AUG 9 1967

SC-WD-67-426

June 1967

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ENVIRONMENTAL DATA BANK INDEX -- UNCLASSIFIED ENTRIES

M. B. Gens, 1541
Sandia Laboratory, Albuquerque

SANDIA CORPORATION

PRIME CONTRACTOR TO THE U.S. ATOMIC ENERGY COMMISSION

ALBUQUERQUE, NEW MEXICO; LIVERMORE, CALIFORNIA; TONOPAH, NEVADA

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ABSTRACT

In an effort to determine the environment to which the equipment designed by Sandia Corporation will be exposed, a "data bank" of environmental information has been compiled by Divisions 1541 and 8146. Measured quantities resulting from field tests or actual use are continually being summarized to establish envelopes of inputs and responses. This material is being collated, microfilmed, and filed under 15 basic categories of environment. By consulting this data bank, a user has at his immediate disposal numerical definitions of the environments to aid in establishing design requirements and test plans.

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ENVIRONMENTAL DATA BANK INDEX—UNCLASSIFIED ENTRIES

Introduction

From the moment of its manufacture, equipment is exposed to an environment. This exposure affects the useful life of the equipment in inverse proportion to the protection given by design considerations and the modification of external environment during storage, transport, handling, and use. These facts were recognized in SC-4259(WD), Report of the Third Joint Environmental Task Group, in which the establishment of a group with the responsibility for acquiring, analyzing, and presenting environmental data pertinent or applicable to nuclear weapons was recommended. The Environmental Operations Analysis Group was given the specific assignment of collecting and analyzing data on the environments to which these AEC-DOD systems may be exposed and the responses of the systems to such exposure.

A "data bank" of environmental information is being maintained by Divisions 1541 and 8146 to fulfill this assignment.

Objective

The Environmental Data Bank is intended to supply information about probable environmental conditions to research, design, development, test, quality assurance and special project groups within Sandia Corporation.

Sources of Information

Environmental information for inclusion in the data bank is acquired by the Environmental Operations Analysis Group from many sources. Military agencies, such as Aberdeen Proving Ground, Wright Air Development Center, Naval Ordnance Test Center, and Army QM R&E Center, and industrial groups, such as railroads, aircraft companies, and trucking concerns, have contributed information. A large portion of the information has been obtained from the various test groups in Sandia Corporation. The Environmental Operational Analysis Group not only extracts information from published sources, but engages in specific research activities to obtain data not otherwise available.

The original data references used are included on each entry in the data bank.

Structure of the Data Bank

Environmental data may be defined as numerical descriptions of the aggregate of all the external conditions and influences affecting the development and survival of weapon systems, subsystems, and components. For efficient collection and evaluation of these data, 15 conditions have been established as basic categories of environments. The filing system is based on these 15 categories. They include

1. Acceleration/time histories	9. Pressure
2. Acoustic noise	10. Radiation
3. Atmospheric contents	11. Shock
4. Biotic	12. Temperature
5. Fire	13. Trajectory
6. Fragmentation	14. Vibration
7. Humidity	15. Wind
8. Precipitation	

These are considered from the standpoint of input or response. Definitions are necessary to differentiate input from response data. Whether the environment can be termed input or response is often dependent upon the application of the system. Basically, an input is defined as "the environment to which a Sandia system is exposed," and response is "the reaction of that system to an input."

Each of the categories is subdivided into the individual use phases that occur during the life of a weapon system. The phases are

1. Handling
2. Storage
3. Transport
4. Utilization
5. General.

The general phase applies to two or more of the others. The transportation and utilization phases are further divided into the type of carrier involved, i. e., aircraft, automobile, railroad, ship, etc.

Mechanics of the Data Bank

The data bank consists of microfilm mounted on aperture cards (Figures 1 and 2). This method provides for storage of a large amount of information in a relatively small space. When raw data or published information is acquired, it is reviewed, and pertinent information is extracted, collated, and microfilmed. The data cards are filed in numerical order without regard to subject. This simple filing technique is possible because of a computerized indexing and retrieval program. The program involves placing into computer memory the title of each entry and sufficient descriptive information to show the type of data which is involved. The computer program has been written to permit a direct printout of a complete index categorized

by environment, stage, and phase. The other descriptive data will permit a computerized search for all information on a specific subject. The information in memory for the bank entry illustrated in Figure 1 is:

Environment:	Vibration
Stage:	Input
Phase:	Transportation
Carrier:	Various
Location:	External (to the weapon)
Contents:	Envelope - 90% probability.

Thus, a search for vibration environment during transport would result in reference to this card, among others. Once a list of applicable microfilm cards is developed, the information on each entry is available either by using a viewer or by making a print.

The use of the computer makes possible a much more flexible file, permits more complete data retrieval, shortens the time necessary for search, and makes feasible more frequent publication of a current index.

Activities of the Environmental Operations Analysis Group

The Environmental Operations Analysis Group is composed of people with a variety of engineering and scientific backgrounds. The group has the responsibility of maintaining the Environmental Data Bank, conducting environmental studies, providing support to design and test organizations, and setting environmental test standards.

Maintenance of the data bank includes searching current literature to determine the presence of applicable environment data, comparing such information with that presently in the bank, selecting the best data in case of duplication, reducing data to a form best suited for microfilming by selection of graphs, charts, etc., and abstracting written material and reducing information to chart or graph form.

Another responsibility is to produce original measurements and research projects, either within the organization or in conjunction with other agencies. At present, in-house work is being carried on to determine the temperature ranges seen by cargo during transport on railroads and trucks during the summer and winter months. Another project which is being undertaken in conjunction with the AEC and the Army Transportation Engineering Agency is the determination of the dynamic environment involved in truck transportation.

Availability of the Services of the Environmental Operations Analysis Group

The Environmental Operations Analysis Group does not undertake studies for agencies outside of Sandia Corporation, but the information in the data bank is available within the limits of time, workload, and security regulations, to any agency. Requests for data should be sent to Division 1541, Sandia Corporation, Albuquerque, New Mexico. The request should either outline the specific area for which information is desired, or it should list specific entries, including serial numbers. Requests will be processed as time allows. Agencies outside of the AEC complex will be furnished information subject to the review and release procedures established by the AEC.

The Environmental Data Bank Index

The Index for the Environmental Data Bank is published in two issues: SC-WD-66-141 is a complete index; this issue, SC-WD-66-142 is an index of the unclassified data bank entries. Each issue has two index listings: an alphabetical index by title and an index by environmental categories.

The alphabetical index consists of a listing, in alphabetical order, of the titles of the entries in the data bank. The titles are printed, for the most part, with the principal word first. This often results in groupings of entries relating to the same general subject.

The categorical index consists of a listing of relevant titles under each data bank heading. Environments are divided into input and responses sections; each section is broken into appropriate phase subheadings. Titles are listed under each subheading in numerical order.

Since an entry may include information related to more than one category or subheading, a title may be reported in more than one list. Some subheadings have no title listed. No information associated with this specific area is currently in the data bank.

The number following each title is the serial number of the data bank entry and is used to find the microfilm cards which bear the title. Requests for information should cite this number.

Card 2 of 3

Maximum vibration expected in transportation medium.

Ref.: Analysis of data bank information
October 1964 by J. Foley, 1541-1

Figure 1. Envelope of 90% Probable Extreme Vibration Environment Experienced by Cargo in all Modes of Transport

Title: Freezing and Inversion Temperature Vs. Salinity in Sea Ice

No. 840

Ref: Mellor, Malcolm, Snow and Ice on the Earth's Surface, U. S. Army Materiel Command, Cold Regions Research and Engineering Laboratory Report, "Cold Regions Science and Engineering II-C1" Hanover, New Hampshire, July 1964.

Figure 2. Relationships Between Freezing Temperature and Salinity, and Inversion Temperature and Salinity of Sea Ice

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RADIATION DATA, SOLAR, OPERATIONAL AT ALTITUDE	UNC	000050-01
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SHIP MOTION, ESSFX-CLASS AIRCRAFT CARRIERS, IN VERY ROUGH SEAS	UNC	000745-01
SHIP MOTION, USCGC UNIMAK, NORTH ATLANTIC, WINTER, 1954-1955	UNC	000743-01
SHIP MOTIONS, DD692/931 CLASS DESTROYERS IN HEAVY SEAS	UNC	000742-01
SHIP MOTIONS, SS SILVER MARINER, NEW YORK-BREMERHAVEN, GERMANY	UNC	000746-01
SHIP MOTIONS, T-2 TANKER, ESSO ASHVILLE, NORMAL OPERATIONS	UNC	000747-01
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SHOCK AND ACCELERATION DATA FOR VARIOUS MEANS OF TRANSPORT	UNC	000344-01
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SHOCK DATA, AIRCRAFT/CARGO/	UNC	000334-01
SHOCK DATA, PAIL	UNC	000296-01
SHOCK DATA, RAIL BOXCAR	UNC	000299-03
SHOCK DATA, RAIL BOXCAR	UNC	000291-04
SHOCK DATA, RAIL BOXCAR	UNC	000292-02
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SHOCK DATA, RAILROAD SWITCHING	UNC	000293-02
SHOCK DATA, RAILROAD SWITCHING	UNC	000295-02
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SHOCK ZONES REGISTERED IN CARGO DURING HANDLING	UNC	000814-01
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SHOCKS IN TRAINS WHEN STOPPING, STARTING AND SWITCHING	UNC	000300-01
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SOLAR SHORT WAVELENGTH SPECTRAL IRRADIANCE	UNC	000483-01
SOLAR SPECTRAL INTENSITY AS A FUNCTION OF WAVELENGTH	UNC	001023-01
SOLAR WIND, BASE LEVEL AND VELOCITY	UNC	000488-01
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SOUND PRESSURE LEVEL ABOVE GROUND, TITAN SILO LAUNCH	UNC	000665-01
SOUND PRESSURE LEVEL VS ANGLE AT 100 FT, F84F AT 100% RPM	UNC	000627-01
SOUND PRESSURE LEVEL VS ANGLE AT 100 FT, F84G AT 100% RPM	UNC	000629-01
SOUND PRESSURE LEVEL VS ANGLE AT 100 FT, F86D W/AFTERBURNERS	UNC	000819-01
SOUND PRESSURE LEVEL VS ANGLE AT 100 FT, F89D AT 100% RPM	UNC	000633-01
SOUND PRESSURE LEVEL VS ANGLE AT 100 FT, B57 AT 100% RPM	UNC	000643-01
SOUND PRESSURE LEVEL VS ANGLE AT 200 FEET, C124, 2 ENGINES UP	UNC	000612-01
SOUND PRESSURE LEVEL VS ANGLE AT 200 FEET, C124, 3 ENGINES UP	UNC	000613-01
SOUND PRESSURE LEVEL VS ANGLE, F89D, AFTERBURNER, 1 ENGINE	UNC	000634-01
SOUND PRESSURE LEVEL VS ANGLE, F89D, AFTERBURNERS	UNC	000635-01
SOUND PRESSURE LEVEL-ACTUAL VS MODEL DATA, TITAN SILO LAUNCH	UNC	000663-01
SOUND PRESSURE LEVEL, AVERAGE, COMPARISON OF C133A AND C124	UNC	000615-01
SOUND PRESSURE LEVEL, COMPUTED VS MEASURED, TITAN SILO LAUNCH	UNC	000664-01
SOUND PRESSURE LEVEL, GUIDANCE BAY, TITAN, SILO LAUNCH	UNC	000662-01
SOUND PRESSURE LEVEL, OVERALL VS ANGLE AT 100 FT, B57	UNC	000642-01
SOUND PRESSURE LEVEL, OVERALL, CABIN, C133 AIRCRAFT	UNC	000617-01
SOUND PRESSURE LEVEL, OVERALL, FOR SIX TURBOJET AIRCRAFT, 100 FT	UNC	000619-01
SOUND PRESSURE LEVEL, OVERALL, FOR 4 TURBOJET AIRCRAFT, 400 FT	UNC	000621-01
SOUND PRESSURE LEVEL, OVERALL, FOR 5 TURBOJET AIRCRAFT, 200 FT	UNC	000620-01
SOUND PRESSURE LEVEL, OVERALL, F84F AT 100 FEET	UNC	000828-01
SOUND PRESSURE LEVEL, OVERALL, MAXIMUM, 4 USAF TURBOJET A/C	UNC	000623-01
SOUND PRESSURE LEVEL, OVERALL, VARIATION, B47 SURFACE/BOMB BAY	UNC	000649-01
SOUND PRESSURE LEVEL, OVERALL, VS ANGLE, B57 1-2 ENGINE	UNC	000641-01
SOUND PRESSURE LEVEL, OVERALL, VS ANGLE, F84G AT 100 FT	UNC	000628-01
SOUND PRESSURE LEVEL, OVERALL, VS ANGLE, F89D 1 AND 2 ENGINES	UNC	000632-01
SOUND PRESSURE LEVEL, OVERALL, 2 TURBOJET A/C, WITH AFTERBURNER	UNC	000622-01
SOUND PRESSURE LEVEL, PREDICTED, FOR F111	UNC	000654-01
SOUND PRESSURE LEVEL, RANGE SAFETY COMPARTMENT, TITAN, LAUNCH	UNC	000661-01
SOUND PRESSURE LEVEL, TITAN INTERSTAGE COMPARTMENT, LAUNCH	UNC	000660-01
SOUND PRESSURE LEVELS, NEAR ROCKETS OF 100-300,000 LB THRUST	UNC	000659-05
SOUND PRESSURE SPECTRA ON SURFACE AND INSIDE B47 BOMB BAY	UNC	000648-01
SPACE GRADIENT VOLTAGE OF ATMOSPHERE DURING THUNDERSTORM	UNC	000462-01
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SPL AT 250 FT VS ANGLE FOR ROCKETS, THRUST 1000 TO 130,000 LBS	UNC	000658-04
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STATIC ELECTRICITY-ELECTRICAL CHARACTERISTICS OF ATMOSPHERE	UNC	000460-02
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TEMPERATURE AND PRECIPITATION DATA, ALASKA	UNC	000024-15
TEMPERATURE AND PRECIPITATION, MEAN, WHITE SANDS	UNC	000004-01
TEMPERATURE AND WIND VELOCITIES IN ANTARCTICA	UNC	000891-01
TEMPERATURE ATMOSPHERES, EXTREME	UNC	000045-03
TEMPERATURE DATA/STORAGE, ARCTIC/	UNC	000070-01
TEMPERATURE DATA/STORAGE, ARCTIC, OPEN/	UNC	000071-01

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TEMPERATURE DATA/STORAGE,DESERT,PERMANENT/	UNC	000051-01
TEMPERATURE DATA/STORAGE,DESERT,TEMPORARY/	UNC	000072-01
TEMPERATURE DATA/STORAGE,PERMANENT,ARCTIC	UNC	000053-01
TEMPERATURE DATA/STORAGE,TROPICS,OPEN/	UNC	000075-01
TEMPERATURE DATA/STORAGE,TROPICS,TEMPORARY/	UNC	000074-01
TEMPERATURE DATA,OPERATION AT ALTITUDE	UNC	000028-01
TEMPERATURE DATA,OPERATIONAL	UNC	000027-01
TEMPERATURE DATA,STORAGE/DESERT/	UNC	000073-01
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TEMPERATURE EFFECT ON THE ABSORPTIVITY OF VARIOUS MATERIALS	UNC	000081-01
TEMPERATURE EXTREMES IN STORAGE	UNC	000083-01
TEMPERATURE EXTREMES IN TRANSIT	UNC	000084-01
TEMPERATURE PROFILES IN THE UPPER LAYERS OF AN ICE SHELF	UNC	000083-01
TEMPERATURE REGIME FOR ARCTIC DAYS	UNC	000022-02
TEMPERATURE REGIME FOR DESERT REGIONS	UNC	000006-02
TEMPERATURE REGIME FOR TROPIC REGIONS	UNC	000010-02
TEMPERATURE RISE IN NIKE-AJAX WHEN STORED IN THE OPEN DESERT	UNC	000077-01
TEMPERATURE RISE,RAM AIR,ALTITUDE AND VELOCITY EFFECTS	UNC	000087-01
TEMPERATURE SHOCK DURING STORAGE,HANDLING AND TRANSPORTATION	UNC	000083-01
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TEMPERATURE,AVERAGE MONTHLY,ARMY WAREHOUSES	UNC	000052-01
TEMPERATURE,AVERAGE,CAPE CANAVERAL	UNC	000014-01
TEMPERATURE,AVERAGE,EGLIN TEST FACILITY	UNC	000015-01
TEMPERATURE,BOMB BAY,B47B,AMBIENT VS TIME,ARCTIC STORAGE	UNC	000097-01
TEMPERATURE,CLIMATIC-BADWATER,DEATH VALLEY	UNC	000001-05
TEMPERATURE,C133 CARGO COMPARTMENT,HIGH + LOW HEATER SETTING	UNC	000080-02
TEMPERATURE,DAILY MAXIMUM,FREQUENCY BELOW SPECIFIED,ALASKA	UNC	000026-09
TEMPERATURE,EXPOSED ALUMINUM AND WHITE PAINTED ATMX CARS	UNC	000085-01
TEMPERATURE,EXTREMES/DURATION,FOR STORAGE,HANDLING,TRANSPORT	UNC	000080-02
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TEMPERATURE,HUMIDITY,PRECIPITATION,MEAN,YUMA TEST STATION	UNC	000003-08
TEMPERATURE,INDUCED,TYPICAL RE-ENTRY BODY	UNC	000101-01
TEMPERATURE,INTERNAL AIR,RAILROAD BOXCAR EXPOSED TO HOT SUN	UNC	000081-01
TEMPERATURE,INTERNAL AIR,RAILROAD BOXCAR IN DESERT	UNC	000056-01
TEMPERATURE,KINETIC VS GEOMETRIC ALTITUDE	UNC	000035-01
TEMPERATURE,MINIMA,IGLOO STORAGE,GERMANY,ITALY,KOREA	UNC	000055-01
TEMPERATURE,OVERALL,RANGES	UNC	000082-01
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TEMPERATURE,RELATIVE HUMIDITY,AMBIENT,TIME RELATED,DESERT	UNC	000005-01
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TEMPERATURE,TROPIC AND POLAR STANDARD ATMOSPHERE	UNC	000012-01
TEMPERATURE,UPPER AIR	UNC	000030-01
TEMPERATURE,VENUS ATMOSPHERE	UNC	000095-01
TEMPERATURE,WORLDWIDE,SURFACE AND UPPER AIR	UNC	000031-04
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TEMPERATURES AND RELATIVE HUMIDITY,SHIP HOLD	UNC	000058-01
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TEMPERATURES OF SNOW IN STORAGE AREAS IN ANTARCTICA	UNC	000086-01
TEMPERATURES OF VARIOUS GUNS UNDER STANDARD/RAPID FIRE	UNC	000132-33
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TEMPERATURES,AIRCRAFT COMPARTMENT	UNC	000062-01
TEMPERATURES,BOMB BAY,B47B,AMBIENT VS TIME,DESERT STORAGE	UNC	000096-01

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TEMPERATURES,CALIFORNIA	UNC	C00019-07
TEMPERATURES,CARGO COMPARTMENT,C119C AIRCRAFT,ALASKA,WINTER	UNC	000061-01
TEMPERATURES,COMPARTMENT,C141A	UNC	000066-01
TEMPERATURES,ELEVATED,PERCENT OF STOCKPILE LIFE AT,DESERT	UNC	000049-01
TEMPERATURES,FREEZING AND INFUSION VS SALINITY IN SEA ICE	UNC	000840-01
TEMPERATURES,HIGH ALTITUDE AIRFIELDS,WESTERN HEMISPHERE	UNC	000079-01
TEMPERATURES,LOW,EXPECTANCY OF	UNC	000033-01
TEMPERATURES,LOWEST EVER OBSERVED	UNC	000034-01
TEMPERATURES,MAXIMUM AND MINIMUM,AT SEA	UNC	000059-01
TEMPERATURES,MAXIMUM/MINIMUM,IN AIR AND AIRCRAFT CARGO HOLDS	UNC	000064-01
TEMPERATURES,MINIMUM AND MAXIMUM,ON LAND	UNC	000044-01
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TEMPERATURES,PROBABLE,DURING A FIVE YEAR PERIOD IN THE USA	UNC	000679-01
TEMPERATURES,RESULTANT,IN THE PRESENCE OF WIND-WINDCHILL	UNC	000047-01
TEMPERATURES,SFA SURFACE,WORLDWIDE	UNC	000043-02
TEMPERATURES,SURFACE,ON ANTARCTIC ICE SHEET	UNC	000838-01
TEMPERATURES,SURFACE,ON GREENLAND ICE SHEET	UNC	000837-01
TEMPERATURES,UPPER AIR,FREQUENCY DISTRIBUTION OF,MIDDLE LAT.	UNC	000036-01
TEMPERATURES,UPPER AIR,FREQUENCY DISTRIBUTION OF,WINTER,ARCTIC	UNC	000037-01
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THE ENVIRONMENT OF THE MOON	UNC	000911-01
THERMAL FLYAROUND TEST 114-100,B57 ON F4C AIRCRAFT	UNC	001041-15
THUNDERSTORM FREQUENCY IN THE CONTINENTAL UNITED STATES	UNC	000998-01
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TROPICAL DAYS,REPRESENTATIVE	UNC	000008-06
TROPICS,HUMID,TYPICAL DAILY WEATHER IN	UNC	000009-01
VIBRATION AMPLITUDE ENVELOPE,IN VARIOUS PARTS OF AIRCRAFT	UNC	000419-01
VIBRATION COUNTS/MILE,RAIL CAR,AS FUNCTION OF CAR SPEED	UNC	C00364-01
VIBRATION DATA,AIRCRAFT	UNC	C00424-01
VIBRATION DATA,AIRCRAFT FUSELAGE CENTER SECTION	UNC	C00425-01
VIBRATION DATA,AIRCRAFT,JET,FUSELAGE SECTION	UNC	000429-01
VIBRATION DATA,AIRCRAFT,JET,IN FLIGHT	UNC	000430-01
VIBRATION DATA,H21 HELICOPTER	UNC	000431-01
VIBRATION DATA,RAIL	UNC	C00357-01
VIBRATION DATA,RAIL BOXCAR	UNC	C00356-01
VIBRATION DATA,SHIPS	UNC	C00405-01
VIBRATION DATA,SHIPS IN STRAIGHT RUNS AT VARIOUS SPEEDS	UNC	000407-01
VIBRATION DATA,SHIPS,HIGH SPEED MANEUVER AND CRASH BACK	UNC	000409-01
VIBRATION DATA,TYPICAL,VAN TRAILER,NORMAL SUSPENSION	UNC	000397-01
VIBRATION DISTRIBUTION IN A CAREFULLY DRIVEN VAN-TRAILER	UNC	000942-20
VIBRATION ENVELOPE,FUSELAGE,EMPENAGE,RECIPROCATING ENGINE A/C	UNC	000574-01
VIBRATION ENVELOPE,AIR-TO-AIR MISSILES	UNC	B00956-07
VIBRATION ENVELOPE,AIR-TO-SURFACE MISSILES	UNC	B00957-01
VIBRATION ENVELOPE,AIRCRAFT,ALL TYPES	UNC	A00987-06
VIBRATION ENVELOPE,ANTI-SUBMARINE MISSILE	UNC	B00960-04
VIBRATION ENVELOPE,ICBM MISSILES	UNC	B00955-07
VIBRATION ENVELOPE,IRBM MISSILES	UNC	B00958-03
VIBRATION ENVELOPE,MISSILES,ALL TYPES	UNC	A00972-03
VIBRATION ENVELOPE,PICKUP LOCATION-C133A	UNC	000427-04
VIBRATION ENVELOPE,SURFACE-TO-AIR MISSILES	UNC	B00971-07
VIBRATION ENVIRONMENT PRODUCED DURING RAIL TRANSPORT	UNC	C00366-01
VIBRATION IN ROAD VEHICLES	UNC	000374-01
VIBRATION IN SHIPS	UNC	C00416-01
VIBRATION MAXIMA,HELICOPTER,BRISTOL TYPE 171 AND 173	UNC	000432-01
VIBRATION MEASUREMENTS ON SHIPBOARD DURING TRANSPORT	UNC	C00202-01
VIBRATION ON BFD OF LOADED M-410 CARGO TRUCK	UNC	000388-05

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VIBRATION ON BED OF LOADED 10 TON 6X6 M125 CARGO TRUCK	UNC	000393-05
VIBRATION ON FLOOR, TRUCK, COMMAND, RECONNAISSANCE, 1/2 TON 4X4	UNC	000382-01
VIBRATION ON PYLON OF P3V-1 AIRCRAFT CARRYING MK101	UNC	000575-03
VIBRATION SPECTRA OF ROCKETS AND RAMJETS, MEASURED/CALCULATED	UNC	000436-01
VIBRATION SPECTRA, MILITARY TRUCK	UNC	000378-01
VIBRATION SPECTRA, SHIPBOARD TRANSPORT	UNC	000406-01
VIBRATION SUMMARY, B58 AIRCRAFT	UNC	000976-20
VIBRATION SUMMARY, FJ4 AIRCRAFT	UNC	000435-83
VIBRATION SUMMARY, F100 AIRCRAFT	UNC	000671-39
VIBRATION SUMMARY, F102 AIRCRAFT	UNC	000711-41
VIBRATION SURVEY OF USS MIDWAY (CVB41)	UNC	000412-01
VIBRATION TEST OF CARGO TRUCK, ABERDEEN PG TEST COURSE	UNC	000386-09
VIBRATION TEST OF HANGER SPACE ON USS LOS ANGELES (CA135)	UNC	000417-01
VIBRATION TEST, MINUTEMAN FIRST STAGE ROCKET MOTOR TRANSPORT	UNC	000398-05
VIBRATION TEST, PERSHING MISSILE SYSTEM SHIPPING CONTAINERS	UNC	000400-04
VIBRATION TESTS, RAILROAD, SPEED 40MPH	UNC	000358-01
VIBRATION TESTS, RAILROAD, SPEED 73MPH	UNC	000359-01
VIBRATION TESTS, RAILROAD, SPEED 80MPH	UNC	000360-01
VIBRATION TRIALS-USS PHILLIPINE SEA (CV47)	UNC	000413-01
VIBRATION, SNARK MISSILE	UNC	000710-01
VIBRATION-ACCELERATION IN WEAPON CARRIER, JEEP, HALF TRACK, ETC	UNC	000369-01
VIBRATION-ACCELERATIONS IN HIGHWAY OPERATION OF TRUCKS	UNC	000370-01
VIBRATION-MAXIMUM ACCELERATIONS FOR VARIOUS VEHICLES	UNC	000368-01
VIBRATION-MAXIMUM ACCELERATIONS IN TRAIN	UNC	000365-01
VIBRATION/SHOCK DATA FOR TRACTOR-TRAILER, NORMAL OPERATION	UNC	000395-01
VIBRATION, RAILROAD CONTINUOUS AND TRANSIENT	UNC	001031-01
VIBRATION, ACOUSTIC, WIND DATA, THOR AND ATLAS LAUNCHED AGENA	UNC	001028-62
VIBRATION, ACOUSTIC, WIND DATA, THOR AND ATLAS LAUNCHED AGENA	UNC	001029-62
VIBRATION, BED, TRUCK M-37, 3/4 TON, 4X4, LOADED	UNC	000385-05
VIBRATION, C-123 FLOOR, LONGITUDINAL, VERTICAL, LATERAL AXES	UNC	000851-01
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	HUMIDITY, CLIMATIC, TUCSON, ARIZONA	UNC	000220-04
	HUMIDITY IN THE PERSIAN GULF REGION	UNC	000221-01
	HUMIDITY VARIATIONS, MARINE TROPIC ATMOSPHERE, HEAVY STORM	UNC	000222-01
	HUMIDITY VARIATIONS WITH ALTITUDE, MARINE POLAR ATMOSPHERE	UNC	000223-03
	MOISTURE VAPOR CONCENTRATION/DISTRIBUTION IN THE ATMOSPHERE	UNC	000224-03
	MOISTURE CONTENT, ATMOSPHERIC	UNC	000225-01
	RELATIVE HUMIDITY, TYPICAL HIGH AND LOW READINGS	UNC	000226-01
	HUMIDITY, SPECIFIC AND RELATIVE, LATITUDINAL DISTRIBUTION OF	UNC	000227-01
	HUMIDITY, RELATIVE, IN DESERT, TROPICS, ARCTIC AND IN SHIPHOLDS	UNC	000229-01
	HUMIDITY EXTREMES, PROBABLE, FOR STORAGE AND TRANSIT	UNC	000230-01
STORAGE			
	TEMPERATURE DATA/STORAGE, TROPICS, TEMPORARY/	UNC	000074-01
	TEMPERATURE DATA/STORAGE, TROPICS, OPEN/	UNC	000075-01
	HUMIDITY, RELATIVE, TYPICAL DAILY, STORAGE CYCLES	UNC	000231-01
TRANSPORT			
AIRCRAFT			
SHIP			
	TEMPERATURES AND RELATIVE HUMIDITY, SHIP HOLD	UNC	000058-01
	HUMIDITY, RELATIVE, ABOARD SHIP	UNC	000232-01
OTHER			
	ENVIRONMENT CONDITIONS PREVAILING DURING TRANSIT	UNC	000078-01
UTILIZATION			
AIRCRAFT			
AIRCRAFT AND MISSILE			
MISSILE			
OTHER			
RESPONSE			
GENERAL			
STORAGE			
TRANSPORT			
AIRCRAFT			
SHIP			
OTHER			
UTILIZATION			
AIRCRAFT			
AIRCRAFT AND MISSILE			
MISSILE			
OTHER			

CATEGORY	TITLE	CLASS.	SERIAL-NO
PRECIPITATION	INPUT		
	GENERAL		
	TEMPERATURE, HUMIDITY, PRECIPITATION, MEAN, YUMA TEST STATION	UNC	000003-08
	TEMPERATURE AND PRECIPITATION, MEAN, WHITE SANDS	UNC	000004-01
	TEMPERATURE, HUMIDITY, PRECIPITATION, MEAN, TUCSON, ARIZONA	UNC	000007-12
	TROPICAL DAYS, REPRESENTATIVE	UNC	000008-06
	TEMPERATURE, PRECIPITATION, HUMIDITY, AVERAGE, POINT MUGU	UNC	000016-01
	TEMPERATURE AND PRECIPITATION DATA, ALASKA	UNC	000024-15
	ELECTROSTATIC FIELDS IN THE ATMOSPHERE	UNC	000459-02
	SNOW COVER, WORLD DISTRIBUTION OF	UNC	000832-01
	GLACIERS IN THE ANTARCTIC REGIONS	UNC	000833-01
	GLACIERS, DISTRIBUTION OF IN THE ARCTIC REGIONS	UNC	000834-01
	SNOW, EVAPORATION AND CONDENSATION TEMPERATURES FOR	UNC	000835-01
	PRECIPITATION, HOLLOMAN AFB, NEW MEXICO	UNC	000233-01
	PRECIPITATION IN TROPIC, ARCTIC AND DESERT ZONES	UNC	000234-03
	PRECIPITATION, TYPICAL, OF A WET-TROPICAL CLIMATE	UNC	000235-01
	PRECIPITATION, AVERAGE, CAPE CANAVERAL	UNC	000236-01
	RAINFALL, AVERAGE RATES OF	UNC	000237-01
	RAINFALL, WORLD RECORD	UNC	000238-01
	RAINDROPS, FALLING, CHARACTERISTICS OF	UNC	000239-01
	RAINDROPS, DISTRIBUTION OF IN NATURAL RAIN	UNC	000240-04
	SNOW FALL RATE AND SNOW LOAD, PROBABLE MAXIMA	UNC	000241-01
	SNOWFALLS, HEAVIEST RECORDED AND DEPTH OF SNOW COVERS	UNC	000242-01
	SNOW WEIGHTS USED BY RUSSIAN ARCHITECTS	UNC	000244-01
	SNOW, GENERAL CHARACTERISTICS OF	UNC	000245-02
	SNOW, ENGINEERING PROPERTIES OF	UNC	000246-13
	SNOW, VENTILATED, THERMAL CONDUCTIVITY OF	UNC	000249-03
	HAILSTONES, SIZE, TERMINAL VELOCITIES, DISTRIBUTION OF	UNC	000250-01
	HAIL, FREQUENCY AND DISTRIBUTION OF, FLIGHT THRU THUNDERSTORM	UNC	000251-01
	RAIN, SNOW, ICE, CONCENTRATION IN EARTH'S ATMOSPHERE	UNC	000252-02
	ICING, METEOROLOGICAL CRITERIA OF	UNC	000253-01
	HUMIDITY, CLIMATIC, YUMA, ARIZONA	UNC	000219-02
	HUMIDITY, CLIMATIC, TUCSON, ARIZONA	UNC	000220-04
	HUMIDITY VARIATIONS, MARINE TROPIC ATMOSPHERE, HEAVY STORM	UNC	000222-01
	HUMIDITY VARIATIONS WITH ALTITUDE, MARINE POLAR ATMOSPHERE	UNC	000223-03
	HANDLING		
	STORAGE		
	TEMPERATURES OF SNOW IN STORAGE AREAS IN ANTARCTICA	UNC	000886-01
	TRANSPORT		
	AIRCRAFT		
	STATIC ELECTRICITY ACCUMULATION ON HELICOPTERS	UNC	000463-01
	AUTOMOBILE		
	RAILROAD		
	SHIP		
	OTHER		
	ENVIRONMENT CONDITIONS PREVAILING DURING TRANSIT	UNC	000078-01
	UTILIZATION		
	AIRCRAFT		
	AIRCRAFT AND MISSILE		
	MISSILE		
	OTHER		
RESPONSE			
	GENERAL		
	HANDLING		
	STORAGE		
	TRANSPORT		
	AIRCRAFT		

CATEGORY

TITLE

CLASS. SERIAL-NO

AUTOMOBILE

RAILROAD

SHIP

CTHER

UTILIZATION

AIRCRAFT

AIRCRAFT AND MISSILE

MISSILE

CTHER

RAIN EROSION ASPECTS OF AIRCRAFT AND GUIDED MISSILES

UNC 000913-01

CATEGORY	TITLE	CLASS.	SERIAL-NO
PRESSURE			
INPUT			
GENERAL			
	THE ENVIRONMENT OF THE MOON	UNC	000911-01
	MARS MODEL ATMOSPHERE	UNC	000950-01
	PRESSURE, TYPICAL DAILY VS TIME OF DAY	UNC	000140-01
	PRESSURE CHANGES, ATMOSPHERIC, SURFACE, EXTREMES	UNC	000142-01
	BAROMETRIC VALUES, MAXIMUM NORMAL VARIATION, UNITED STATES	UNC	000143-01
	ATMOSPHERE, STANDARD, PROPERTIES-HIGH ALTITUDE CHART	UNC	000144-01
	ATMOSPHERE, US STANDARD, 1962, AND DEVIATIONS EXPECTED	UNC	000146-03
TRANSPORT			
AIRCRAFT			
	PRESSURE CHANGES, ATMOSPHERIC, AIRCRAFT CARGO HOLDS	UNC	000147-01
	PERFORMANCE AND LOADING-C130B	UNC	000148-01
	PERFORMANCE AND LOADING-C133A	UNC	000149-01
	FLIGHT PROFILE, NORMAL, C133 CARGO AIRCRAFT	UNC	000150-01
	FLIGHT PROFILE, NORMAL, C124 CARGO AIRCRAFT	UNC	000151-01
OTHER			
UTILIZATION			
AIRCRAFT			
	ALTITUDE, HIGH, ALTERNATE MISSIONS, FIAT G91 R/4-B OR. 803 ENGINE	UNC	000153-01
	ALTITUDE, LOW, ALTERNATE MISSIONS, FIAT G91 R/4-B OR. 80302 ENG.	UNC	000154-01
	PROFILES, ALTITUDE, TYPICAL, FLOWN DURING B52 QUALIFICATION	UNC	000157-05
	PROFILE, FLIGHT, F105D	UNC	000172-01
AIRCRAFT AND MISSILE			
MISSILE			
	PRESSURE, MK2 R/V DURING TIGERFISH FLIGHT TEST	UNC	000200-01
	FLIGHT DATA FROM TITAN III VEHICLES	UNC	001016-63
OTHER			
	TEMPERATURE DATA, OPERATIONAL	UNC	000027-01
	TEMPERATURE DATA, OPERATION AT ALTITUDE	UNC	000028-01
	PRESSURE, COEFFICIENTS	UNC	000192-01
	PRESSURE, BLAST, 20MM CANNON, FUNCTION OF DISTANCE FROM MUZZLE	UNC	000213-01
	PRESSURE-TIME OSCILLOGRAMS, GUN CHAMBER, FOR VARIOUS GUNS	UNC	000214-12
	DENSITY, VENUS ATMOSPHERE	UNC	000896-01
	PRESSURE, MARS ATMOSPHERE	UNC	000898-01
	DENSITY, MARS ATMOSPHERE	UNC	000899-01
RESPONSE			
GENERAL			
TRANSPORT			
AIRCRAFT			
OTHER			
UTILIZATION			
AIRCRAFT			
AIRCRAFT AND MISSILE			
MISSILE			
OTHER			

CATEGORY

TITLE

CLASS. SERIAL-NU

RADIATION

INPUT

GENERAL

TEMPERATURE,HUMIDITY,PRECIPITATION,MEAN,YUMA TEST STATION	UNC	000003-08
TEMPERATURE,RELATIVE HUMIDITY,AMBIENT,TIME RELATED,DESERT	UNC	000005-01
TEMPERATURE,HUMIDITY,PRECIPITATION,MEAN,TUCSON,ARIZONA	UNC	000007-12
TROPICAL DAYS,REPRESENTATIVE	UNC	000008-06
TROPICS,HUMID,TYPICAL DAILY WEATHER IN	UNC	000009-01
ELECTROSTATIC FIELDS IN THE ATMOSPHERE	UNC	000459-02
STATIC ELECTRICITY-ELECTRICAL CHARACTERISTICS OF ATMOSPHERE	UNC	000460-02
ELECTROMAGNETIC ENERGY ON SURFACE OF NEAR EARTH SATELLITE	UNC	000461-01
SPACE GRADIENT VOLTAGE OF ATMOSPHERE DURING THUNDERSTORM	UNC	000462-01
VOLTAGE AND CURRENT CHARACTERISTICS OF LIGHTNING STRIKE	UNC	000464-02
LIGHTNING,CHARACTERISTICS OF,SUMMARY	UNC	000465-01
NUCLEAR PARTICLES NORMAL TO THE ATMOSPHERE OF THE EARTH	UNC	000466-01
NUCLEAR RADIATION,FROM GROUND SURFACE TO SOLAR SYSTEM LIMITS	UNC	000467-03
RADIATION ONSES IN SPACE,CURRENT ESTIMATE	UNC	000468-01
RADIATION,SOLAR,AT EARTH S SURFACE AND ATMOSPHERE S EDGE	UNC	000479-03
RADIATION DATA,SOLAR	UNC	000480-01
IONIZED LAYERS IN THE EARTH S ATMOSPHERE	UNC	000481-02
RADIATION,SOLAR,MAXIMUM INTENSITIES AT VARIOUS ALTITUDES	UNC	000482-01
SOLAR SHORT WAVELENGTH SPECTRAL IRRADIANCE	UNC	000483-01
SOLAR CONSTANTS OF THE PLANETS OUTSIDE THEIR ATMOSPHERES	UNC	000484-01
RADIATION CURVES,BLACKBODY	UNC	000485-01
RADIANT ENERGY,SOLAR,SPECTRAL DISTRIBUTION,EARTH S SURFACE	UNC	000486-01
RADIATION,SOLAR,ENERGY IN VARIOUS WAVELENGTHS	UNC	000487-01
SOLAR WIND,BASE LEVEL AND VELOCITY	UNC	000488-01
RADIATION,SOLAR VS ALTITUDE	UNC	000489-01
RADIATION,SOLAR,ISOLINE AT EARTH S SURFACE	UNC	000490-01
ENERGY,SOLAR,LATITUDINAL DISTRIBUTION ON A FLAT SURFACE	UNC	000491-01
RADIATION,SOLAR,ON PACKAGES DIRECTLY EXPOSED TO THE SUN	UNC	000493-01
ENERGY SPECTRUM,PROTONS ABLE TO PENETRATE MORE THAN 6GM/SQCM	UNC	000494-01
RADIATION,MEAN DAILY TOTAL,FLAT SURFACE,LOCATIONS US/CANADA	UNC	000495-04
RADIATION,SOLAR,RECOMMENDED DAILY CYCLES FOR HOT DESERTS	UNC	000496-01
FLUXES AND ENERGIES OF INNER AND OUTER VAN ALLEN BELTS	UNC	000497-01
RADIATION REGIONS,VAN ALLEN,OBSERVATIONS,AUGUST,SEPTEMBER 59	UNC	000498-01
ABSOLUTE ELECTRON INTENSITIES IN EARTH S OUTER RADIATIVEZONE	UNC	000499-01
RADIATION DATA,VAN ALLEN BELT SUMMARY	UNC	000500-03
RADIATION,COSMIC	UNC	000501-04
RADIATION,DIRECT THERMAL	UNC	000502-01
THE ENVIRONMENT OF THE MOON	UNC	000912-01
THUNDERSTORM FREQUENCY IN THE CONTINENTAL UNITED STATES	UNC	000998-01
PROPERTIES OF LIGHTNING STROKES	UNC	000999-01
LIGHTNING THREAT TO AIRCRAFT	UNC	001000-02
SOME CHARACTERISTICS OF TROPICAL THUNDERSTORMS	UNC	001007-02
INSOLATION,MONTHLY MAPS OF MEAN DAILY,FOR THE UNITED STATES	UNC	000831-06
INSOLATION,ANNUAL,AT THE SURFACE OF THE EARTH	UNC	000836-01
TEMPERATURE,EXTREMES/DURATION,FOR STORAGE,HANDLING,TRANSPORT	UNC	000080-02
SPACE RADIATION SUMMARY	UNC	000914-02
RADIATION ENVIRONMENT OF THE GEOMAGNETOSPHERE	UNC	000915-02
SOLAR-FLARE-TIME BEHAVIOR	UNC	000916-01
SOLAR SPECTRAL INTENSITY AS A FUNCTION OF WAVELENGTH	UNC	001023-01
STORAGE		
TEMPERATURE DATA,STORAGE/DESERT/	UNC	000073-01
TRANSPORT		
AIRCRAFT		
STATIC ELECTRICITY ACCUMULATION ON HELICOPTERS	UNC	000463-01
HELICOPTER STATIC ELECTRICITY MEASUREMENTS	UNC	000503-03

CATEGORY

TITLE	CLASS.	SERIAL-NU
ELECTROMAGNETIC ENVIRONMENT, POWER QUALITY TEST, B52F/GAM87A	UNC	000504-01
ELECTROMAGNETIC ENVIRONMENT, POWER QUALITY TEST-B52G/GAM87A	UNC	000505-01
AUTOMOBILE		
RAILROAD		
TEMPERATURE, INTERNAL AIR, RAILROAD BOXCAR IN DESERT	UNC	000056-01
TEMPERATURE, INTERNAL AIR, RAILROAD BOXCAR EXPOSED TO HOT SUN	UNC	000881-01
TEMPERATURE, EXPOSED ALUMINUM AND WHITE PAINTED ATMX CARS	UNC	000885-01
SHIP		
OTHER		
ENVIRONMENT CONDITIONS PREVAILING DURING TRANSIT	UNC	000078-01
UTILIZATION		
AIRCRAFT		
AIRCRAFT AND MISSILE		
MISSILE		
OTHER		
RADIATION DATA, SOLAR, OPERATIONAL AT ALTITUDE	UNC	000050-01
TRAPPED RADIATION ENVIRONMENT	UNC	001040-01
RESPONSE		
GENERAL		
RADIATION, NUCLEAR, EFFECT ON RELAYS AND SWITCHES	UNC	000779-01
TEMPERATURE EFFECT ON THE ABSORPTIVITY OF VARIOUS MATERIALS	UNC	000081-01
RADIATION EFFECTS ON VARIOUS PRINTED CIRCUIT BOARDS	UNC	000529-01
RADIATION, NUCLEAR, EFFECTS ON TRANSFORMERS	UNC	000530-01
RADIATION, NUCLEAR, EFFECT ON PRINTED CIRCUIT BOARDS	UNC	000531-01
RADIATION, NUCLEAR, EFFECTS ON CAPACITORS	UNC	000532-03
RADIATION, NUCLEAR, EFFECTS ON RESISTORS	UNC	000533-01
RADIATION, NUCLEAR, EFFECTS ON SILICON THERMISTORS	UNC	000534-01
RADIATION, NUCLEAR, EFFECTS ON METAL-OXIDE THERMISTORS	UNC	000535-01
RADIATION, NUCLEAR, EFFECTS ON INSULATORS	UNC	000536-01
RADIATION, NUCLEAR, EFFECT, LOW TEMPERATURE ELASTOMERS/PLASTICS	UNC	000537-03
RADIATION, NUCLEAR, EFFECT ON RUBBER AND PLASTICS	UNC	000538-01
STORAGE		
TEMPERATURES, MISSILE, WHEN EXPOSED TO DESERT CONDITIONS	UNC	000540-01
TRANSPORT		
AIRCRAFT		
AUTOMOBILE		
RAILROAD		
SHIP		
OTHER		
UTILIZATION		
AIRCRAFT		
AIRCRAFT AND MISSILE		
MISSILE		
OTHER		

CATEGORY	TITLE	CLASS.	SERIAL-NO
SHOCK	INPUT		
	GENERAL		
	HANDLING		
	SHOCK MEASUREMENTS, DOCKSIDE/SHIPBOARD HANDLING	UNC	000335-01
	PACKAGE DROPPED ON EARTH, WOOD AND CONCRETE FLOORS	UNC	000337-01
	SHOCKS TABULATED ON BOXES DROPPED ON CONCRETE AND PACKED SOIL	UNC	000339-01
	IMPACTS DUE TO LARGE DROPS WHEN LOADING	UNC	000342-01
	PACKAGES, TREATMENT OF DURING HANDLING	UNC	000343-01
	SHOCK ZONES REGISTERED IN CARGO DURING HANDLING	UNC	000614-01
	STORAGE		
	DYNAMIC ENVIRONMENT OF M-113 ARMORED PERSONNEL CARRIER	UNC	001005-08
	DYNAMIC ENVIRONMENT ON A FLAT BED TRACTOR/TRAILER (AEC/DDO)	UNC	001006-08
	SHOCK RAIL HUMP SPECIAL DRAFT CAR, TO 12MPH LONGITUDINAL	UNC	001034-04
	TRANSPORT		
	AIRCRAFT		
	SHOCK DATA, AIRCRAFT/CARGO/	UNC	000334-01
	SHOCK ZONES REGISTERED IN AIR CARGO TESTS DURING FLIGHT	UNC	000336-01
	AUTOMOBILE		
	SHOCK DATA-TRUCKS	UNC	000311-01
	SHOCKS FROM ROAD IRREGULARITIES AND TOWBAR SNATCH	UNC	000314-01
	SHOCK AND VIBRATION ENVIRONMENT IN COMMERCIAL TRUCKS/TRAILER	UNC	000315-01
	EVALUATION, ARMY WARHEAD TRANSPORT VAN, OVER-THE-ROAD TESTS	UNC	000316-03
	ENVIRONMENT IN VEHICLES TRAVELING OVER PAVED ROADS	UNC	000317-01
	SHOCKS, FLATBED TRACTOR-TRAILER	UNC	000318-01
	VIBRATION-ACCELERATIONS IN HIGHWAY OPERATION OF TRUCKS	UNC	000370-01
	ACCELERATIONS, MAXIMUM, CARGO SPACE, MILITARY TRANSPORT VEHICLE	UNC	000373-01
	VIBRATION/SHOCK DATA FOR TRACTOR-TRAILER, NORMAL OPERATION	UNC	000395-01
	SHOCK ZONES REGISTERED IN CARGO DURING SURFACE TRANSFER	UNC	000813-01
	RAILROAD		
	SPEEDS, SWITCHING, OBSERVED AT VARIOUS HUMP YARDS	UNC	000284-01
	SPEEDS, SWITCHING, OBSERVATION OF, AT ILLINOIS CENTRAL RR YARDS	UNC	000285-04
	SPEEDS, SWITCHING, OBSERVED	UNC	000286-01
	SHOCK, SWITCHING, RAIL, OCCURANCE OF	UNC	000287-01
	SPEED, SWITCHING, DATA COMPARED WITH NEW DATA, NY CENTRAL RR	UNC	000288-01
	SPEED, HUMMING, FREQUENCY OF IMPACTS AT VARIOUS	UNC	000289-01
	RAIL SWITCHING AND HUMMING OPERATIONS	UNC	000290-01
	SHOCK DATA, RAIL BOXCAR	UNC	000291-04
	SHOCK DATA, RAIL BOXCAR	UNC	000292-02
	SHOCK DATA, RAILROAD SWITCHING	UNC	000293-02
	SHOCK DATA, RAILROAD SWITCHING	UNC	000294-02
	SHOCK DATA, RAILROAD SWITCHING	UNC	000295-02
	SHOCK DATA, RAIL	UNC	000296-01
	SHOCK DATA, RAIL/BOXCAR/	UNC	000297-01
	SHOCKS, RAILROAD SWITCHING ON A SANTA FE BOXCAR	UNC	000298-14
	SHOCK DATA, RAIL BOXCAR	UNC	000299-03
	SHOCKS IN TRAINS WHEN STOPPING, STARTING AND SWITCHING	UNC	000300-01
	ACCELERATIONS, RAILROAD HUMMING, ON A POLARIS MISSILE	UNC	000301-01
	SHOCK, RAILROAD HUMMING	UNC	000302-05
	RAILROAD SWITCHING TEST OF SPECIAL RAIL CAR ATMX 500	UNC	000304-02
	RAIL HUMMING TEST, 500 SERIES ATMX CAR	UNC	000305-08
	PERFORMANCE OF ARMY WARHEAD SECTION TRANSPORTER VS ATMX CAR	UNC	000306-08
	PERFORMANCE-ARMY WARHEAD SECTION TRANSPORTER VS CLASS A CAR	UNC	000307-11
	EVALUATION OF ARMY WARHEAD TRANSPORT VAN DURING RAIL IMPACT	UNC	000308-05
	IMPACT SPEED VS HORIZONTAL TRAVEL OF STRUCK EMPTY CAR	UNC	000309-01
	SHOCK ENCOUNTERED ON A TYPICAL 1400 MILE TRIP LOADED WITH 65	UNC	000310-04
	VIBRATION ENVIRONMENT PRODUCED DURING RAIL TRANSPORT	UNC	000366-01
	SHOCK, RAIL HUMMING 3.4 TO 10 MPH, 3 DIRECTIONS	UNC	001033-10

CATEGORY	TITLE	CLASS.	SERIAL-NU
	SHIP		
	SHOCK SPECTRA, SHIP, TYPICAL	UNC	000333-01
	OTHER		
	SHOCKS EXPERIENCED BY M-113 MISSILE CARRIER IN ROAD TESTS	UNC	000319-02
	SHOCK AND ACCELERATION DATA FOR VARIOUS MEANS OF TRANSPORT	UNC	000344-01
	SHOCK, MAXIMUM, WARHEAD SECTION, PERSHING SYSTEM, XM474 VEHICLE	UNC	000350-01
	SHOCK + VIBRATION DATA OBTAINED FROM TRUCK + RAIL SHIPMENT	UNC	001003-06
	UTILIZATION		
	AIRCRAFT		
	MANEUVER LOADS, F100A AIRCRAFT	UNC	000907-01
	MANEUVER LOADS, F86 AIRCRAFT, COMBAT CONDITIONS	UNC	000908-05
	MANEUVER LOADS, F100D AIRCRAFT	UNC	000909-03
	MANEUVER LOADS, F105 AIRCRAFT	UNC	000943-04
	MANEUVER LOAD DATA, F102A	UNC	000945-07
	LOAD FACTOR COMPARISONS, F84, F86, F94	UNC	000946-05
	MANEUVER LOADS, VARIOUS MODELS OF F-100 AIRCRAFT	UNC	000947-03
	AIRCRAFT AND MISSILE		
	MISSILE		
	SHOCK, BOOSTER, STRYKER II	UNC	000351-03
	FLIGHT DATA FROM TITAN III VEHICLES	UNC	001016-63
	VIBRATION, ACOUSTIC, WIND DATA, THOR AND ATLAS LAUNCHED AGENA	UNC	001028-62
	OTHER		
	PARACHUTE DROP TEST-M113 PERSONNEL CARRIER	UNC	001021-04
RESPONSE			
	GENERAL		
	HANDLING		
	STORAGE		
	DYNAMIC ENVIRONMENT OF M-113 ARMORED PERSONNEL CARRIER	UNC	001005-08
	TRANSPORT		
	AIRCRAFT		
	AUTOMOBILE		
	EVALUATION, ARMY WARHEAD TRANSPORT VAN, OVER-THE-ROAD TESTS	UNC	000316-03
	RAILROAD		
	EVALUATION OF ARMY WARHEAD TRANSPORT VAN DURING RAIL IMPACT	UNC	000308-05
	SHIP		
	OTHER		
	SHOCK + VIBRATION DATA OBTAINED FROM TRUCK + RAIL SHIPMENT	UNC	001003-06
	UTILIZATION		
	AIRCRAFT		
	AIRCRAFT AND MISSILE		
	MISSILE		
	OTHER		

CATEGORY

TITLE	CLASS.	SERIAL-NO
RAIL HUMP TESTS OF USNX BOXCAR	UNC	000878-25
SHIP		
SHOCK SPECTRA, SHIP, TYPICAL	UNC	000333-01
OTHER		
SHOCKS EXPERIENCED BY M-113 MISSILE CARRIER IN ROAD TESTS	UNC	000319-02
SHOCK AND ACCELERATION DATA FOR VARIOUS MEANS OF TRANSPORT	UNC	000344-01
SHOCK, MAXIMUM, WARHEAD SECTION, PERSHING SYSTEM, XM474 VEHICLE	UNC	000350-01
UTILIZATION		
AIRCRAFT		
MANEUVER LOADS, F100A AIRCRAFT	UNC	000907-01
MANEUVER LOADS, F86 AIRCRAFT, COMBAT CONDITIONS	UNC	000908-05
MANEUVER LOADS, F100D AIRCRAFT	UNC	000909-03
MANEUVER LOADS, F105 AIRCRAFT	UNC	000943-04
MANEUVER LOAD DATA, F102A	UNC	000945-07
LOAD FACTOR COMPARISONS, F84, F86, F94	UNC	000946-05
MANEUVER LOADS, VARIOUS MODELS OF F-100 AIRCRAFT	UNC	000947-03
AIRCRAFT AND MISSILE		
MISSILE		
SHOCK, BOOSTER, STRYPI II	UNC	000351-02
OTHER		
RESPONSE		
GENERAL		
HANDLING		
STORAGE		
TRANSPORT		
AIRCRAFT		
AUTOMOBILE		
EVALUATION, ARMY WARHEAD TRANSPORT VAN, OVER-THE-ROAD TESTS	UNC	000316-03
RAILROAD		
EVALUATION OF ARMY WARHEAD TRANSPORT VAN DURING RAIL IMPACT	UNC	000308-05
RAIL HUMP TESTS OF USNX BOXCAR	UNC	000878-25
SHIP		
OTHER		
UTILIZATION		
AIRCRAFT		
AIRCRAFT AND MISSILE		
MISSILE		
OTHER		

CATEGORY	TITLE	CLASS.	SERIAL-NO
TEMPERATURE	INPUT		
GENERAL			
	TEMPERATURE,CLIMATIC-BADWATER,DEATH VALLEY	UNC	000001-05
	TEMPERATURE,HUMIDITY,PRECIPITATION,MEAN,YUMA TEST STATION	UNC	000003-08
	TEMPERATURE AND PRECIPITATION,MEAN,WHITE SANDS	UNC	000004-01
	TEMPERATURE,RELATIVE HUMIDITY,AMBIENT,TIME RELATED,DESERT	UNC	000005-01
	TEMPERATURE REGIME FOR DESERT REGIONS	UNC	000006-02
	TEMPERATURE,HUMIDITY,PRECIPITATION,MEAN,TUCSON,ARIZONA	UNC	000007-12
	TROPICAL DAYS,REPRESENTATIVE	UNC	000008-06
	TROPICS,HUMID,TYPICAL DAILY WEATHER IN	UNC	000009-01
	TEMPERATURE REGIME FOR TROPIC REGIONS	UNC	000010-02
	TEMPERATURE,TROPIC AND POLAR STANDARD ATMOSPHERE	UNC	000012-01
	TEMPERATURE AND HUMIDITY,CLIMATIC,ORLANDO,FLORIDA	UNC	000013-02
	TEMPERATURE,AVERAGE,CAPE CANAVERAL	UNC	000014-01
	TEMPERATURE,AVERAGE,EGLIN TEST FACILITY	UNC	000015-01
	TEMPERATURE,PRECIPITATION,HUMIDITY,AVERAGE,POINT MUGU	UNC	000016-01
	TEMPERATE ZONE,CLIMATE DESCRIPTION OF	UNC	000017-01
	TEMPERATURES,1%-99% DESIGN,FOR UNITED STATES AND CANADA	UNC	000018-02
	TEMPERATURES,CALIFORNIA	UNC	000019-07
	TEMPERATURES MEASURED ON THE ANTARCTIC CONTINENT	UNC	000020-02
	ARCTIC,WINTER DAY,TYPICAL	UNC	000021-01
	TEMPERATURE REGIME FOR ARCTIC DAYS	UNC	000022-02
	TEMPERATURES AND HUMIDITIES OF THE COLD ZONES	UNC	000023-01
	TEMPERATURE AND PRECIPITATION DATA,ALASKA	UNC	000024-15
	TEMPERATURES,ABSOLUTE MAXIMUMS/MINIMUMS,FOR ALASKAN STATIONS	UNC	000025-02
	TEMPERATURE,DAILY MAXIMUM,FREQUENCY BELOW SPECIFIED,ALASKA	UNC	000026-09
	RADIATION,MEAN DAILY TOTAL,FLAT SURFACE,LOCATIONS US/CANADA	UNC	000495-04
	THE ENVIRONMENT OF THE MOON	UNC	000911-01
	MARS MODEL ATMOSPHERE	UNC	000950-01
	PACIFIC OCEAN THERMOCLINE, SOUTHERN CALIFORNIA COAST	UNC	001014-14
	ATMOSPHERE,STANDARD,PROPERTIES-HIGH ALTITUDE CHART	UNC	000144-01
	SNOW,EVAPORATION AND CONDENSATION TEMPERATURES FOR	UNC	000835-01
	TEMPERATURES,SURFACE,ON GREENLAND ICE SHEET	UNC	000837-01
	TEMPERATURES,SURFACE,ON ANTARCTIC ICE SHEET	UNC	000838-01
	TEMPERATURE PROFILES IN THE UPPER LAYERS OF AN ICE SHELF	UNC	000839-01
	TEMPERATURES,FREEZING AND INERSION VS SALINITY IN SEA ICE	UNC	000840-01
	TEMPERATURE AND WIND VELOCITIES IN ANTARCTICA	UNC	000891-01
	TEMPERATURES,PROBABLY,DURING A FIVE YEAR PERIOD IN THE USA	UNC	000879-01
	TEMPERATURE,SUMMARY OF HANDLING AND STORAGE ENVIRONMENTS	UNC	000882-01
	TEMPERATURE SHOCK DURING STORAGE,HANDLING AND TRANSPORTATION	UNC	000883-01
	FUNGUS AND BACTERIA,MOST FAVORABLE CONDITIONS FOR GROWTH	UNC	000279-02
	FUNGUS AND BACTERIA,PRIMARY FACTORS FOR GROWTH OF	UNC	000280-02
	ATMOSPHERE,STANDARD,NACA	UNC	000029-01
	TEMPERATURE,UPPER AIR	UNC	000030-01
	TEMPERATURE,WORLDWIDE,SURFACE AND UPPER AIR	UNC	000031-04
	TEMPERATURE,AREAS OF SUSTAINED HIGH	UNC	000032-01
	TEMPERATURES,LOW,EXPECTANCY OF	UNC	000033-01
	TEMPERATURES,LOWEST EVER OBSERVED	UNC	000034-01
	TEMPERATURE,KINETIC VS GEOMETRIC ALTITUDE	UNC	000035-01
	TEMPERATURES,UPPER AIR,FREQUENCY DISTRIBUTION OF,MIDDLE LAT.	UNC	000036-01
	TEMPERATURES,UPPER AIR,FREQUENCY DISTRIBUTION OF,WNTR,ARCTIC	UNC	000037-01
	ATMOSPHERE PROPERTIES,STD,MILITARY/INTL CIVIL AVIATION ORG.	UNC	000039-01
	TEMPERATURE,SURFACE,WORLDWIDE,MAXIMUM/MINIMUM EXTREMES	UNC	000041-02
	TEMPERATURES,SEA SURFACE,WORLDWIDE	UNC	000043-02
	TEMPERATURES,MINIMUM AND MAXIMUM,ON LAND	UNC	000044-01
	TEMPERATURE ATMOSPHERES,EXTREME	UNC	000045-03
	TEMPERATURE DURATION,PROBABILITY OF	UNC	000046-03

CATEGORY

TITLE	CLASS.	SERIAL-NO
TEMPERATURES, RESULTANT, IN THE PRESENCE OF WIND-WINDCHILL	UNC	000047-01
TEMPERATURES, HIGH ALTITUDE AIRFIELDS, WESTERN HEMISPHERE	UNC	000079-01
TEMPERATURE, EXTREMES/DURATION, FOR STORAGE, HANDLING, TRANSPORT	UNC	000080-02
TEMPERATURE, OVERALL, RANGES	UNC	000082-01
HUMIDITY, CLIMATIC, YUMA, ARIZONA	UNC	000219-02
HUMIDITY, CLIMATIC, TUCSON, ARIZONA	UNC	000220-04
HUMIDITY VARIATIONS, MARINE TROPIC ATMOSPHERE, HEAVY STORM	UNC	000222-01
HUMIDITY VARIATIONS WITH ALTITUDE, MARINE POLAR ATMOSPHERE	UNC	000223-03
STORAGE		
TEMPERATURES, AIRCRAFT COMPARTMENT	UNC	000063-01
TEMPERATURE DATA/STORAGE, ARCTIC/	UNC	000070-01
TEMPERATURE DATA/STORAGE, ARCTIC, OPEN/	UNC	000071-01
TEMPERATURE DATA/STORAGE, DESERT, TEMPORARY/	UNC	000072-01
TEMPERATURE DATA, STORAGE/DESERT/	UNC	000073-01
TEMPERATURE DATA/STORAGE, TROPICS, TEMPORARY/	UNC	000074-01
TEMPERATURE DATA/STORAGE, TROPICS, OPEN/	UNC	000075-01
TEMPERATURE, TEMPERATE, INSIDE CONTAINER	UNC	000076-03
TEMPERATURE RISE IN NIKF-AJAX WHEN STORED IN THE OPEN DESERT	UNC	000077-01
TEMPERATURES, BOMB BAY, B47B, AMBIENT VS TIME, DESERT STORAGE	UNC	000096-01
TEMPERATURE, BOMB BAY, B47B, AMBIENT VS TIME, ARCTIC STORAGE	UNC	000097-01
TEMPERATURES OF SNOW IN STORAGE AREAS IN ANTARCTICA	UNC	000886-01
TEMPERATURE DATA/STORAGE, DESERT, PERMANENT/	UNC	000051-01
TEMPERATURE, AVERAGE MONTHLY, ARMY WAREHOUSES	UNC	000052-01
TEMPERATURE DATA/STORAGE, PERMANENT, ARCTIC	UNC	000053-01
TEMPERATURE, MINIMA, IGLCC STORAGE, GERMANY, ITALY, KOREA	UNC	000055-01
TEMPERATURE EXTREMES IN STORAGE	UNC	000083-01
HUMIDITY, RELATIVE, TYPICAL DAILY, STORAGE CYCLES	UNC	000231-01
TRANSPORT		
AIRCRAFT		
TEMPERATURES, CARGO COMPARTMENT, C119C AIRCRAFT, ALASKA, WINTER	UNC	000061-01
TEMPERATURES, AIRCRAFT COMPARTMENT	UNC	000062-01
TEMPERATURES, MAXIMUM/MINIMUM, IN AIR AND AIRCRAFT CARGO HOLDS	UNC	000064-01
TEMPERATURES, COMPARTMENT, C141A	UNC	000066-01
TEMPERATURE, C133 CARGO COMPARTMENT, HIGH + LOW HEATER SETTING	UNC	000880-02
AUTOMOBILE		
FIRE TEMPERATURES-TRUCK	UNC	000520-01
RAILROAD		
TEMPERATURE, INTERNAL AIR, RAILROAD BOXCAR IN DESERT	UNC	000056-01
TEMPERATURE TESTS, INTERNAL, RAILROAD FREIGHT CARS WINTER	UNC	000057-01
FIRE TEMPERATURES-RAIL	UNC	000519-01
TEMPERATURE, INTERNAL AIR, RAILROAD BOXCAR EXPOSED TO HOT SUN	UNC	000881-01
TEMPERATURE, EXPOSED ALUMINUM AND WHITE PAINTED ATMX CARS	UNC	000885-01
SHIP		
TEMPERATURES AND RELATIVE HUMIDITY, SHIP HOLD	UNC	000058-01
TEMPERATURES IN STORAGE COMPARTMENTS OF USS KITTY HAWK	UNC	000060-07
HUMIDITY, RELATIVE, ABOARD SHIP	UNC	000232-01
FIRE TEMPERATURES-SHIP	UNC	000521-01
OTHER		
TEMPERATURES, ELEVATED, PERCENT OF STOCKPILE LIFE AT, DESERT	UNC	000049-01
TEMPERATURES, MAXIMUM AND MINIMUM, AT SEA	UNC	000059-01
ENVIRONMENT CONDITIONS PREVAILING DURING TRANSIT	UNC	000078-01
TEMPERATURE EXTREMES IN TRANSIT	UNC	000084-01
UTILIZATION		
AIRCRAFT		
HEAT, AERODYNAMIC, SUSTAINED, TO THIN SKIN	UNC	000085-01
HEATING, AERODYNAMIC, SUSTAINED-SKIN TEMPERATURE VS TIME	UNC	000086-01
TEMPERATURE RISE, RAM AIR, ALTITUDE AND VELOCITY EFFECTS	UNC	000087-01

CATEGORY

TITLE	CLASS.	SERIAL-NO
THERMAL FLYAROUND TEST 114-100, B57 ON F4C AIRCRAFT	UNC	001041-15
AIRCRAFT AND MISSILE		
MISSILE		
OTHER		
TEMPERATURE DATA, OPERATIONAL	UNC	000027-01
TEMPERATURE DATA, OPERATION AT ALTITUDE	UNC	000028-01
RADIATION DATA, SOLAR, OPERATIONAL AT ALTITUDE	UNC	000050-01
TEMPERATURE, INDUCED, TYPICAL RE-ENTRY BODY	UNC	000101-01
HEAT TRANSFER RATE VS RE-ENTRY TIME-TYPICAL SATELLITE	UNC	000102-01
HEAT TRANSFER RATES VS RE-ENTRY TIME	UNC	000103-01
HEAT TRANSFER RATES VS RE-ENTRY TIME	UNC	000104-01
HEAT TRANSFER RATES VS RE-ENTRY TIME	UNC	000105-01
HEAT TRANSFER, RADIATIVE, HYPERVELOCITY	UNC	000112-04
TEMPERATURES OF VARIOUS GUNS UNDER STANDARD/RAPID FIRE	UNC	000132-33
TEMPERATURE, VENUS ATMOSPHERE	UNC	000895-01
DENSITY, VENUS ATMOSPHERE	UNC	000896-01
SOLAR CHROMOSPHERE MODEL	UNC	000897-01
PAD-ABORT THERMAL FLUX MODEL FOR LIQUID ROCKET PROPELLANTS	UNC	001042-07
RESPONSE		
GENERAL		
TEMPERATURE EFFECT ON THE ABSORPTIVITY OF VARIOUS MATERIALS	UNC	000081-01
STORAGE		
TEMPERATURE RISE IN NIKE-AJAX WHEN STORED IN THE OPEN DESERT	UNC	000077-01
TEMPERATURES, MISSILE, WHEN EXPOSED TO DESERT CONDITIONS	UNC	000540-01
TRANSPORT		
AIRCRAFT		
AUTOMOBILE		
RAILROAD		
SHIP		
OTHER		
UTILIZATION		
AIRCRAFT		
THERMAL FLYAROUND TEST 114-100, B57 ON F4C AIRCRAFT	UNC	001041-15
AIRCRAFT AND MISSILE		
MISSILE		
OTHER		

CATEGORY
TITLE
TRAJECTORY
INPUT
GENERAL
TRANSPORT
AIRCRAFT
AUTCMOBILE
RAILROAD
SHIP
OTHER
UTILIZATION
AIRCRAFT
AIRCRAFT AND MISSILE
MISSILE
OTHER
RESPCNSE
GENERAL
TRANSPORT
AIRCRAFT
SHIP
OTHER
UTILIZATION
AIRCRAFT
AIRCRAFT AND MISSILE
MISSILE
OTHER

CLASS. SERIAL-NO

CATEGORY	TITLE	CLASS.	SERIAL-NO
VIBRATION	INPUT		
	GENERAL		
	HANDLING		
	STORAGE		
	DYNAMIC ENVIRONMENT OF M-113 ARMORED PERSONNEL CARRIER	UNC	001005-08
	DYNAMIC ENVIRONMENT ON A FLAT BED TRACTOR/TRAILER (AEC/DDO)	UNC	001006-08
	TRANSPORT		
	AIRCRAFT		
	VIBRATION AMPLITUDE ENVELOPE, IN VARIOUS PARTS OF AIRCRAFT	UNC	000419-01
	VIBRATION, MOST PROBABLE EXTREME, PROPELLER DRIVEN AIRCRAFT	UNC	000420-01
	VIBRATIONS, MAXIMUM VERTICAL, FUSELAGE, TRANSPORT AIRCRAFT	UNC	000421-01
	VIBRATIONS, MAXIMUM LATERAL, FUSELAGE, TRANSPORT AIRCRAFT	UNC	000422-01
	VIBRATION, FLOOR, C133	UNC	000423-01
	VIBRATION DATA, AIRCRAFT	UNC	000424-01
	VIBRATION DATA, AIRCRAFT FUSELAGE CENTER SECTION	UNC	000425-01
	VIBRATION ENVELOPE, PICKUP LOCATION-C133A	UNC	000427-04
	VIBRATION, C130A AIRCRAFT	UNC	000428-08
	VIBRATION DATA, AIRCRAFT, JET, FUSELAGE SECTION	UNC	000429-01
	VIBRATION DATA, AIRCRAFT, JET, IN FLIGHT	UNC	000430-01
	VIBRATION DATA, H21 HELICOPTER	UNC	000431-01
	VIBRATION MAXIMA, HELICOPTER, BRISTOL TYPE 171 AND 173	UNC	000432-01
	VIBRATIONS, MAXIMUM LATERAL AND VERTICAL, HELICOPTER FLOOR	UNC	000433-01
	VIBRATION, C-123, 133, KC-135, PG377, H-37	UNC	000713-01
	VIBRATION, C-133 FLOOR, VERTICAL, LATERAL, LONGITUDINAL AXES	UNC	000790-01
	VIBRATION, KC-135 FLOOR, VERTICAL, LATERAL, LONGITUDINAL	UNC	000846-01
	VIBRATION, FLOOR, PROPELLER, JET, HELICOPTER AIRCRAFT	UNC	000847-01
	VIBRATION, H-37 HELICOPTER FLOOR, VERTICAL, LATERAL FORE/AFT	UNC	000848-01
	VIBRATION, C-123 FLOOR, LONGITUDINAL, VERTICAL, LATERAL AXES	UNC	000851-01
	VIBRATION, C-130 FLOOR, VERTICAL, LATERAL, LONGITUDINAL AXES	UNC	000852-01
	VIBRATION, 377 PG AIRCRAFT, VERTICAL, LATERAL, FORE/AFT AXES	UNC	000853-01
	RESPONSE OF TURBOJET/PISTON ENGINE A/C TO RUNWAY ROUGHNESS	UNC	000910-06
	AUTOMOBILE		
	VIBRATION-ACCELERATIONS IN HIGHWAY OPERATION OF TRUCKS	UNC	000370-01
	VIBRATION, EXTREME, MEASURED IN CARGO SPACE, TRUCKS/TRAILERS	UNC	000371-01
	VIBRATIONS, OPERATIONAL, COMMERCIAL AND MILITARY VEHICLES	UNC	000372-01
	ACCELERATIONS, MAXIMUM, CARGO SPACE, MILITARY TRANSPORT VEHICLE	UNC	000373-01
	VIBRATION IN ROAD VEHICLES	UNC	000374-01
	VIBRATION, ROAD, OF SOME LOADED WHEELED AND TRACKED VEHICLES	UNC	000375-08
	VIBRATIONS, MAXIMUM, FLOOR OF 3/4 TON AND 2 1/2 TON 6X6 TRUCKS	UNC	000376-03
	VIBRATION, MAXIMUM, ON TRUCKBED, VARIETY OF ROAD OPERATIONS	UNC	000377-01
	VIBRATION SPECTRA, MILITARY TRUCK	UNC	000378-01
	VIBRATION, MAXIMUM ACCELERATION IN CARGO TRUCK	UNC	000379-01
	VIBRATIONS, TRUCK	UNC	000380-01
	VIBRATION, MAXIMUM ACCELERATION IN JEEP, 1/4 TON, 4X4	UNC	000381-01
	VIBRATION ON FLOOR, TRUCK, COMMAND, RECONNAISSANCE, 1/2 TON 4X4	UNC	000382-01
	VIBRATION, MAXIMUM, FLOOR, WEAPONS CARRIER, 3/4 TON, 4X4	UNC	000383-02
	VIBRATION, MAXIMUM ACCELERATION, TRUCK, WEAPONS CARRIER 3/4 TON	UNC	000384-01
	VIBRATION, BED, TRUCK M-37, 3/4 TON, 4X4, LOADED	UNC	000385-05
	VIBRATION TEST OF CARGO TRUCK, ABERDEEN PG TEST COURSE	UNC	000386-09
	VIBRATION, ROAD, ON BED OF M-35 CARGO TRUCK, LOADED	UNC	000387-05
	VIBRATION ON BED OF LOADED M-410 CARGO TRUCK	UNC	000388-05
	DYNAMIC TEST, MINUTEMAN 3RD STAGE ROCKET MOTOR TRUCK	UNC	000389-05
	VIBRATION, MAXIMUM ACCELERATIONS, ARMORED CAR, LIGHT, M8, 6X6	UNC	000390-01
	VIBRATION ON BED OF LOADED 10 TON 6X6 M125 CARGO TRUCK	UNC	000393-05
	VIBRATION, MAXIMUM VERTICAL, FLOOR, M14, M1 AND 1 TON TRAILERS	UNC	000394-03
	VIBRATION/SHOCK DATA FOR TRACTOR-TRAILER, NORMAL OPERATION	UNC	000395-01
	ROUGH ROAD TEST, TRAILER TOWED OVER 6 FT CORRUGATIONS AT 5MPH	UNC	000396-01

CATEGORY

TITLE	CLASS.	SERIAL-NO
VIBRATION DATA,TYPICAL,VAN TRAILER,NORMAL SUSPENSION	UNC	000397-01
VIBRATION TEST,MINUTEMAN FIRST STAGE ROCKET MOTOR TRANSPORT	UNC	000398-05
VIBRATION TEST,PERSHING MISSILE SYSTEM SHIPPING CONTAINERS	UNC	000400-04
VIBRATION,FLAT-BED TRACTOR-TRAILER	UNC	000401-01
VIBRATION,TRUCK FLOOR,EMPTY AND FULLY LOADED	UNC	000849-01
VIBRATION DISTRIBUTION IN A CAREFULLY DRIVEN VAN-TRAILER	UNC	000942-20
RAILROAD		
SHOCK ENCOUNTERED ON A TYPICAL 1400 MILE TRIP LOADED WITH 65	UNC	000310-04
VIBRATION,RAIL TRANSPORT,SUMMARY OF DATA ON	UNC	000355-01
VIBRATION DATA,RAIL BOXCAR	UNC	000356-01
VIBRATION DATA,RAIL	UNC	000357-01
VIBRATION TESTS,RAILROAD,SPEED 40MPH	UNC	000358-01
VIBRATION TESTS,RAILROAD,SPEED 73MPH	UNC	000359-01
VIBRATION TESTS,RAILROAD,SPEED 80MPH	UNC	000360-01
HUMPING TESTS,FLATCAR,RESULTS OF	UNC	000361-01
VIBRATIONS IN RAILROAD FREIGHT CARS AT SPEEDS FROM 31-73MPH	UNC	000362-01
VIBRATIONS MEASURED ON ATMX 500 CAR AT SPEEDS 30-70MPH	UNC	000363-01
VIBRATION COUNTS/MILE,RAIL CAR,AS FUNCTION OF CAR SPEED	UNC	000364-01
VIBRATION-MAXIMUM ACCELERATIONS IN TRAIN	UNC	000365-01
VIBRATION ENVIRONMENT PRODUCED DURING RAIL TRANSPORT	UNC	000366-01
VIBRATION,RAILROAD,SOFT SPRUNG CAR,VERTICAL AND LATERAL	UNC	000850-01
VIBRATION, RAILROAD CONTINUOUS AND TRANSIENT	UNC	001031-01
VIBRATION,RAILROAD ENVELOPES DIRECTIONAL COMPOSITES	UNC	001032-01
SHIP		
VIBRATION MEASUREMENTS ON SHIPBOARD DURING TRANSPORT	UNC	000202-01
VIBRATION,MOST EXTREME PROBABLE,EXPECTED IN SEA TRANSPORT	UNC	000404-01
VIBRATION DATA,SHIPS	UNC	000405-01
VIBRATION SPECTRA,SHIPBOARD TRANSPORT	UNC	000406-01
VIBRATION DATA,SHIPS IN STRAIGHT RUNS AT VARIOUS SPEEDS	UNC	000407-01
VIBRATION,SHIPBOARD,NORMAL STEAMING AND HARD TURNS	UNC	000408-01
VIBRATION DATA,SHIPS,HIGH SPEED MANEUVER AND CRASH BACK	UNC	000409-01
VIBRATION SURVEY OF USS MIDWAY(CVB41)	UNC	000412-01
VIBRATION TRIALS-USS PHILIPPINE SEA(CV47)	UNC	000413-01
VIBRATIONS ON DESTROYERS AND AIRCRAFT CARRIERS	UNC	000414-02
VIBRATIONS,SHIPBOARD,FROM VARIOUS SOURCES	UNC	000415-01
VIBRATION IN SHIPS	UNC	000416-01
VIBRATION TEST OF HANGAR SPACE ON USS LOS ANGELES (CA135)	UNC	000417-01
VIBRATIONS,MERCHANT SHIP SS WOLVERINE STATE	UNC	000418-25
OTHER		
VIBRATION,MAXIMUM EXPECTED IN TRANSPORT MEDIUM	UNC	000354-03
VIBRATION,PROBABLE MAXIMUM,TRUCK,TRAILER,TRACKED VEHICLE	UNC	000367-02
VIBRATION-MAXIMUM ACCELERATIONS FOR VARIOUS VEHICLES	UNC	000368-01
VIBRATION-ACCELERATION IN WEAPON CARRIER,JEEP,HALF TRACK,ETC	UNC	000369-01
VIBRATIONS,MAXIMUM LONGITUDINAL,ON FLOOR OF M2A1 HALF TRACK	UNC	000391-03
VIBRATION,MAXIMUM ACCELERATION IN CAR,HALF TRACK,M2A1	UNC	000392-01
VIBRATIONS,ROAD,TANK,MEDIUM,M4,FLOOR OF TURRET	UNC	000402-01
DOMINANT FREQUENCIES IN M113 MISSILE EQUIPMENT CARRIER	UNC	000403-02
DYNAMIC ENVIRONMENT OF THE S-IV STAGE DURING TRANSPORTATION	UNC	001002-08
SHOCK + VIBRATION DATA OBTAINED FROM TRUCK + RAIL SHIPMENT	UNC	001003-06
UTILIZATION		
AIRCRAFT		
VIBRATION ENVELOPE,AIRCRAFT,ALL TYPES	UNC	A00987-06
VIBRATION SUMMARY,FJ4 AIRCRAFT	UNC	000435-83
VIBRATION SPECTRA OF ROCKETS AND RAMJETS,MEASURED/CALCULATED	UNC	000436-01
VIBRATION,MAXIMUM INCREMENTAL,FUSELAGE,BOMBER TAXI TESTS	UNC	000437-01
VIBRATIONS,MAXIMUM,FIGHTER AIRCRAFT,TAKE-OFF TESTS	UNC	000438-01
VIBRATIONS,MAXIMUM,FIGHTER AIRCRAFT,TAXI TESTS	UNC	000439-01

CATEGORY

TITLE	CLASS.	SERIAL-NO
VIBRATIONS, MAXIMUM VERTICAL, FUSELAGE CENTER SECTION, XB47	UNC	000544-01
VIBRATION, XQ-5 POWER SPECTRAL DENSITY, NORMAL/NEAR MAXIMUM	UNC	000571-01
VIBRATION, MAXIMUM, MEASURED ON FUSELAGE OF P2V (NAVY PB)	UNC	000572-02
VIBRATION, MAXIMUM, FUSELAGE CENTER SECTION, PBM-3 (NAVY PB SEA)	UNC	000573-01
VIBRATION ENVELOPE, FUSELAGE, EMPENAGE, RECIPROCATING ENGINE A/C	UNC	000574-01
VIBRATION ON PYLON OF P3V-1 AIRCRAFT CARRYING MK101	UNC	000575-03
VIBRATION SUMMARY, F100 AIRCRAFT	UNC	000671-39
VIBRATION SUMMARY, B58 AIRCRAFT	UNC	000976-20
DYNAMIC ENVIRONMENT IN F5A A/C FROM 20MM GUNFIRING	UNC	001001-08
AIRCRAFT AND MISSILE		
VIBRATION SUMMARY, F102 AIRCRAFT	UNC	000711-41
MISSILE		
VIBRATION ENVELOPE, MISSILES, ALL TYPES	UNC	A00972-03
VIBRATION ENVELOPE, ICBM MISSILES	UNC	B00955-07
VIBRATION ENVELOPE, AIR-TO-AIR MISSILES	UNC	B00956-07
VIBRATION ENVELOPE, AIR-TO-SURFACE MISSILES	UNC	B00957-01
VIBRATION ENVELOPE, IRBM MISSILES	UNC	B00958-03
VIBRATION ENVELOPE, ANTI-SUBMARINE MISSILE	UNC	B00960-04
VIBRATION ENVELOPE, SURFACE-TO-AIR MISSILES	UNC	B00971-07
VIBRATION, TITAN SILO TEST	UNC	000578-01
VIBRATION, TITAN SILO TEST	UNC	000579-01
VIBRATION, TITAN SILO TEST	UNC	000580-01
VIBRATION, TITAN SILO TEST	UNC	000581-03
VIBRATION, TITAN SILO TEST	UNC	000582-02
VIBRATION, SERGEANT MISSILE FLIGHT	UNC	000595-07
VIBRATION, TERRIER WARHEAD MOUNTING FLANGE DURING FLIGHT TEST	UNC	000601-11
ACOUSTICAL VIBRATION, TITAN SILO TEST	UNC	000666-04
VIBRATION, SNARK MISSILE	UNC	000710-01
FLIGHT DATA FROM TITAN III VEHICLES	UNC	001016-63
VIBRATION, ACOUSTIC, WIND DATA, THOR AND ATLAS LAUNCHED AGENA	UNC	001028-62
OTHER		
RESPONSE		
GENERAL		
HANDLING		
STORAGE		
DYNAMIC ENVIRONMENT OF M-113 ARMORED PERSONNEL CARRIER	UNC	001005-08
TRANSPORT		
AIRCRAFT		
AUTOMOBILE		
VIBRATION TEST, MINUTEMAN FIRST STAGE ROCKET MOTOR TRANSPORT	UNC	000398-05
RAILROAD		
SHIP		
OTHER		
DYNAMIC ENVIRONMENT OF THE S-IV STAGE DURING TRANSPORTATION	UNC	001002-08
SHOCK + VIBRATION DATA OBTAINED FROM TRUCK + RAIL SHIPMENT	UNC	001003-06
UTILIZATION		
AIRCRAFT		
VIBRATION SUMMARY, FJ4 AIRCRAFT	UNC	000435-83
VIBRATION SUMMARY, F100 AIRCRAFT	UNC	000671-39
DYNAMIC ENVIRONMENT IN F5A A/C FROM 20MM GUNFIRING	UNC	001001-08
AIRCRAFT AND MISSILE		
VIBRATION SUMMARY, F102 AIRCRAFT	UNC	000711-41
MISSILE		
VIBRATION ENVELOPE, ICBM MISSILES	UNC	B00955-07
VIBRATION ENVELOPE, AIR-TO-AIR MISSILES	UNC	B00956-07
VIBRATION ENVELOPE, SURFACE-TO-AIR MISSILES	UNC	B00971-07

CATEGORY		CLASS. SERIAL-NO
TITLE		
OTHER		
SHOCK, ROCKET, STYPPI II		JNC 000351-03

CATEGORY		CLASS. SERIAL-NO
TITLE		
WIND		
INPUT		
GENERAL		
TEMPERATURE, HUMIDITY, PRECIPITATION, MEAN, YUMA TEST STATION	UNC	000003-08
TEMPERATURE AND PRECIPITATION, MEAN, WHITE SANDS	UNC	000004-01
TEMPERATURE, HUMIDITY, PRECIPITATION, MEAN, TUCSON, ARIZONA	JNC	000007-12
TROPICAL DAYS, REPRESENTATIVE	UNC	000008-06
TEMPERATURE AND HUMIDITY, CLIMATIC, ORLANDO, FLORIDA	UNC	000013-02
TEMPERATURE, AVERAGE, CAPE CANAVERAL	JNC	000014-01
TEMPERATURE, AVERAGE, EGLIN TEST FACILITY	UNC	000015-01
TEMPERATURE AND WIND VELOCITIES IN ANTARCTICA	UNC	000019-01
PRECIPITATION, HOLLOMAN AFB, NEW MEXICO	UNC	000233-01
WIND, WORLDWIDE, GENERAL FLOW OF	UNC	000254-01
WIND SPEEDS, EXTREMES	JNC	000255-01
WIND-THERMAL DESIGN EQUILIBRIUM	JNC	000257-01
WIND VELOCITIES, WORLDWIDE, AND DISTRIBUTION IN TEMPERATE ZONE	JNC	000258-01
WIND, AVERAGE, FOR TROPICAL STANDARD ATMOSPHERE	UNC	000259-01
WINDS, HOT TROPOSPHERE ATMOSPHERE/TROPIC SUMMER	UNC	000260-01
WINDS, TROPICAL COLD STRATOSPHERE/TROPICAL SUMMER/	UNC	000261-01
WINDS, AVERAGE, FOR POLAR STANDARD ATMOSPHERE	UNC	000262-01
WINDS, COLD TROPOSPHERE-STRATOSPHERE ATMOSPHERE/POLAR WINDS/	UNC	000263-01
WINDS, HOT STRATOSPHERE ATMOSPHERE/POLAR SUMMER/	JNC	000264-01
WINDS, AVERAGE, ESTIMATE, FOR USE WITH ICAD STANDARD ATMOSPHERE	JNC	000265-02
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