Air Force Space Command (750th Space Group): Satellite Command and Control Network**
- ◆ **Space & Missile Systems Center (Detachment 2): Research, Development, Test & Evaluation of Pre-Operational Spacecraft**
- ◆ **Classified Tenants**



Moffett Field Complex

NASA Ames Research Center



- ◆ Center for National Rotorcraft and Powered – Lift Flight Research
- ◆ Research Center for Aeronautics, Space, Life and Earth Sciences
- ◆ Custodian of Moffett Federal Airfield



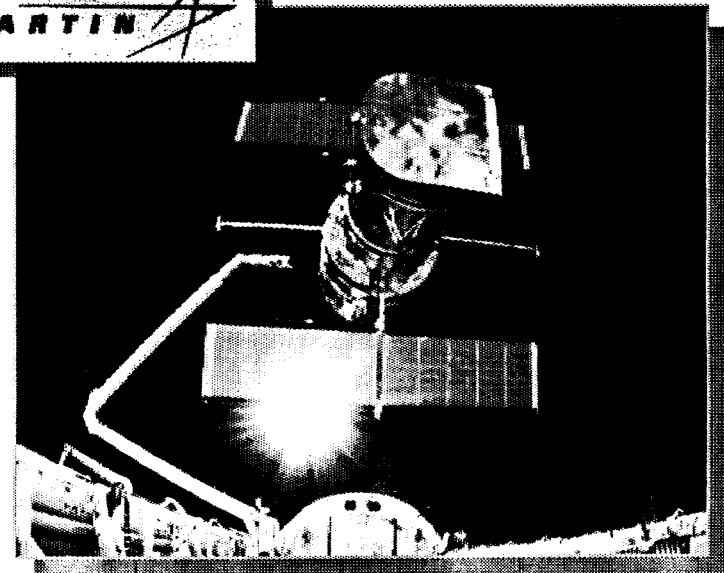
Moffett Field Complex

Aerospace and High Technology Industries



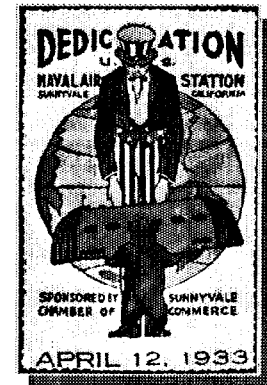
- ◆ Lockheed Missiles & Space Company
- ◆ TRW
- ◆ Loral
- ◆ Silicon Graphics
- ◆ Trimble Navigation

LOCKHEED MARTIN

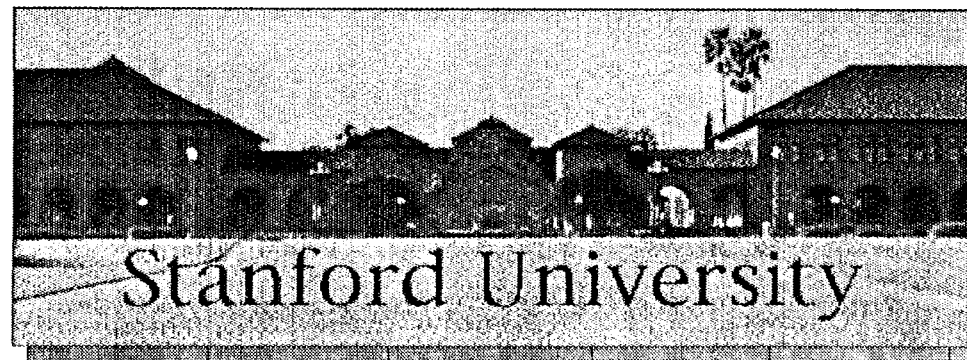


Moffett Field Complex

Bay Area Universities



- ◆ **Close proximity**
- ◆ **Direct contribution to educational and professional development of engineers / scientists; and conduct of research initiatives, etc.**
- ◆ **Stanford, U.C. Berkeley, San Jose State, Santa Clara, etc.**



Moffett Field Complex

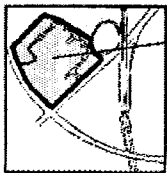
NASA AMES
RESEARCH
CENTER

MOFFETT
FEDERAL
AIRFIELD

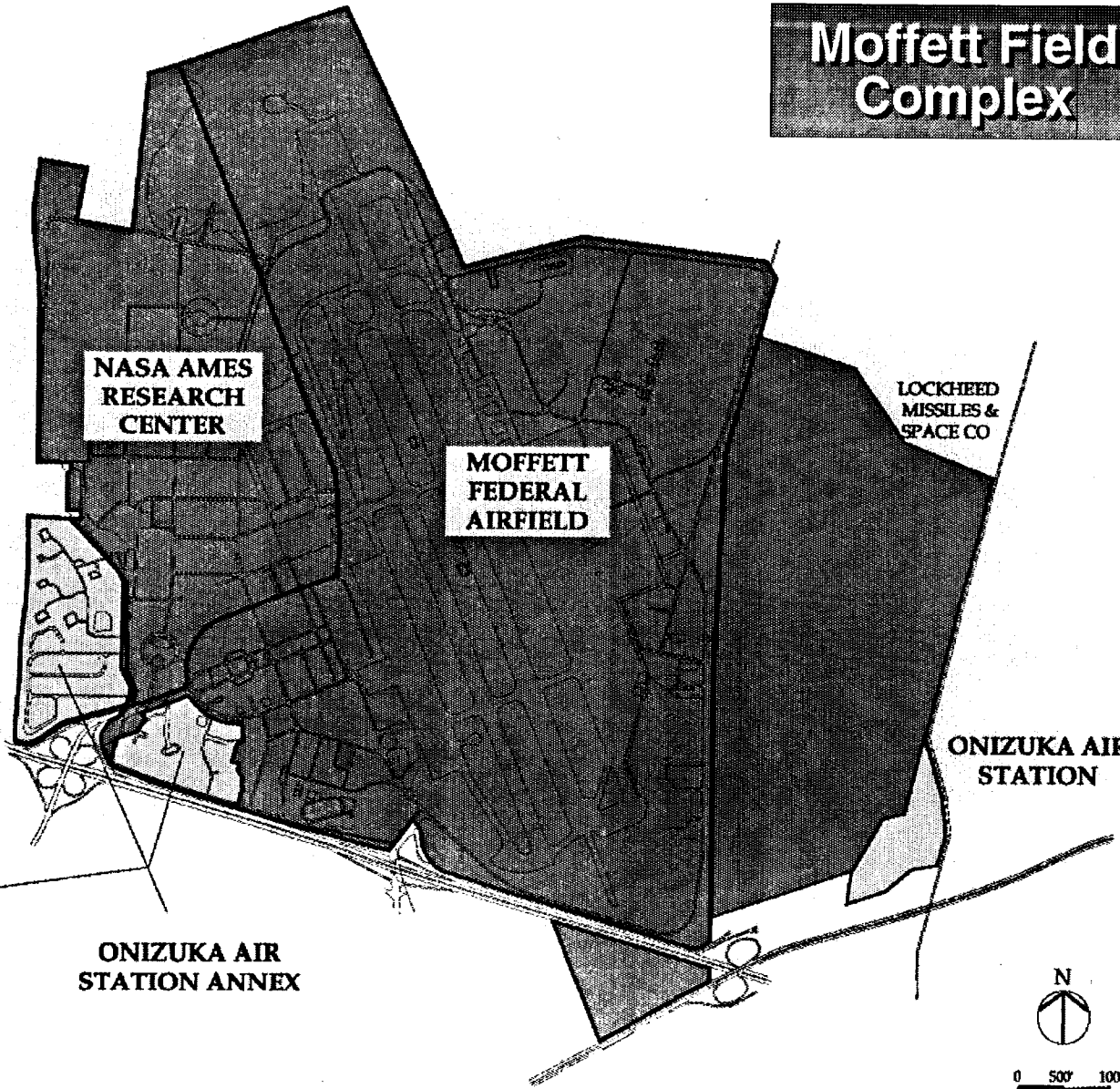
LOCKHEED
MISSILES &
SPACE CO

ONIZUKA AIR
STATION

ONIZUKA AIR
STATION ANNEX



0 500' 1000'



Briefing Outline



- ◆ Introduction
- ◆ Moffett Field Complex
- ◆ Air Force Recommendations
- ◆ Onizuka Air Station
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DEPARTMENT OF DEFENSE

BASE CLOSURE

AND

REALIGNMENT

REPORT

March 1990

Air Force Recommendations



Onizuka Air Station (OAS)

◆ Recommendations

- Realign OAS
- Inactivate the 750th Space Group
- Relocate 750th functions to Falcon AFB
- All activities and facilities associated with the 750th will close (family housing/clinic)
- Detachment 2, Space and Missiles Systems Center will relocate to Falcon AFB

◆ Justification

- Single Node versus Dual Node
- OAS ranked lower in Military Value than Falcon AFB
- Significantly higher closure costs at Falcon AFB

◆ Return On Investment

- Estimated one – time cost to implement: \$124.2 million
- ROI: Expected in eight (8) years

Onizuka Air Station



- ◆ **National Security Implications**
- ◆ **Military Value Analysis**
- ◆ **Flawed Air Force Analysis**
- ◆ **Alternative Realignment Proposal**

Air Force Recommendations



Moffett Federal Airfield Air Guard Station

◆ Recommendation

- Close Moffett Federal Airfield Air Guard Station
- Relocate 129th RQG and associated aircraft to McClellan AFB

◆ Justification

- Costs to the Air National Guard for Moffett Federal Airfield operations have risen significantly
- Costs can be avoided if unit moved to an active duty airfield

◆ Return on Investment

- Estimated one – time cost to implement: \$15.2 million
- ROI: Expected in four (4) years

129th Rescue Group (RQG)



- ◆ **Military Value Analysis**
- ◆ **COBRA Analysis**
- ◆ **Recommended Course of Action**

Briefing Outline



- ◆ Introduction
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- ◆ Air Force Recommendations

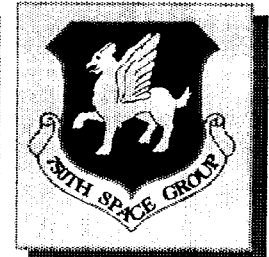
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Onizuka Air Station



◆ National Security Implications

◆ Military Value Analysis

◆ Flawed Air Force Analysis

◆ Alternative Realignment Proposal

Onizuka Air Station



National Security Implications / Operational Requirements

- ◆ **Redundancy (Dual Node vs. Single Node)**
 - **Mission Objective**
 - **Mission Requirements**
 - **Security Requirements**
 - **External / Environmental Threats**
 - **Need for Back-up**
 - **Air Force Policy Directive**



Onizuka Air Station



◆ Redundancy (Dual Node vs. Single Node)

– Mission:

Mission objective is to provide vital support from space during peace and throughout all levels of conflict with a robust, flexible, responsible and enduring satellite control capability.



Onizuka Air Station



- ◆ **Redundancy (Dual Node vs. Single Node)**
 - **Mission Requirements:**
 - **Standardized space / ground segment datalinks**
 - **Data processing elements**
 - **Interfaces**
 - **Support infrastructure**
 - **Secure communications**
 - **Data dissemination connectivity**
 - **Back-up resources to eliminate single failure points**

Onizuka Air Station



◆ Redundancy (Dual Node vs. Single Node)

– Security Requirements

- Highest degree
- Multi – Level
- Redundancy

– External / Environmental Threats

- Protestors
- Terrorists
- Natural disasters



Onizuka Air Station



- ◆ **Redundancy (Dual Node vs. Single Node)**
 - **Back – Up Required**
 - **Critical national assets**
 - **Continuous / Uninterrupted control capability**
 - **Air Force Policy Directive**
 - **January 30, 1995**
 - **Back – up satellite control capability**
 - **Geographical separation required**

Onizuka Air Station



◆ National Security Implications

◆ Military Value Analysis

◆ Flawed Air Force Analysis

◆ Alternative Realignment Proposal

Onizuka Air Station



Military Value Analysis

- ◆ **Unauditable Due To Secret Ballot By BCEG**
- ◆ **Air Force Relied On "Military Judgment"**
- ◆ **Undocumented Approach Put Falcon In Tier I and Onizuka in Tier III**
- ◆ **GAO Faulted This Approach**
- ◆ **Makes Commission's Independent Assessment Difficult**
- ◆ **Commission's Independent and Thorough Review Is Crucial**



Onizuka Air Station



Military Value Analysis – Satellite Control Operations

- ◆ **Mission Capacity (Future Mission Projection)**
 - **Unidentified 75% Reduction In Future Missions**
 - **No Reason To Assume Reduction Based On Current Total Capacity**
 - **Were Tenant Activities The Source Of This Reduction?**

Onizuka Air Station



Military Value Analysis – Satellite Control Operations

- ◆ **Mission Capacity (Core Mission Capable)**
 - Onizuka has 23 CPUs of data processing power, Falcon has 13 CPUs
 - Onizuka has 36 satellite control points, Falcon has 21 control points
 - Onizuka has 100% of bandwidth capability benchmark, Falcon has 30%
- ◆ **Onizuka clearly superior on relevant mission capacity scoring subelements**
- ◆ **Realigning to Falcon AFB which does not have Core Capacity**

Onizuka Air Station

Military Value Analysis – Facilities and Infrastructure



- ◆ **Mission Capacity (Unique Facilities)**
 - **Air Force Questionnaire Lists None**
 - **Onizuka Has Several Unique Facilities**
 - Including:**
 - **Data Link Terminal**
 - **Camp Parks Calibration Facility**
 - **Communication Connectivity**
 - **DSCS Heavy Terminal**
 - **Classified Programs**
 - **Space Ops Center 37 (Test Support)**

Onizuka Air Station



Military Value Analysis – Facilities and Infrastructure

- ◆ **On-Base Housing**
 - **Onizuka Annex has Moffett Housing Area**
 - **Falcon Has No On-Base Housing**
 - **Falcon Received (Green –) and Onizuka Received (Yellow +)**
 - **Scoring Is Flawed**

Onizuka Air Station



Military Value Analysis – Facilities and Infrastructure

◆ Air Quality

- **Weighted 40% (Highest In Subcategory)**
 - **Not Relevant – No Flight Operations**
 - **No Impact On Satellite Control**
- **Onizuka Scored Red on "Restrictions Element", Although No Operational Impact**

Onizuka Air Station

Military Value Analysis



◆ Summary

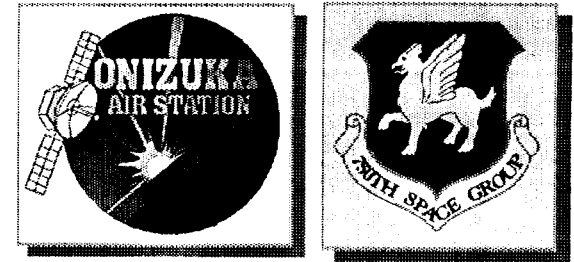
- Onizuka Now Handles Majority of Contacts
- 750th Synergy With Tenants
- Current Location Permits Critical Contractor Support
 - Expertise In Communications, Computing Systems Space Vehicles (Satellites and Boosters)

Onizuka Air Station



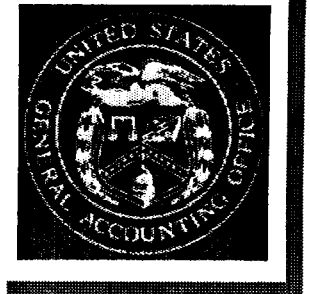
- ◆ National Security Implications
- ◆ Military Value Analysis
- ◆ Flawed Air Force Analysis
- ◆ Alternative Realignment Proposal

Onizuka Air Station

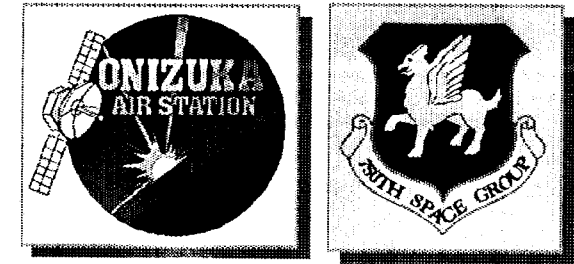


Flawed Air Force Analysis

- ◆ **Air Force Violated DoD BRAC Guidance From Start of Process**
 - Air Force Report
 - Hearing Transcript
- ◆ **Subjective Nature of Decision Process**
- ◆ **Documentation Too Limited for GAO to Substantiate**
- ◆ **Evidence from GAO Supports Conclusion That Rating Was Arbitrary**

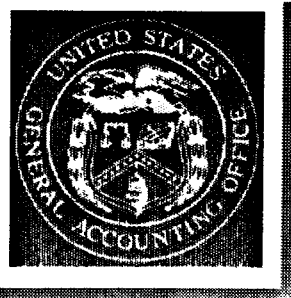


Onizuka Air Station



Flawed Air Force Analysis

- ◆ **Air Force Savings Shifted As Costs To Other Federal Agencies**
- ◆ **GAO Recommendation to Commission**
 - **Have DoD Identify Closure and Realignment Costs / Savings That Affect Other Federal Agencies**



Onizuka Air Station



Flawed Air Force Analysis

◆ Air Force COBRA Analysis

- Exaggerated prediction of \$10 million RPMA / BOS savings out of \$14 million current level, even though base stays open
- RPMA savings estimate is 100% of costs
- Inclusion of unrelated National Test Facility included in cost of closing Falcon – approximately 35% of cost
- Early consideration of these costs biased closure analysis against Onizuka

Onizuka Air Station



Flawed Air Force Analysis

◆ Air Force COBRA Analysis

- COBRA figures revised at least 5 times
 - Each new estimate increasingly justified realignment
- Cost of realignment dropped from \$290.6 million to \$124 million in three months

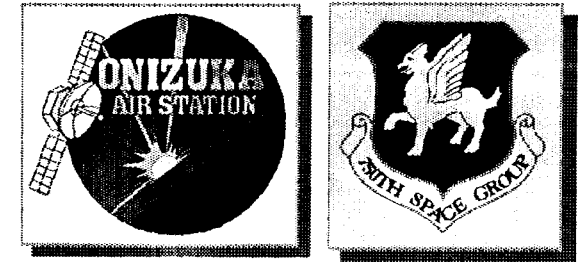
Onizuka Air Station



Flawed Air Force Analysis

- ◆ **Air Force COBRA Analysis / Military Construction**
 - **Cost of moving tenants is ignored although 750th realignment will cause movement of tenants**
 - **Full cost of closure is at least \$250 million**
 - **Payback would be close to 20 years**

Onizuka Air Station



Flawed Air Force Analysis

- ◆ **Air Force COBRA Analysis / Infrastructure**
 - **Falcon does not have capability to handle all core operations**
 - **No Consideration Of “Switch” and related equipment costs required at Falcon**
 - **Cost = approximately \$100 million**

Onizuka Air Station



- ◆ National Security Implications
- ◆ Military Value Analysis
- ◆ Flawed Air Force Analysis
- ◆ Alternative Realignment Proposal

Onizuka Air Station



Alternative Realignment Proposal

- ◆ **Realign to Moffett Federal Airfield Not Falcon AFB**
- ◆ **Commercial Utilization of Available Capacity**
- ◆ **Integrity of Moffett Complex**



Onizuka Air Station



Alternative Realignment Proposal

- ◆ **Realign To Moffett Federal Airfield**
 - Available Space/Mission Expansion
 - Significant Cost Savings (MILCON, Moving, Leases(\$400K–\$500K per year), Training, etc.)
 - Preserves Redundancy
 - Preserves Highly Skilled Workforce
- ◆ **Commercial Utilization of Available Capacity**
 - “Network of Choice”
 - Commercial Joint Ventures
 - Will generate revenue to reduce operational costs (\$5B to \$20B potential in next 4–5 years)
- ◆ **Integrity of Moffett Field Complex**
 - Irreplaceable Resource
 - Significant National Asset
 - Cornerstone of America’s Space Industrial Base

Briefing Outline



- ◆ Introduction
- ◆ Moffett Field Complex
- ◆ Air Force Recommendations
- ◆ Onizuka Air Station
 - National Security
 - Military Value
 - COBRA Analysis
 - Alternative Proposal

- ◆ 129th Rescue Group (RQG)
 - Military Value
 - COBRA Analysis
 - National Security

- ◆ Summary and Conclusions



129th Rescue Group (RQG)



◆ Military Value Analysis

◆ COBRA Analysis

◆ Recommended Course of Action

129th Rescue Group (RQG)



Air Force Military Value Analysis

- ◆ **No Evidence of Completed Military Value Analysis Prior To Air Force Recommendation**
- ◆ **No Improvement In Military Value Claimed**
- ◆ **Military Value Improvement Should Be Test Of Closure / Realignment per OSD Guidance**
- ◆ **Move to McClellan Reduces Space By 220,000 Square Feet**
- ◆ **Current Moffett Facilities Are 1980's Vintage, McClellan Facilities 1950's Vintage**

129th Rescue Group (RQG)

Air Force Military Value Analysis



- ◆ **Fails Military Value Test**
- ◆ **McClellan Operates Airfield 2 Hours Less Per Day Than Moffett**
- ◆ **Typically More Ground Fog (Thule Fog) At McClellan**
- ◆ **Both Reduce Military Value Of McClellan To 129th**

129th Rescue Group (RQG)



◆ Military Value Analysis

◆ COBRA Analysis

◆ Recommended Course of Action

129th Rescue Group (RQG)



Air Force COBRA Analysis / MILCON

- ◆ **Original Site Survey Estimated \$20M MILCON at McClellan**
- ◆ **Base Closure Executive Group Arbitrarily Eliminated Several Facilities:**
 - **Flying Squadron Operations: -\$6.4M**
 - **Unit Supply Facility: -\$2.8M**
 - **Trade for Buildings 877/878: -\$1.4M**
- ◆ **Post – BRAC Survey Recently Completed (Not Released)**

129th Rescue Group (RQG)



Air Force COBRA Analysis / Reimbursement

- ◆ **Savings Of \$4.75M Annually Claimed For Move; However,**
- ◆ **Moffett Fully Reimburses Cost Of 129th RQG (i.e. Security, Fire, Crash Rescue, Air Traffic Control, Maintenance Services, etc.)**
- ◆ **Cost Differential Needs To Exceed \$8 Million To Generate Claimed Savings**

129th Rescue Group (RQG)



Air Force COBRA Analysis / Labor Costs

- ◆ **Basis For Savings – Elimination of 19 Jobs;
However,**
- ◆ **CANG Reimbursed For 59 Jobs By Moffett
Tenants**
- ◆ **40 Equivalent Positions At McClellan Will Not
Be Reimbursed – Labor Costs For 129th
Increase By \$2.2 Million**

129th Rescue Group (RQG)



Air Force COBRA Analysis / McClellan Move Summary

Estimated MILCON

\$20.0 Million

Lost Reimbursed Personnel

\$2.2 Million/year

Other Lost Reimbursements

\$5.25 Million/year

129th Rescue Group (RQG)



◆ **Military Value Analysis**

◆ **COBRA Analysis**

◆ **Recommended Course of Action**

129th Rescue Group (RQG)



Recommended Course Of Action

- ◆ **Retain In Place**
- ◆ **National Guard Bureau Commitment**
- ◆ **Cost Impact**
- ◆ **Security Considerations / Contractor Needs**
- ◆ **Domino Effect**
- ◆ **Mission Expansion**
- ◆ **Commander- in -Chief's Preference**

129th Rescue Group (RQG)



Recommended Course Of Action

◆ **Retain In Place**

- Save Operations / MILCON Costs
- Improve Military Value
- 1993 Guard Bureau Long-Term Commitment To Moffett Complex
- 1993 BRAC Commission Ordered Additional Reserve Aviation Assets to Moffett

◆ **National Guard Bureau Commitment**

- Guard Was Key Member of Concept Team
- Agreed To Become Anchor Tenant / MOU Commitment in 1993
- Shares In Costs
- Long-Term Tenancy

129th Rescue Group (RQG)



Recommended Course Of Action

◆ **Domino Effect**

- **Loss of Controlled Airfield Will Impair Functioning of NASA Ames and Contractors**
- **Will Result In The Loss of High Tech Industrial Base Capacity**
- **Causes Unraveling of a National Asset**

◆ **Mission Expansion**

- **600 Acres Available For Expansion**
- **Area Available For 129th and Onizuka Air Station for Future Expanded Missions**
- **Economical Option For Both Units**

129th Rescue Group (RQG)

Recommended Course Of Action



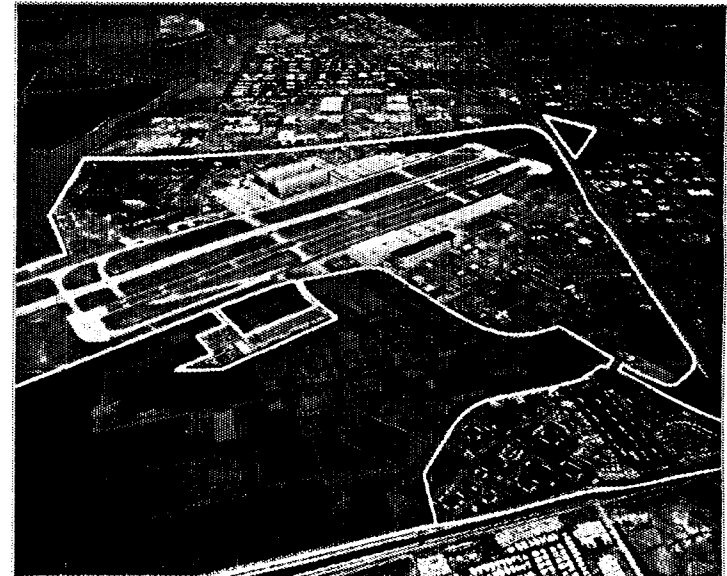
- ◆ **Commander– in –Chief’s Preference**
 - **As Commander– in –Chief of the CANG, Governor Supports Retention of 129th at Moffett**
 - **Supports Military Value Argument to Stay at Moffett**



Briefing Outline



- ◆ Introduction
- ◆ Moffett Field Complex
- ◆ Air Force Recommendations
- ◆ Onizuka Air Station
 - National Security
 - Military Value
 - COBRA Analysis
 - Alternative Proposal
- ◆ 129th Rescue Group (RQG)
 - Military Value
 - COBRA Analysis
 - National Security



- ◆ Summary and Conclusions

Summary

Onizuka Air Station (OAS)



- ◆ **National Security Considerations**
 - **Redundancy (Requirement for Dual Nodes)**
 - **Unique Capabilities**
 - **Available Capacity (Commercial Utilization)**



Summary



Onizuka Air Station (OAS)

- ◆ **Flawed Air Force BRAC Analysis**
 - **Single Node Is Not Strategically Prudent**
 - **Satellite Control Operations / Mission Capacity**
 - **Facilities Availability and Condition**
 - **Contingency, Mobility, and Deployment Requirements**
 - **Cost and Manpower Implications / Return on Investment**
 - **Community Consideration**
 - **Classified Mission Evaluation**
 - **Scored All Eight Criteria Equally**
 - **Secret Ballot Approach**
 - **Air Force Can't Have It Both Ways**

Summary



Onizuka Air Station (OAS)

◆ **Alternative Realignment Proposal**

- **Realign to Moffett Not Falcon AFB**
- **Maintains Dual Node Redundancy**
- **Continued Contractor Support**
- **Preserves Highly Skilled Workforce**
- **Leased Space Savings (\$400K–\$500K per year)**
- **MILCON Savings**
- **Savings On Movings Costs**



Summary



◆ Not a BRAC Issue

- BRAC Law
- ANG Action

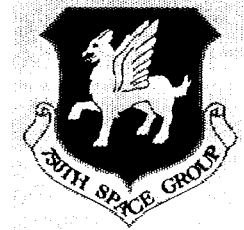
◆ Flawed BRAC Analysis

- No Military Value Audit Trail
- Unknown Relocation Costs – Being Studied

◆ Other Considerations

- Retain in Place: Overall Cost Savings
- No Mission Degradation

Recommendation



Adopt Onizuka Air Station Realignment Alternative

- ◆ **Realization of Cost Savings**
 - **\$125 Million For One-Time Cost For Moving To Falcon**
 - **Unknown Additional Costs (perhaps \$125 million) For Movement of Tenants**
- ◆ **Redundancy Requirements**
- ◆ **Mission Expandability**
- ◆ **Maintain Integrity of Moffett Complex**

Recommendation



Retain 129th RQG at Moffett Federal Airfield

- ◆ **Realization of Cost Savings**
 - \$20 Million In Construction Cost At McClellan
 - \$2.2 Million A Year In Personnel Reimbursements
 - \$5.5 Million In Other Reimbursements
- ◆ **Mission Expandability**
- ◆ **Maintain Integrity of Moffett Complex**

Moffett Field Complex
Center of America's
Aerospace Industrial Base







COVER

Slide 1

Cover



BRIEFING OUTLINE

Slide 2

Introduction

BRIEFING PANELIST

Slide 3A

Panelists for April 26, 1995 Site Visit to Onizuka/Moffett

INTRODUCTION OF PANELISTS

Honorable Dianne McKenna Member, Board of Supervisors, Santa Clara County

Honorable Anna Eshoo Member of Congress (D-14-CA)

Honorable Barbara Waldman Mayor of Sunnyvale

Honorable Patricia Figueroa Mayor of Mountain View

Mr. John McMahon Former Deputy Director, CIA

Honorable Robin Parker Councilmember, City of Sunnyvale

Dr. Tapan Munroe Chief Economist, Pacific Gas & Electric

Mr. Lee Grissom Director of Planning & Research, Office of the Governor

BRIEFING PANELIST

Slide 3B

Panelists for April 28, 1995 Regional Hearing in San Francisco

INTRODUCTION OF PANELISTS

Honorable Robin Parker	Councilmember, City of Sunnyvale
Mr. John Kitching	President, Sunnyvale Chamber of Commerce
Honorable Anna Eshoo	Member of Congress (D-14-CA)
Honorable Barbara Waldman	Mayor of Sunnyvale
Honorable Patricia Figueroa	Mayor of Mountain View
Mr. John McMahon	Former Deputy Director, CIA
Dr. Tapan Munroe	Chief Economist, Pacific Gas & Electric
Ms. Katherine Strehl	Manager of Public Affairs, Lockheed Martin
Mr. Lee Grissom	Director of Planning & Research, Office of the Governor

BRIEFING OUTLINE

Slide 4

Moffett Field Complex



MOFFETT FIELD COMPLEX

Slide 5

Center of America's Aerospace Industrial Base

MOFFETT FIELD COMPLEX

Slide 6 Aerial Photo

The Moffett Field Complex is truly the Center of America's Aerospace Industrial Base. It is not a "Stand Alone" facility but a synergistic grouping of key national assets.

Moffett Field was established six (6) decades ago as the West Coast site for the U.S. Navy's dirigible Macon. As such, Moffett Field has played a key role in the growth and development of Naval Aviation. However, the current Moffett Field Complex houses a net of inter-dependent and irreplaceable public and private facilities that represent a vital and unique national asset. The assets of the Complex contain an irreplaceable "brain trust" that serves as the nucleus for scientific research and development (R & D) in the aerospace and defense industries. The Moffett Field Complex contains state-of-the-art, one-of-a-kind facilities that cannot be replicated elsewhere in the country without costly and time-consuming investments.



MOFFETT FIELD COMPLEX

Slide 7 Map of Moffett Field Complex

Here you can see the geographical relationship of the Complex and its major organizational elements.

MOFFETT FIELD COMPLEX

Slide 8 Key Components

The key components of the Moffett Field Complex include the following:

- *Moffett Federal Airfield*
- *Onizuka Air Station*
- *NASA Ames Research Center*
- *Aerospace and High Technology Industries*
- *Bay Area Universities*

MOFFETT FIELD COMPLEX

Slide 9 Moffett Federal Airfield

A cornerstone of the complex is the Federal Airfield which encompasses approximately 1,500 acres with 3.5 million square feet of facilities. The airfield is critical to the Complex and serves its tenants with two runways capable of handling the largest military transport aircraft.

The airfield is tightly controlled, which is a requirement of the Complex's tenants, and it has an all-weather capability. The key aviation tenant on the airfield is the 129th Rescue Group of the California Air National Guard. In addition to providing key search and rescue capabilities, the 129th also provides critical manpower for the airfield's crash, fire and rescue services, as well as air traffic control operations.

It should be noted that the 1993 BRAC Commission directed that Moffett Federal Airfield should be a receiver for Reserve units affected by other closures and realignments within California. Moffett Federal Airfield is the result of community initiatives responding to previous BRAC Commission actions and recommendations. The community is creating an economic success out of the 1991 closure decision and the 129th Rescue Group is the anchor for this Federal Airfield, which is now consolidating flying and non-flying missions; Reserve units and civilian agencies; government and the private sector.

MOFFETT FIELD COMPLEX

Slide 10 Onizuka Air Station

Onizuka Air Station, which occupies 23 acres of land on the Complex is a key element of the Air Force Space Command's Satellite Command and Control Network. The 750th Space Group operates one of two satellite command and control nodes for the Department of Defense.

Also housed at Onizuka is Detachment 2 of the Space & Missiles Systems Center which is responsible for pre-operational spacecraft research, development and testing.

Lastly, there are classified tenant activities at Onizuka with which the 750th interacts closely. I believe you have been briefed on these organizations earlier and additional classified information will be provided in subsequent classified hearings.

MOFFETT FIELD COMPLEX

Slide 11 NASA Ames

NASA Ames Research Center was established in 1939 to meet the urgent need for increasing our nation's aeronautical research capability. The location was chosen primarily because of its proximity to the aircraft industry, good flying weather and the availability of the Moffett runways. These reasons are as valid today as they were 51 years ago. Ames presently shares with Moffett Field such key elements as the Moffett airfield facilities, underground utilities, fire protection, perimeter security, and streets and roads. Additionally, Moffett property provides a beneficial and essential noise buffer for Ames' wind tunnel operations.

NASA Ames is the center of activity for national rotocraft and powered-lift flight research which is fundamentally important to the DoD, industry and other federal agencies. The research programs provide essential rotor-craft design data and solutions to critical powered-lift problems, and are closely coupled with the government and industry community. These aeronautical research programs contribute substantially to the U.S. aerospace technology base which strengthens the nation's economic and defense competitiveness. Many major advances in aircraft design are based on research and development conducted at NASA. Ames Research Center operates the wind tunnels that test virtually every new military and civilian aircraft, supporting one of the few remaining strategically important industries that the United States continues to dominate.

MOFFETT FIELD COMPLEX

Slide 11-2 NASA Ames

Space and earth sciences research is conducted using aircraft as flying laboratories for the study of the planets and stars, and the earth's oceans, atmosphere, and vegetation. These airborne science labs are recognized as national and international assets. The research program using these aircraft has permitted much of the recent and rapid increase of our understanding of the complex nature of the environment.

Lastly, NASA Ames serves as the custodian of the Federal Airfield and closely coordinates the activities of all the tenants.

MOFFETT FIELD COMPLEX

Slide 12 Aerospace and High Technology Industries

Another key element of the Moffett Field Complex involves the numerous industries that use and depend on the highly controlled Federal Airfield. These industries require a secure flight facility with the capability to handle unique and classified products.

Lockheed Missiles & Space Company, the largest defense contractor relying on Moffett Field was established in 1954 adjacent to the airfield. Two factors were key to Lockheed's decision to locate in Sunnyvale:

1. Proximity to institutions of higher learning.
2. Proximity and access to a secure airfield.

In the past 40 plus years, Lockheed investments include numerous state-of-the-art, one-of-a-kind facilities such as:

- Largest painting facilities in the Western United States (can accommodate shuttle size hardware).
- Second largest thermal altitude chamber in the free world.
- Largest clean room in the United States (used for manufacturing the Hubble Space Telescope).

MOFFETT FIELD COMPLEX

Slide 12-2 Aerospace and High Technology Industries

- One of the largest acoustic chambers in the world.

Lockheed relies heavily on Moffett Field for secure transport of products to and from government entities. Cargo frequently requires the capacity of large transport aircraft such as the C-5A and shipments involve varying levels of security precautions.

As is the case with Lockheed, numerous other high technology industries also rely extensively on the Complex's unique and interdependent assets.

MOFFETT FIELD COMPLEX

Slide 13 Bay Area Universities

The final key element of the Moffett Field Complex is the collection of premier institutions of higher learning that are within close proximity. Renowned institutions such as Stanford, UC Berkeley, Santa Clara and San Jose State Universities contribute tremendously to the Complex as a result of their educational and professional development curriculums. Additionally, those institutions are involved in numerous research initiatives that are on the forefront of cutting-edge technologies.

MOFFETT FIELD COMPLEX

Slide 14 Map of Moffett Field Complex

Again, it is important to emphasize that the Moffett Field Complex is not a "stand alone" military facility that can be closed or realigned without creating tremendous negative impact on its interdependent elements. With the removal or realignment of any critical element in the Complex, an unraveling process would be begun that would ultimately result in the disintegration of this vital and unique national asset.

BRIEFING OUTLINE

Slide 15

Air Force Recommendations



AIR FORCE BRAC RECOMMENDATIONS

Slide 16 DOD BRAC Report

The March 1995 Department of Defense Base Closure and Realignment Report contained several recommendations that impact the Moffett Field Complex.



AIR FORCE BRAC RECOMMENDATIONS

Slide 17A Onizuka Air Station

Sub-Outline

- **National Security Implications**
- **Military Value Analysis**
- **Flawed Air Force Analysis**
- **Alternative Realignment Proposal**

AIR FORCE BRAC RECOMMENDATIONS

Slide 18 Moffett Federal Airfield AGS

At the Moffett Federal Airfield, the Air Force recommended closure of the Air Guard Station and relocation of the 129th Rescue Group and its associated aircraft to McClellan AFB. The justifications was based on rising operation costs and the assumption that a move to McClellan would reduce operational expenditures.

Again, in our briefing, we hope to clearly show that the costs to implement this closure and relocation as well as the expected return on investment are flawed.

Additionally, it should be noted that the Commander-In-Chief of this unit, the Governor of California, does not support this move. State representatives will clearly articulate that the relocation is not supported from an excess capacity, military value or COBRA analysis point of view.

AIR FORCE BRAC RECOMMENDATIONS

Slide 18A 129TH RESCUE GROUP (RQG)

Sub-Outline

- **Military Value Analysis**
- **COBRA Analysis**
- **Recommended Course of Action**

BRIEFING OUTLINE

Slide 19

Onizuka Air Station

ONIZUKA AIR STATION

Slide 20

National Security Implications



ONIZUKA AIR STATION

Slide 21

Issues Related to National Security

ONIZUKA AIR STATION

Slide 22 Redundancy

Mission for the 750th is to provide vital support from space during peace and throughout all levels of conflict with a robust, flexible, responsible and enduring satellite control capability.

NATIONAL SECURITY (REDUNDANCY)

Slide 23 The Mission

The satellite control system operated by the Air Force is expected to function in support of U.S. forces, policies, strategies and interests worldwide during peacetime, war and in all intermediate levels of conflict. The objective is to provide vital support from space during peace and throughout all levels of conflict with a robust, flexible, responsive and enduring satellite control capability.

To accomplish this mission, the Air Force requires standardized space/ground segment datalinks, data processing elements, interfaces, and support infrastructure; secure communications; data dissemination connectivity; and backup resources to eliminate single failure points.¹

¹Concept of Operations For Satellite Control, prepared by Headquarters Air Force Command, 28 October 1993.

NATIONAL SECURITY (REDUNDANCY)

Slide 24 Security Requirements

National and DOD space policy requires the highest degree of security for operational resources critically important to national security. The Air Force, DOD and all other users require the highest level of security for these important national assets. Safeguarding satellite control system operations is fundamental to the national security of the United States.

Safeguarding all satellite control operations is necessary to maintain the overall effectiveness of U.S. pre-launch, launch and post-launch operations. The Air Force utilizes "multi-level" (i.e. redundant) systems to protect the security of satellite control operations. This is necessary to protect against internal and external threats that still exist notwithstanding the end of the Cold War.

External

External threats may stem from protestors; political, economic or industrial agents; criminals; and in periods of increased international tension or war, terrorist or paramilitary operations. They may use attack methods that include penetration

NATIONAL SECURITY (REDUNDANCY)

Slide 24-2 Security Requirements

and damage to restricted areas or antennae; interruption of communication links through signal spoofing or jamming; microwave attack; and use of chemical, biological, radiological or conventional weapons.²

All of these factors exist even in the absence of the Cold War. All of these factors demand redundant capability by retaining Falcon and Onizuka.

Environmental Threat

The locations of satellite control system assets in California and Colorado subject the system to threats of many kinds. These include earthquakes, floods, thunderstorms, lightening, heavy snows, and tornados. Satellite command and control nodes are susceptible to these environmental threats and numerous types of atmospheric and solar disturbances.

²Annex A to the Concept of Operations for Air Force Satellite Control, Volumes I and II "Backup Operations."

NATIONAL SECURITY (REDUNDANCY)

Slide 24-3 External/Environmental Threat

Various types of support activities may also create environmental hazards. Facility power outages such as the backhoe incident at Falcon; heating ventilation and air conditioning maintenance and minor construction activities can cause power fluctuations, adverse temperature environments, air pollution or other conditions that can impact continuity and operations.

All of these factors exist notwithstanding the status of other external threats such as the Cold War. All demand redundant capability that can only be maintained by keeping both Onizuka and Falcon fully operational.

NATIONAL SECURITY (REDUNDANCY)

Slide 25 Redundancy/Backup.....

Onizuka and Falcon clearly play a major role in the security of the United States because of the vital national assets controlled by these facilities. Because of this important role, it is essential to maintain redundant capability by keeping both locations fully operational.

Redundancy is important to fulfill the stated Air Force mission to provide vital support from space during peace and war that is flexible, robust, responsive and enduring. The Air Force acknowledges the importance of these assets and provides redundant security measures to protect the integrity of the facilities.

The end of the Cold War does mean an end to a dangerous world. External and environmental threats, terrorism, North Korea, Iran and other rogue nations present an ever present threat to the security of the United States. Natural disasters threaten the functioning of these facilities.

Having the dual capability to command and control important national security assets is essential in the face of these threats. The dangerous risk of not having Onizuka in a critical national security situation far outweighs the asserted potential savings claimed to be associated with the realignment.

NATIONAL SECURITY (REDUNDANCY)

Slide 25-2 Air Force Agrees

On 30 January 1995, a mere one month before the BRAC recommendations were made public, the Air Force Space Command issued a memorandum entitled "Backup Satellite Control - POLICY DIRECTIVE."³ The memorandum states that "this policy provides guidance for developing backup satellite control capability for Air Force Space Command satellite systems."

Backup control capabilities are required to function until primary control capabilities are restored. The level of backup required is described as "limited" meaning provision for satellite operations, excluding launch and early orbit operations.

Responsiveness required is described as "warm backup" meaning "alternative satellite command and control resources must be able to assume responsibility for conducting routine operations and anomaly resolution and/or contingency operations. The memo further requires "sufficient responsiveness to preclude lasting impact to mission capability."

Most significantly, the Air Force policy directive notes that geographical separation is required. Geographical separation "sufficient to prevent simultaneous degradation to both a prime and backup capability that could have lasting impact to mission capability from the same threat" is a requirement.

³Memorandum For See Distribution, Backup Satellite Control - POLICY DIRECTIVE, AFSPC/CC, 30 January 1995.

NATIONAL SECURITY (REDUNDANCY)

Slide 25-3 Air Force Agrees

Clearly the Air Force in late January of this year agreed that the nation's space assets were of such critical importance that redundant command and control capability was essential. Clearly the Air Force believed the varied threats, other than the Cold War, required redundant capability. Finally, only by maintaining Onizuka and Falcon at status quo can the critical geographic separation required by the Air Force policy directive be retained.



ONIZUKA AIR STATION

Slide 26

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ONIZUKA AIR STATION

Slide 27

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ONIZUKA AIR STATION

Slide 28

Military Value Analysis

NATIONAL SECURITY (MILITARY VALUE)

Slide 29 Red Yellow Green Analyses

Bases were analyzed by the Air Force on the basis of eight selection criteria. For each criterion a number of subelements were developed. The Air Force Base Closure Executive Group (BCEG) employed a color-coded rating scale to assist in evaluating each base. A "Green" rating meant more desirable for retention, "Red" meant least desirable, "Yellow" meant in between. The color grade for each subelement was the result of aggregating lower level subelement and sub subelement colors.

In past rounds, the Air Force has been criticized for arbitrarily determining how lower level grades should result in higher level grades. Thus, the Air Force applied a theoretical mathematical formula for determining the relative weight of the subelements. The mathematical aggregating method was used up to the eight criterion level. However, the eight criterion grades were not aggregated together into an overall rating for the institution. Rather, "the BCEG used their judgment to evaluate the overall value of an installation, based on the eight selection criteria."⁴

Until reaching the level of the eight selection criterion, the Air Force analyses is auditable. Thereafter, the Air Force's military value analysis was unfair, subjective and conducted as a secret ballot resulting in Falcon being placed in Tier I (highest relative merit) with Onizuka placed in Tier III. It is impossible to determine how this tiering decision was reached or why the two facilities were tiered differently.

⁴Onizuka Realignment briefing documents, 17 February 1995, Appendix 2.

NATIONAL SECURITY (MILITARY VALUE)

Slide 29-2 Red Yellow Green Analyses

The GAO agrees with this analysis stating in its report to your Commission that "the documentation of the Air Force's process was too limited for us (GAO) to substantiate the extent of its deliberations and analyses. This made it difficult to verify what actually transpired."

NATIONAL SECURITY (MILITARY VALUE)

Slide 30 Future Mission Projection

In the Air Force "Red, Yellow, Green" analysis Onizuka is severely penalized (Red) because the base questionnaire states that a 75 percent decrease in mission requirements is predicted over the next ten years. However, this decrease may not be related to Air Force missions but to the missions of tenants at the base (the specific details of which are classified). It is unclear whether the tenants are reacting to the Air Force realignment or the reverse. Nevertheless, Onizuka should not be penalized or scored so low on "Future Mission Projection" for non-Air Force actions.

NATIONAL SECURITY (MILITARY VALUE)

Slide 31 Mission Capacity

Onizuka AS has 23 CPU's of data processing power. Falcon, according to the Air Force questionnaire, has 13. Onizuka AS has 36 satellite control points. Falcon, according to the Air Force questionnaire, has 21. The total data communications bandwidth capability at Onizuka AS, because of available base infrastructure, is 100 percent of the benchmark. According to the Air Force questionnaire Falcon is at a mere 30 percent of the benchmark.

Nevertheless, the Air Force in an arbitrary process that is impossible to audit, chose to place Falcon at Tier I and Onizuka in Tier III. In the all important category of Mission Capacity, Onizuka is clearly the superior facility.

A fair evaluation of Falcon would have scored it "red" for mission capacity.

FLAWED ONIZUKA ANALYSIS

Slide 33 On-Base Housing

The military value analysis and comparison between Onizuka and Falcon is in error. Falcon has no usable on-base housing, and yet Falcon received a yellow rating for housing capacity and a green score for housing condition. Any housing on Falcon is substandard and is not occupied. The resulting flawed analysis gives Onizuka a lower score (yellow plus) than Falcon (green minus) despite the existence of occupied housing at the Onizuka Annex at Moffett.

FLAWED ONIZUKA ANALYSIS

Slide 34 Air Quality

The Facilities Availability and Condition subcategory includes an element for air quality weighted at 40%, the highest weight in the category. The weight is excessively high for a base with no flying mission. Further, no mission curtailment is expected which would compromise mission or equipment during a "restrictions" scenario. Yet Onizuka gets a red score.

There is no legitimate argument for reducing the Onizuka military value score for a subcategory evaluation which is irrelevant to mission accomplishment.

NATIONAL SECURITY (MILITARY VALUE)

Slide 35 Summary

Falcon AFB was originally built to be a backup to Onizuka. But in the years since Air Force Space Command has started controlling satellites from mission control centers at Falcon, Onizuka has taken back control because of problems at Falcon. There have been few instances where the reverse has been true.

Onizuka is collocated with major technological support and an industrial center of expertise for communications, computing systems, and space vehicles, both satellites and boosters. This is a capability that will never be duplicated elsewhere and should have been factored into the Air Force military value calculations.

There is an extensive core of personnel in the immediate area with many years of in-depth experience in satellite control operations, including complex engineering solutions of on-orbit satellite anomalies. This braintrust of personnel will never be found elsewhere and was not considered in the Air Force military value calculations.



ONIZUKA AIR STATION

Slide 36

Flawed Air Force Analysis

FLAWED ONIZUKA ANALYSIS (GAO)

Slide 37 GAO Concerns

The GAO criticized the Air Force for "the subjective nature of the decision process" and found that "limited documentation in some areas affected our (GAO) ability to fully assess the analyses behind some decisions." The GAO also found that "closure costs played a major role in the Air Force's decision-making from the beginning of its process."

According to the GAO "the Air Force gave great weight to preliminary closing costs before rating its bases, which influenced the relative weight of bases." Further, GAO noted that "documentation of the Air Force's process was too limited for us (GAO) to substantiate the extent of its deliberations and analyses, this made it difficult to verify what actually transpired."⁶

These issues deleteriously impacted Onizuka AS. As noted previously the decision to realign Onizuka was subjective, based on questionable data and flawed analyses. Complicating what appears to be an arbitrary decision that cannot be fully audited is the extent of classified activity underway at Onizuka. Nevertheless, this decision process and the ultimate decision are clearly unfair and inappropriate.

⁶Analysis of DOD's 1995 Process and Recommendations for Closure and Realignment, United States General Accounting Office, April, 1995.

FLAWED ONIZUKA ANALYSIS (GAO)

Slide 38 GAO Recommendations

GAO recommends that the Commission have DOD identify those closures and realignments that have costs and savings implications that affect other federal agencies. This recommendation is particularly important in the case of Onizuka AS. In a number of instances the Air Force has claimed savings that do not appear to exist or will merely be shifted to other Federal entities.

Other Federal and DOD entities will be required to continue paying for certain base operations that will be ongoing after the proposed realignment.

FLAWED ONIZUKA ANALYSIS (COBRA)

Slide 39 RPMA/BOS

Despite the continued presence of Air Force and tenant activities and personnel at Onizuka Air Station following any BRAC action, the Air Force cost estimates predict an annual savings of more than \$10 million in Real Property Maintenance Activities (RPMA) and Base Operating Support (BOS) costs.

We do not believe these savings estimates are accurate. Current expenditures in this area aggregate approximately \$14 million. The Air Force cost calculation shows a savings of \$10 million, for RPMA and BOS even while the base continues to function with the remaining tenants.

FLAWED ONIZUKA ANALYSIS

Slide 40 Uncertain COBRA Audit Trail

Records provided to Congress indicate that between December 19, 1994 and February 21, 1995, the COBRA figures for the 750th's move to Falcon AFB were revised at least five times. Each time a revision was made figures were produced by the Air Force improving the economic justification for the move. For example, COBRA estimates for the one time total cost for the move decreased from \$290.6 million on December 6, 1994 to \$124 million on February 21, 1995.

This is indicative again of the arbitrary and capricious nature of the Air Force process.

FLAWED ONIZUKA ANALYSIS (MilCon)

Slide 41 MilCon

The most egregious example of the flawed Air Force analysis is the current effort by the service to cast this recommendation as a realignment rather than a closure. It is in fact a closure because the tenants at Onizuka apparently plan to leave because the Air Force is leaving. For the Air Force to claim that the tenants would leave after the base realignment period is merely an effort to present the costs in two pieces, and therefore mislead the Commission as to the real cost of closure.

We concur with the GAO that all costs to other Federal entities should be considered. Doing so will require recreating the capability to perform all the activities now underway at Onizuka. Our current estimate to move all activities from Onizuka, with the departure of the Air Force and associated Federal tenants, is \$250 million, not \$75 million. This analysis would result in a payback period in excess of 20 years, far beyond the justifiable scope for such a realignment action.

FLAWED ONIZUKA ANALYSIS

Slide 42 Facilities/Infrastructure

As previously noted Onizuka AS has the current capacity to perform all core operations for both command and control nodes. Falcon AFB states that "this installation does not have sufficient capacity to accomplish all core operations." Nevertheless, the Air Force proposes moving to Falcon in addition to accommodating the classified tenants.

The Air Force proposes doing so and recreating the necessary facilities and infrastructure at Falcon for the expenditure of a mere \$75 million. The full capabilities of Onizuka AS and its tenants cannot be recreated for that amount. A more accurate assessment would be \$250 million.



ONIZUKA AIR STATION

Slide 43

Alternative Realignment Proposal



ONIZUKA AIR STATION

Slide 44

Alternative Realignment Proposal

ALTERNATIVE REALIGNMENT

Slide 45 Realign to Moffett not Falcon

Because the operations at Onizuka cannot be conducted at any other Air Force site without incurring substantial capital investment and ongoing operating costs, we propose Onizuka AS be realigned to Moffett Federal Airfield not Falcon. Doing so will provide the Air Force significant cost savings while retaining the important national security insurance of maintaining a dual node satellite command and control capability.

Onizuka currently encompasses 25 acres of operational area. An additional 600 acres at Moffett Federal Airfield are available for mission expansion needs of the Air Force at a cost significantly less than recreating the unique Onizuka facilities at Falcon AFB.

Cost

Onizuka AS currently leases space at four different locations in industrial parks in Sunnyvale. This is expensive commercial space that costs the Air Force a significant amount of money every year.

By realigning to Moffett Federal Airfield, the Air Force will be able to reduce these costs by at least \$300,000.

ALTERNATIVE REALIGNMENT

Slide 45-2 Cost

Additional cost savings through realignment to Moffett will result from:

Military Construction at Falcon AFB -	\$ 75,200,000
Moving Costs -	17,032,000
New "Switch" at Falcon AFB -	100,000,000
"Other" costs identified by COBRA -	26,000,000

In addition, available capacity at Onizuka could be utilized by commercial users to take full advantage of this high quality asset. Discussions with potential users are anticipated in the near future.

The savings that would result from not moving current tenants at Onizuka is unknown outside classified channels. However, additional savings of \$125 million would not be an unreasonable estimate.

Commercial Utilization of Available Capacity

The Air Force Space Command has the stated goal of becoming the "Network of Choice" for both DOD and non-DOD satellite systems. The Air Force apparently fails to realize that the center of the commercial space program is in the Bay Area

ALTERNATIVE REALIGNMENT

Slide 45-3 Commercial Utilization of Available Capacity

with the Moffett Complex at the center. The Air Force and DOD need to take advantage of the commercial partnering opportunities that are only available here.

Commercial ventures will use the available capacity at Onizuka to command and control satellites. This could result in a savings from such operations if the Air Force is willing to accept commercialization of the Space Command Network. Benefits to industry include contacts for Launch and Early Orbit and anomaly resolution for commercial space systems; connectivity to remote locations; and in-place infrastructure worldwide.

The Air Force could form CRAF-type opportunity for commercial satellite systems; new frequency access at lower cost; and reduced OTM costs while retaining all the requisite capability of the Onizuka node.

Onizuka is strategically located to provide leadership for the next generation of Air Force and DOD space technology. As the Air Force seeks to develop new spacecraft with autonomy and a higher degree of commonality, there is no better place to be than in the center of where these spacecraft are being designed and built.

ALTERNATIVE REALIGNMENT

Slide 45-4 Integrity of Moffett Complex

Onizuka AS as part of the Moffett Complex is more than a stand alone base. It is an integral part of an irreplaceable resource and a significant national asset. Onizuka is at the nucleus of America's space industrial base.

Government efficiency and cost savings will be sacrificed if the symbiotic relationship now existing between satellite controllers and technical experts is broken by the realignment of Onizuka. Air Force goals and missions will be sacrificed with implementation of the proposed actions.

The only reasonable solution is to capture the cost savings of a realignment of Onizuka to Moffett and reject the questionable cost savings asserted to be available through realignment to Falcon AFB.



BRIEFING OUTLINE

Slide 46

129th Rescue Group (RQG)



129TH RESCUE GROUP

Slide 47

Military Value Analysis

129th FLAWED AIR FORCE ANALYSIS (Military Value)

Slide 48 Antiquated Facilities

The 129th currently occupies 384,000 square feet of space at Moffett Federal Airfield. The proposed square footage the 129th will occupy at McClellan AFB is 164,000, for a differential of 220,000 square feet.

The facilities occupied at Moffett Federal Airfield are 1980's vintage while the space to be occupied at McClellan is older 1950's vintage. This flies in the face of the requisite military value test.

129th FLAWED AIR FORCE ANALYSIS (Military Value)

Slide 49 Operations Limitations

The airfield operating hours at McClellan AFB are from 8 a.m. to 10 p.m., while the operating hours at Moffett Federal Airfield are 7 a.m. to 11 p.m. Thus, there are two hours less time available for training daily throughout the year.

There is typically more ground fog at McClellan than at Moffett during the course of the year. This fog reduces training and operations.

Both of these factors will reduce the military value of the 129th at McClellan versus the military value of the 129th at Moffett Federal Airfield.



129TH RESCUE GROUP (RQG)

Slide 50

COBRA Analysis

129th FLAWED AIR FORCE ANALYSIS (COBRA)

Slide 51 MilCon

The 1995 Air Force Site Survey estimated the required expenditure of \$20 million at McClellan AFB in order to properly accommodate the 129th. An additional study directed by the Base Closure Executive Group arbitrarily reduced this amount by approximately \$10 million.⁷ For example:

\$6.4 million deleted for Flying Squadron Operations

\$14 million deleted for Unit Supply

\$1.4 million deleted for Trade for Buildings 877/878

⁷Miscellaneous Data and Information to the Commission, Department of the Air Force, February, 1995

129th FLAWED AIR FORCE ANALYSIS (COBRA)

Slide 52 Reimbursement

The Air Force claims a savings of \$4.754 million annually by moving the 129th to McClellan. The Air Force claims this savings because of the cost of services provided by the 129th to Moffett Federal Airfield that include such items as security, fire, road maintenance and airfield maintenance. However, the California Air National Guard is fully reimbursed for these services and more.

Based on the limited information available from the Air Force, we calculate that the annual cost differential between savings at McClellan and remaining at Moffett must be in excess of \$8 million to render the asserted savings.

129th FLAWED AIR FORCE ANALYSIS (COBRA)

Slide 53 Labor Costs

A total of 319 individuals are employed by the California Air National Guard at Moffett Federal Airfield. A total of 19 of those jobs are eliminated by the proposed action. The Air Force claims this is a savings. However, the California Air National Guard is fully reimbursed for the equivalent of 59 individuals by NASA and other tenants.

Subtotaling the 19 jobs cost from the 59 leaves a total of 40 equivalent positions that the Air Force will not be reimbursed for after moving to McClellan. As the current average of \$55,000 per work year, the Air Force labor costs will increase by \$2,200,000 by relocating from Moffett to McClellan.⁸

⁸NASA Briefing Materials

129th FLAWED AIR FORCE ANALYSIS (Savings)

Slide 54 "Savings" Summary

Real MilCon costs of moving to McClellan.....	\$20 million
Savings resulting from downsizing 129th to 164,000 square foot occupancy envisioned at McClellan.....	\$540,000 per year
Cost of reimbursement for personnel from NASA and other Moffett tenants.....	\$2.2 million per year
Air Guard reimbursements for services rendered at Moffett.....	\$5.25 million per year

The Air Force analysis is flawed and the "savings" don't add up when all costs are considered.

129TH RESCUE GROUP (RQG)

Slide 55

Recommended Course of Action

129th RECOMMENDED COURSE OF ACTION

Slide 57 Shared Facility

When the decision was made to close Moffett Field as a Navy facility, the California Air National Guard became a key member of the team developing the concept of the Moffett Complex as a shared federal facility. The Guard Bureau made a contractual commitment to NASA in 1993 to be an anchor tenant at the facility.

The Moffett Complex is a shared facility with the cost of common operations being share equitably by all the agencies based on concepts and formulas developed by all participants.

Because the Air Force cost analysis does not add up, the best course of action is for the 129th to remain at Moffett.



129th RECOMMENDED COURSE OF ACTION

Slide 58 Cost

The GAO recommends that the costs of proposed actions on all federal users be considered by the Commission. If the 129th leaves Moffett, the cost of operating the airfield will not be reduced and the services provided by the 129th will have to be replaced at potentially higher costs to the U.S. government.

129th RECOMMENDED COURSE OF ACTION

Slide 59 First Domino

Without the secure controlled airfield, NASA Ames and the federal contractors cannot function properly. Without these Federal contractors, the high-tech space industrial base of the nation will suffer with a resultant deleterious effect on national security.

The severity of the domino effect far outweighs the questionable cost savings estimated by the Air Force.

The Moffett Federal Airfield represents in excess of 600 acres of available Federal land and facilities. This area is available to both the 129th and Onizuka AS for mission expendability should either organization choose to do so. This expendability option is available in an economical, cost effective manner.



129TH RESCUE GROUP (RQG)

Slide 60 Commander-In-Chief's Preference

As Commander-in-Chief of the California Air National Guard, the Governor's preference is to retain the 129th Rescue Group at Moffett Federal Airfield which has higher military value and where it should continue to anchor the Moffett Airfield Complex.

Slide 61 Summary and Conclusion

The following slides will summarize our remarks this afternoon and pose some recommendations to the Commissioners and staff.



SUMMARY

Slide 62 Onizuka Air Station - National Security Considerations

In the case of Onizuka Air Station, we have emphasized the need for redundancy in the Satellite Command and Control arena which is also articulated in the Air Force's own policy statements. Additionally, we have emphasized the numerous unique facilities at Onizuka which would be cost-prohibitive to duplicate elsewhere and have demonstrated the expansion capability of the Moffett Field Complex.



SUMMARY

Slide 63 Onizuka Air Station - Flawed BRAC Analysis

Our discussion of the Air Force's BRAC analysis highlighted several flaws that will, we hope, encourage the Commission to closely review the cost manpower and return-on-investment implications of this realignment action. The Air Force's approach has been subjected to close scrutiny and serious questioning by the General Accounting Office, and we sincerely hope that you also would closely scrutinize the flawed analysis.



SUMMARY

Slide 64 Onizuka Air Station - Alternative Realignment Proposal

Understanding that the 1995 BRAC Commission has a charter to streamline facilities and functions in order to realize savings, we have offered an alternative realignment proposal. This proposal to realign the Moffett Federal Airfield not only realizes savings but ensures the continued functioning of the Moffett Field Complex whose national assets would unravel and disintegrate under the Air Force's proposal.

SUMMARY

Slide 65 129th Rescue Group (RQG)

In the case of the 129th Rescue Group, we do not view this as a BRAC issue, but an action on the part of the Guard Bureau to arbitrarily realign their aviation assets. There has been no detailed military value analysis completed on this action, and the current cost projections are quite suspect. The 1993 BRAC Commission ordered the movement of additional reserve aviation assets to Moffett, and we hope you closely scrutinize this action in order to maintain this vital mission profile. The State of California requests that the 129th RQG remain in place at Moffett, and we hope you concur with the Commander-In-Chief's desires.

RECOMMENDATION

Slide 67 Retain 129th RQG In Place

Additionally, we strongly recommend that the 129th Rescue Group be retained in place at Moffett Federal Airfield in order to realize appreciable cost savings and to preclude the unraveling of this unique, national asset. The Moffett Field Complex has served the needs of our nation's military and aerospace industries for many decades. We hope your ultimate decision will ensure its viability for decades to come.



MOFFETT FIELD COMPLEX

Slide 68 America's Aerospace Industrial Base

We thank the 1995 BRAC Commissioners and Staff for taking the time to visit with us, and we hope that we have raised some pertinent issues that will ensure your independent and continued thorough review.

The Moffett Field Complex is the Center of America's Aerospace Industrial Base, and we sincerely hope that it remains so for decades to come.