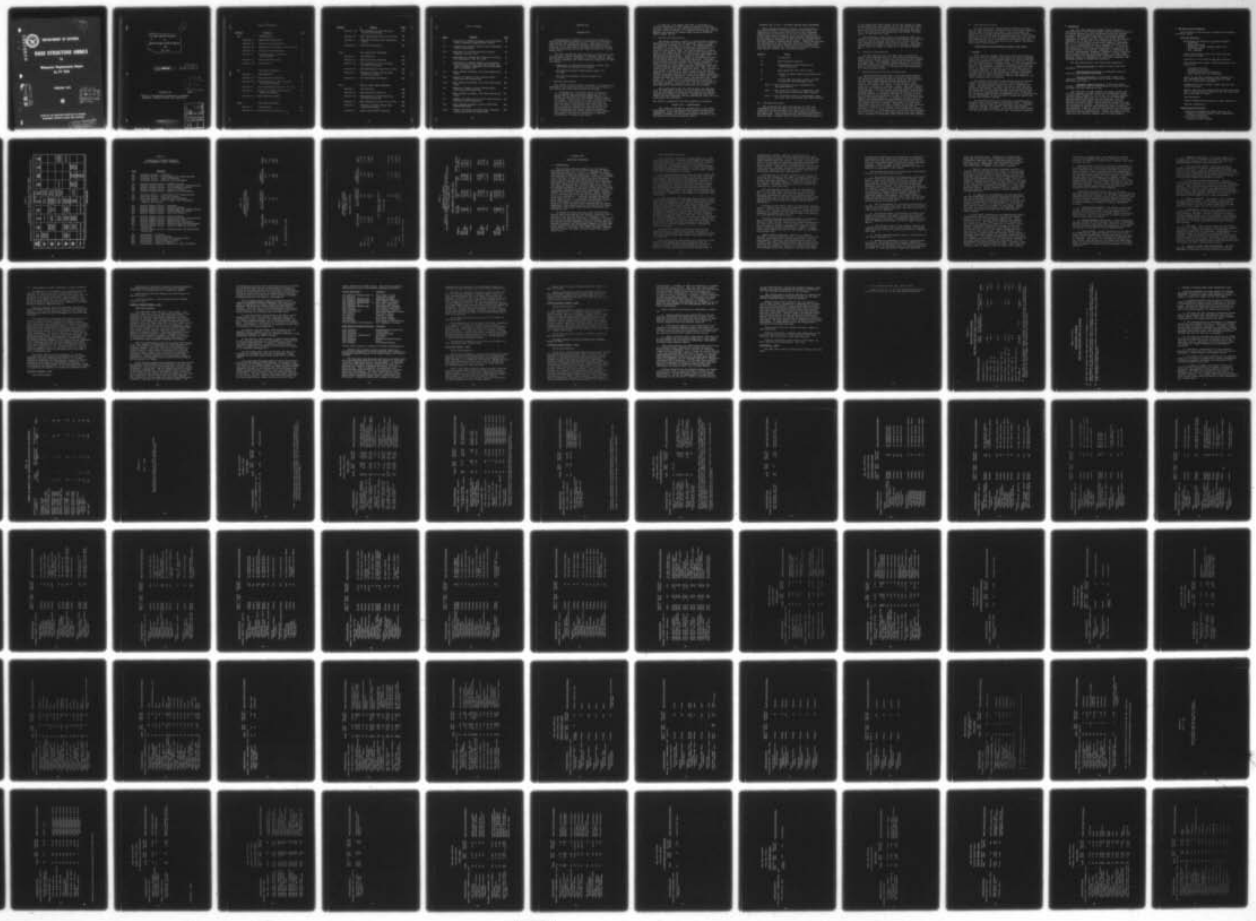
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DEPARTMENT OF DEFENSE

BASE STRUCTURE ANNEX

To

Manpower Requirements Report for FY 1979

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Prepared By

Office of the Assistant Secretary of Defense
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TABLE OF CONTENTS

CHAPTER		CONTENT	PAGE
ONE		INTRODUCTION	
	Section I.	Reporting Requirement	1
	Section II.	Content and Organization	2
	Section III.	Department of Defense Base Structure	3
	Section IV.	Regional Classification	4
	Section V.	Categorization of Military Installations	4
	Section VI.	Base Operations Costs	5
	Section VII.	Conclusions	9
TWO		ARMY BASE STRUCTURE	
	Section I.	Introduction	15
	Section II.	Base Structure Overview	16
	Section III.	Relationships of Base Structure to Force Structure	24
	Section IV.	Base Operations Costs for FY 1979	32
	Section V.	Actions to Reduce Annual Base Operations Costs	35
	Section VI.	Army Base Structure	37
THREE		NAVY BASE STRUCTURE	
	Section I.	Introduction	133
	Section II.	Base Structure Overview	134

CHAPTER		CONTENT	PAGE
	Section III.	Relationship of Base Structure to Force Structure	136
	Section IV.	Base Operations Costs for FY 1979	139
	Section V.	Actions to Reduce Base Operations Costs	141
	Section VI.	Navy Base Structure	142
FOUR		AIR FORCE BASE STRUCTURE	
	Section I.	Introduction	214
	Section II.	Base Structure Overview	215
	Section III.	Relationship of Base Structure to Force Structure	224
	Section IV.	Base Operations Costs for FY 1979	230
	Section V.	Actions to Reduce Annual Base Operations Costs	232
	Section VI.	Air Force Base Structure	234
FIVE		MARINE CORPS BASE STRUCTURE	
	Section I.	Introduction	286
	Section II.	Base Structure Overview	286
	Section III.	Relationship of Base Structure to Force Structure	291
	Section IV.	Base Operations Costs for FY 1979	294
	Section V.	Actions to Reduce Annual Base Operations Costs	296
	Section VI.	Marine Corps Base Structure	297

LIST OF TABLES

TABLE	CONTENT	PAGE
I.	Installation Defense Planning and Programming (IDPP) Category Classification System	10
II.	Installation Defense Planning and Programming (IDPCC) Categories	11
III.	Department of Defense Military Property Summary, June 30, 1976	12
IV.	Department of Defense Real Property Holdings and Investment, June 30, 1976	13
V.	Department of Defense Summary of Announced Installations and Activity Realignment and Closure Actions (Excluding SVN and Thailand) 1969 to December 1977	14
VI.	Major Defense Programs, Army Base Operations Costs	33
VII.	Summary of Number of Army Installations, Activities and Properties	38
VIII.	Major Defense Programs, Navy Base Operations Costs	140
IX.	Summary of Number of Navy Installations, Activities and Properties	143
X.	Major Defense Programs, USAF Base Operations Costs	231
XI.	Summary of Number of Air Force Installations, Activities and Properties	235
XII.	Major Defense Programs, Marine Corps Base Operations Costs	295
XIII.	Summary of Number of Marine Corps Installations, Activities and Properties	298

CHAPTER ONE

INTRODUCTION

The Department of Defense is pleased to submit the second Base Structure Report to the Congress in compliance with Section 302, Public Law 94-361. This report is an Annex to the FY 1979 Defense Manpower Requirements Report (required to be submitted to the Congress each fiscal year under the provisions of Section 138(c) of Title 10, United States Code).

The report should be read and used in conjunction with the following related Department of Defense (DoD) FY 1979 reports which contain information on the DoD forces, personnel, funds, equipment and other resources needed for FY 1979 and beyond:

- Department of Defense Annual Report, Fiscal Year 1979 from the Secretary of Defense.
- The Defense Manpower Requirements Report for FY 1979.
- The Military Manpower Training Report for FY 1979.

I. Reporting Requirement

This report on the DoD Base Structure is required to be submitted to the Congress under the provisions of Section 302, Public Law 94-361 which states as follows:

> Paragraph (3) of Section 138(c) of Title 10, United States Code (requiring submission of the annual Defense Manpower Requirements Report), is amended by adding at the end thereof a new sentence as follows: "Such report will also identify, define, and group by mission and by region the types of military bases, installations and facilities and shall provide an explanation and justification of the relationship between this base structure and the proposed military force structure together with a comprehensive identification of base operating support costs and an evaluation of possible alternatives to reduce such costs."

In addition, the report this year is expanded to include information on the historical trends of the base structure and data on the size and population of the installations listed in Section VI of each of the Military Service Chapters as required by Senate Armed Services Committee Report Number 95-129.

II. Content and Organization

This Annex contains a report on the DoD base structure associated with the forces and personnel levels included in the President's Budget for FY 1979. The Annex has been prepared with the intent of providing an understanding of the scope, size and purpose of the base structure as it exists at the present time. The base structure is identified in this report by Military Service and regionally, by bases in the Fifty States, U.S. Territories and Possessions and foreign overseas areas. Listed in the report are installations and activities which can be directly related to the force levels of the Military Services. Principal installations have been categorized and are discussed on the basis of their primary mission. The categorization of installations for this report has been developed based upon a classification system developed for this report and discussed in the FY 1978 Base Structure Annex. This classification system is depicted on Tables I and II at the end of Chapter One. For the most part, Reserve Centers, Reserve Component weekend training sites and other small properties are not separately identified. Also not included are separate properties used for housing sites, navigational aids, radar sites, etc. In addition to classification of the base structure, as part of the justification and explanation of the base structure, the major unit, activity or purpose of each separately identified installation is provided.

Base operations costs for each Service, as compiled from the DoD budget process, are also identified together with an explanation of actions being taken by the Defense Department to reduce such costs. Proposed actions which affect the base structure and base operations costs are also highlighted and discussed.

The report is organized into five chapters as follows:

Chapter One - INTRODUCTION

This chapter includes an introduction to the report, explanation of the DoD Installation Defense Planning and Programming (IDPP) Categories, the scope, size and real property investment of the entire DoD base structure, and the definition of base operations costs.

Chapters Two to Five - MILITARY SERVICE BASE STRUCTURES

These chapters discuss in detail the relationship of the base structure to the Service force structures; the composition of base operations costs and the programmed expenditures for this area in FY 1979; actions taken to reduce annual base operations costs and the identification of principal Service installations worldwide categorized by primary mission, function, or activity in accordance with the IDPP Category Classification System. Chapter Two provides the information on the Army base structure, Chapter Three the Navy base structure, Chapter Four the Air Force base structure and Chapter Five the Marine Corps base structure. Each chapter contains the following Sections.

Section	Title
I	Introduction
II	Base Structure Overview
III	Relationship of Base Structure to Force Structure
IV	Base Operations Cost for FY 1979
V	Actions to Reduce Annual Base Operations Costs
VI	Service Base Structure Listing by IDPP Categories and Geographic Area

Part I - Base Structure Listing alphabetically by State/Country

Part 2 - Base Structure Listing in descending order by population within each IDPP category

Part 3 - Base Structure Listing in descending order by total land area within each IDPP category.

III. DoD Base Structure

The worldwide DoD base structure for FY 1979 will accommodate an active force of 2,049,000 military and 1,008,000 civilian personnel and, based upon the latest available data, will consist of 5,822 separate installations and properties. These installations and properties range from the small, one-half acre of land for a navigational aid

to the Army's Fort Hood, Texas, one of the largest and most heavily populated installations in the DoD inventory. Table III at the end of this chapter depicts the total DoD properties and installations by Military Department and region (U.S., US Territories and Possessions and foreign overseas areas) at the end of FY 1976.

The worldwide installations and properties under the control of the DoD at the end of FY 1976 amount to 27,826,000 acres of land of varying interests with a total original real property investment cost of $44.3 billion. The total acreage and real property investment by Military Department and by region are shown in Table IV at the end of Chapter One.

IV. Regional Classification

The DoD base structure has also been classified by region, which together with the IDPP Category Classification System and the actual location of each military base enables identification of the purpose, region and location of each principal base. The regional classification for the military base structure is based upon the location of a military base in the Fifty States, U.S. Territories and Possessions or foreign overseas areas.

V. Categorization of Military Installations

The four Military Services, in the following chapters, have identified and grouped their principal installations and associated important properties using the IDPP Category and regional classification systems developed for this report. Each such installation is identified by name, location of nearest city, State, county or area, and its major unit, activity or function. Within each IDPP Category grouping, the installations are listed by regional location (Fifty States, U.S. Territories and Possessions, and foreign overseas areas). A narrative explanation and justification by IDPP Category of the base structure in relation to the force levels is also presented in each of the following four Military Services Chapters. In addition, starting with this report, the Senate Armed Services Committee required that additional information on geographic size and population of the installations be included. Accordingly, to meet this requirement this data has been included in the base structure listings in Section VI of each of the Military Service Chapters. Part 2 of the listing is the population arranged by installation in descending order within each IDPP Category. Part 3 of the listing is the total land area of each installation arranged in descending order within each IDPP Category.

VI. Base Operations Costs

In 1977, the Senate Appropriations Committee directed that the DoD establish a uniform definition for base operating support (BOS) functions and costs. This requirement was endorsed by the Senate and House Appropriations Conference Report on the FY 1978 Defense Appropriations Act. The uniform definition of BOS has been developed and the Military Services were required to use it to provide the information on base operating support costs required for this report. The uniform definition of BOS follows:

DEFINITION OF BASE OPERATING SUPPORT (BOS) COSTS

1. Purpose

Base operating support (BOS) costs have been defined in such a way that all overhead functions which do not directly contribute to the mission accomplishment of combat units and tenants on Department of Defense (DoD) installations, activities and facilities are classed as BOS. It must be appreciated that all DoD resources ultimately contribute to the Defense mission. Nevertheless, in order to identify those functions which the Department considers to be the overhead costs of its base structure, it was necessary to make a distinction. A common definition of BOS enables the Military Departments and Agencies to report consistent data on base operating support costs to the Secretary of Defense, the Congress, and other organizations, as required.

The uniform definition of BOS differs from the program element structure upon which the Five Year Defense Plan (FYDP), the Defense Budget and other similar documents are based. Program elements reflect the way in which the DoD organizes and manages resources, and do not lend themselves to requirements of the Congress when reviewing BOS in total. The intent of establishing a uniform definition of BOS was not to change organizational arrangements to fit the definition, but the development of new functional categories within the current DoD financial system.

The uniform definition of BOS does not differentiate between fixed, semi-variable and variable costs. Therefore, financial reports based on the definition will not indicate potential savings, for example, from base realignments. Potential savings, therefore, can be determined only through case-by-case studies of specific base realignment proposals.

2. Definition

The term "base operating support costs" refers to resources used at DoD installations, activities and facilities to provide services so that operational units and tenants can pursue mission objectives free of unrelated responsibilities. The services listed below are considered BOS regardless of whether they are incurred: by the installation commander; by an activity or an installation which is not part of the installation organization (medical, commissary, etc.); by a subinstallation; by a separate facility; or by activities controlled by a central authority. In addition, this definition of BOS applies regardless of whether or not the installation (or activity) commander is responsible for planning, programming, budgeting, expending and/or accounting for the costs involved in these services. In other words, these services are considered BOS regardless of what organizational entity is responsible for the funds, manpower, and equipment needed to perform the function.

The BOS services fall into four broad categories:

Facility services to maintain land, plant and equipment.

Administrative services to accomplish clerical functions and increase efficiency.

Specific services to consolidate common type functions, increase efficiency and to insure a safe and habitable work place.

Community support services to maintain morale, welfare, recreation and to provide programs associated with military life and required by law.

The resources include expenses for both military and civilian manpower and both direct and reimbursable appropriated funds (regardless of source), but exclude nonappropriated expenses which are not a cost to the Government. Appropriations/funds which pay for recurring costs are operation and maintenance, military personnel (active, Reserve and Guard), RDT&E, family housing, industrial funds and installation schools. Nonrecurring costs for facilities and equipment to perform base operating support functions are generally funded by military construction and procurement appropriations. The definition includes all family housing costs but excludes BAQ payments. Future refinements of the definition may consider changes such as these payments.

3. BOS Functional Categories

Each category of BOS service includes the following functional costs:

Facility Services:

Maintenance and Repair of all Real Property
- Buildings
- Other Facilities
- Pavements (roads, parking areas, etc.)
- Land (grounds)
- R.F. Trackage

Minor Construction (with other than military construction funds).

Operation of Utilities for all Real Property.

Other Engineering Support (excludes rentals, fire protection).

- Custodial Services
- Entomology Services
- Refuse Collection and Disposal
- Snow Removal and Ice Alleviation

Rental of all Real Property except payments for GSA controlled space (includes cost of lease and all utilities and services).

Standard Level User Charges (SLUC) paid for GSA controlled space.

Special user service charges paid for GSA controlled space (includes annual recurring and one time costs for alterations of space).

Land Management.

Support Groups/Units Assigned to these functions.*

Related Investment.**

Administrative Services:

Installation Headquarters Administration and Command (including squadron level responsible for Base Operations)
Installation Comptroller
- Accounting and finance

- Budget
- Management analysis/engineering
- Internal review

Installation ADP services
Installation Public Information Activities
Installation Legal
Installation Civilian Personnel Administration
Installation Military Personnel Administration
Installation Printing and Reproduction
Installation Safety
Installation Engineering Service
Related Investment**
Support Groups/Units assigned to these functions*

Specific Services:

Installation Audio/Visual
Installation Supply Operations (retail only)
Installation Transportation Activities
Installation Procurement Operations
Installation Training (excludes troop training and tactical exercises)
Fire Protection and Prevention
Installation Physical Security and Police Activities
Installation Communications
Laundry and Dry Cleaning (for troop support and other appropriated fund activities)
Installation Airfield/Air Base Operations (control tower, weather, flight services, etc.)
Installation Storage Activities
Maintenance of Installation Materiel (includes maintenance of administrative aircraft, vehicles and equipment but excludes maintenance of tactical equipment, combat vehicles and mission aircraft)
Support Group/Units Assigned to these functions*
Related Investment**

Community Support Services (includes only appropriated fund support)

Operation of Medical Clinics and Dispensaries (excludes regional hospitals)
Operation of Dental Clinics (excludes regional clinics)
Bachelor Housing Operations and Furnishings (management; housing assignment; care of quarters; provision, care, preservation and maintenance of furnishings, etc.)
Retail Commissary Operations
Operations of Troop Issue Commissary for Subsistence
Installation Food Services

Family Housing (FHMA account less reimbursables for other services/facilities already included, i.e., utilities, maintenance and repair of facilities, etc.)
Appropriated Fund Support for Installation Dependent School Operations in U.S.
Morale, Welfare and Recreation Activities
- Clubs
- Messes
- Libraries
- Sports Activities and Operation of Recreational Facilities
- Craft Shops
- Radio
- Television
- Newspapers

Social Action Programs
Community Service Activities
Chaplain Activities
Bands
Support Groups/Units assigned to these functions*
Related Investment**

*Also includes resources used by groups/units assigned to specific BOS tasks on an ad hoc basis such as engineer/Red Horse/SeaBee units assigned to repair/construction facilities, roads, parking areas; etc., even if the work is classified as a military unit training project.

**Investment costs include the total authorized construction program for each fiscal year, as well as expansion, extension, and renovation of facilities with military construction funds. Investment also includes the costs to procure equipment needed to perform the functions in each category of service.

VII. Conclusion

In conclusion, the base structure is a dynamic element of the DoD force posture and has evolved over time to its present composition and size. Changing forces, wartime scenarios, resource availability, technology and many other factors influence its size and composition. In addition, the DoD constantly undertakes reviews to improve the management and efficiency of the base structure. In all these actions, DoD has the objective of establishing the most effective, efficient and economic base structure to meet current and projected peacetime, contingency and mobilization requirements. Table V at the end of this chapter depicts the summary of the announced base realignment actions taken by the DoD since 1969 towards this objective.

TABLE I

DEPARTMENT OF DEFENSE BASE STRUCTURE ANNEX
INSTALLATION DEFENSE PLANNING AND PROGRAMMING (IDPP) CATEGORY CLASSIFICATION

DEFENSE PLANNING AND PROGRAMMING CATEGORIES	MAJOR DEFENSE PROGRAMS									
	01 STRATEGIC	02 GENERAL PURPOSE	03 INTELL & COMM	04 AIRLIFT/ SEALIFT	05 GUARD & RESERVE	06 RESEARCH & DEVELOP	07 CENTRAL SUPPLY & MAINT	08 TRAINING MEDICAL & OTH PERS	09 ADMIN & ASSOCIATED	10 SPT OF OTHER NATIONS
STRATEGIC FORCES 1	STRAT AIRCRAFT STRAT MISSILE CMD, CNTL, COMM SURV & WARN CIVIL DEFENSE		NAT MIL CMD SYS		STRAT AIRCRAFT STRAT MISSILE	STRAT ACFT PROJ STRAT MSL PROJ CMD/CNTL PROJ SURV & WARN PROJ				
GENERAL PURPOSE FORCES 2		DIVISION FORCES THEATER FORCES TACTICAL AIRCRAFT TAC AIR CONTROL NAVAL FORCES	TAC AIR CONTROL AEROSPACE RESCUE	TACTICAL AIRLIFT STRATEGIC AIRLIFT SEALIFT TRAFFIC MGMT	DIVISION FORCES THEATER FORCES TACTICAL AIRCRAFT TAC AIR CONTROL NAVAL FORCES AIRLIFT (TAC & STRAT) SEALIFT	DIVISION FCS PROJ TAC ACFT PROJ TAC AIR CNTL PROJ NAVAL FCS PROJ				
AUXILIARY FORCES 3			INTELLIGENCE COMMUNICATIONS GEOPHYSICAL		INTELLIGENCE COMMUNICATIONS GEOPHYSICAL	RESEARCH PROJECTS EXPLOR DEV PROJ ADVANCED DEV PROJ ENG DEV PROJECTS MANAGEMENT	EASTERN TEST RANGE			NATO INFRASTRUCT MAAG/MISS/MILGPS MILITARY ASSISTANCE
MISSION SUPPORT FORCES 4	BASE OPERATIONS BASE COMM COMBAT TRAINING COMMAND	BASE OPERATIONS BASE COMM COMBAT TRAINING COMMAND	BASE OPERATIONS BASE COMM AIR TRAFFIC CNTL COMMAND	BASE OPERATIONS BASE COMM COMBAT TRAINING COMMAND	BASE OPERATIONS BASE COMM COMBAT TRAINING COMMAND MOB BASE UNITS					INTERNATIONAL HQ
CENTRAL SUPPORT FORCES 5		BASE OPERATIONS AERIAL DEMO LOGISTIC SUPPORT	BASE OPERATIONS BASE COMM COUNTERINTEL INVESTIGATION NUCLEAR AGY		BASE OPERATIONS MEDICAL RECRUITING TRAINING COMMAND LOGISTICS	MEDICAL PROJECTS MANPOWER PROJECTS	BASE OPERATIONS BASE COMM COMMAND CENTRAL SUPPLY CENTRAL MAINT OTHER LOG SPT	BASE OPERATIONS BASE COMM MEDICAL RECRUITING EDUCATION & TNG COMMAND	BASE OPERATIONS BASE COMM COMMAND PUBLIC AFFAIRS OTHER ADMIN FED AGY SPT	
INDIVIDUALS 6	CREW TNG STUDENTS	CREW TNG STUDENTS		CREW TNG STUDENTS	RECRUIT TNG STUDENTS			TRANSIENTS PATIENTS PRISONERS TRAINEES STUDENTS CADETS		

PROGRAM ELEMENT GROUPINGS

TABLE II

INSTALLATION DEFENSE PLANNING
AND PROGRAMMING (IDPP) CATEGORIES

IDPP	CATEGORY
101	Strategic Forces - Strategic
103	Strategic Forces - Intelligence and Communications
105	Strategic Forces - Guard and Reserve
106	Strategic Forces - Research and Development
202	General Purpose Forces - General Purpose
203	General Purpose Forces - Intelligence and Communications
204	General Purpose Forces - Airlift/Sealift Forces
205	General Purpose Forces - Guard and Reserve
206	General Purpose Forces - Research and Development
303	Auxiliary Forces - Intelligence and Communications
305	Auxiliary Forces - Guard and Reserve
306	Auxiliary Forces - Research and Development
307	Auxiliary Forces - Central Supply and Maintenance (Eastern Test Range)
401	Mission Support Forces - Strategic
402	Mission Support Forces - General Purpose
403	Mission Support Forces - Intelligence and Communications
404	Mission Support Forces - Airlift/Sealift Forces
405	Mission Support Forces - Guard and Reserve
502	Central Support Forces - General Purpose
503	Central Support Forces - Intelligence and Communications
505	Central Support Forces - Reserve and Guard
506	Central Support Forces - Research and Development
507	Central Support Forces - Central Supply and Maintenance
508	Central Support Forces - Training, Medical and Other Personnel)
509	Central Support Forces - Administration and Associated Activities
601	Individuals - Strategic
602	Individuals - General Purpose
603	Individuals - Intelligence and Communications
604	Individuals - Airlift/Sealift Forces
605	Individuals - Guard and Reserves
608	Individuals - Training, Medical and Other Personnel

TABLE III

DEPARTMENT OF DEFENSE
MILITARY PROPERTY SUMMARY
30 JUNE 1976

	FIFTY STATES	U. S. TERRITORIES AND POSSESSIONS	FOREIGN OVERSEAS AREAS	TOTAL
ARMY	1290	30	973	2293
NAVY 1/	673	24	67	764
AIR FORCE	2191	32	542	2765
TOTAL	4154	86	1582	5822

1/ Includes Marine Corps

TABLE IV

DEPARTMENT OF DEFENSE
REAL PROPERTY HOLDINGS
30 JUNE 1976

(MILLIONS OF ACRES)

	FIFTY STATES	U. S. TERRITORIES AND POSSESSIONS	FOREIGN OVERSEAS AREAS	TOTAL
ARMY	12.146	.159	.382	12.687
NAVY 1/	3.935	.078	.259	4.272
AIR FORCE	9.328	.059	1.481	10.868
TOTAL	25.409	.296	2.122	27.827

REAL PROPERTY INVESTMENT
30 JUNE 1976

($ MILLIONS)

ARMY	$12,020	$ 455	$ 740	$13,215
NAVY 1/	11,216	809	1,481	13,506
AIR FORCE	14,795	499	2,277	17,571
TOTAL	$38,031	$1,763	$4,498	$44,292

1/ Includes Marine Corps

TABLE V

DEPARTMENT OF DEFENSE
SUMMARY OF ANNOUNCED INSTALLATION AND ACTIVITY
REALIGNMENT AND CLOSURE ACTIONS (EXCLUDING SVN AND THAILAND)
1969 to DECEMBER 1977

FIFTY STATES AND PUERTO RICO

SERVICE	NO. OF ACTIONS	POSITIONS ELIMINATED MIL	CIV	ANNUAL SAVINGS ($ MIL)
ARMY	907	75,652	74,186	1,496.1
NAVY 1/	1,246	146,055	70,558	1,577.3
AIR FORCE	801	89,142	43,046	1,436.3
DEFENSE	180	2,065	10,280	114.3
TOTAL	3,134	312,914	198,070	4,624.0

OVERSEAS

ARMY	151	29,220	29,097	476.2
NAVY 1/	140	4,944	14,562	89.4
AIR FORCE	83	29,309	7,968	302.2
DEFENSE	10	62	4	0.6
TOTAL	384	63,535	51,631	868.4

WORLDWIDE

ARMY	1,058	104,872	103,283	1,972.3
NAVY 1/	1,386	150,999	85,120	1,666.7
AIR FORCE	884	118,451	51,014	1,738.5
DEFENSE	190	2,127	10,284	114.9
TOTAL	3,518	376,449	249,701	5,492.4

1/ Includes Marine Corps

CHAPTER TWO

ARMY BASE STRUCTURE

I. INTRODUCTION.

The Army Base Structure Chapter to the Manpower Requirements Report for FY 1979 is submitted in compliance with Section 302, PL 94-361, as amended by Senate Armed Services Committee Report No. 95-129. This chapter is comprised of five basic sections. Section I, Introduction. Section II, Base Structure Overview, discusses historical data on the base structure and related manpower trends, outlines the factors which have influenced the Army's base structure from World War II to the current date and details the criteria expected to apply to installation planning for the next twenty years. Section III relates the needs of the major activities within each Installation Defense Planning and Programming Category (IDPPC) to the current base structure. Major changes to the FY 1979 base structure are also described. Section IV gives a breakdown of projected Army Base Operations Costs (BOC) for FY 1979. Section V summarizes recent major actions taken to reduce BOC and outlines criteria which would apply to such actions in the future. Section VI lists the major Army installations by IDPPC, summarizes those belonging to or utilized by the Reserve Components, and groups installations by personnel and geographic size.

It should be noted that many large installations have multiple missions and that primary missions shown in Section VI are not necessarily all-inclusive. For instance, Fort Belvoir, Virginia, in addition to being the site of the US Army Engineer Center and School, also has the Defense Systems Management College, US Army Mobility Equipment Research and Development Command, US Army Night Vision Laboratory and US Army Topographic Laboratory as major tenants. Similarly, Fort Knox, Kentucky, supports the Armor School, an Army Training Center and a major combat unit.

II. BASE STRUCTURE OVERVIEW.

Army missions involve the accomplishment of a wide variety of functions requiring both general and specialized accommodations. The facilities required to support the Army vary from administrative office space, to laboratories, to production plants, to proving grounds, to supply and maintenance depots, to troop installations with tens of thousands of acres of firing ranges, impact areas and training/maneuver areas.

The Army's base structure since the end of World War II has undergone constant change as the force structure has expanded and contracted and technological advances have created longer-ranged, more powerful weapons, with their concomitant changes in organization and tactics. The logistics base structure has also undergone change as improvements in storage, distribution, maintenance and transportation systems have permitted reduction in the total number of depot activities; while greater reliance on the private sector for supplies and equipment has resulted in a reduction of the number of industrial type facilities.

At the end of FY 1968 the Army had a total of 1,499 real property holdings in the United States ranging from small radio transmitter sites and US Army Reserve Centers with less than five acres of land area to large multi-mission installations with several hundred thousand acres of land area. These holdings were required to be maintained for support of an active Army military strength of about 1.6 million (of which about 1.0 million were stationed in the United States) and a Reserve Component military strength of about 0.7 million. At the end of FY 1977 the downward trend in base structure had decreased to 1,287 real property holdings. Military strength had decreased to about 0.8 million active Army personnel (of which about 0.5 million were stationed in the United States) and a Reserve Component military strength of about 0.6 million.

This downward trend in base structure has been characterized by a relatively constant reduction in Army installations over the years and a balanced decrease in training and headquarters, depot and industrial type installations.

Some installation requirements are relatively fixed because they support more stable missions such as service schools, research and development activities, materiel testing and specialized depot activities. Missions at these installations may be modified due to

technological changes; however, the need for the installations and the continuing modernization of their physical plants remains. On the other hand, the Army has other missions which are subject to larger variations and which, at one time, may generate additional requirements and, at another time, reduce requirements for active installations. Examples are training centers for initial entry training, aviation training facilities, production facilities, administrative space to support specialized activities and troop unit installations.

The Army has in the past and will in the future be forced by the urgency of the moment to adopt courses of action which run counter to long range "peacetime" installations structure management. For example, during the Vietnam War, the Army required a number of installations for conduct of aviation training; not all of which are required by a peacetime Army.

The installation structure today is considerably smaller than that which existed prior to the Vietnam War. For the most part, the Vietnam build-up was supported by expansion of facilities at existing active installations, use of the same installation by more than one deploying unit, backfill of installations vacated by deploying units with other activities, and two shift operations.

The Army is basically tied to its existing installations to support its current and projected force structure levels. The land area acquired prior to, during and after World War II, coupled with the substantial investment in permanent facilities over the past 30 years, has resulted in a considerable physical plant.

The base structure of the Army today is constantly being reviewed with the objective of optimizing it. Section V lists several installations under consideration for reduction or closure. At the same time, the possibility exists of future redeployment of overseas forces back to the Continental United States (CONUS). Accordingly, some flexibility must be maintained to accommodate this possibility.

Under present conditions, there is an apparent shortage of training/maneuver area at several of our Army division installations to satisfy present-day training requirements. There are installations where firing of the main tank guns, artillery weapons and aircraft flight corridors have caused communities to complain because of noise and air pollution. There are installations where the cantonment areas are bounded on two and three sides

by developing communities and perimeters are exposed to residential and/or commercial/industrial encroachment. There will be population growth and shift over the next 20 years which could hamper installation major expansion programs. Based on these factors, realignment or expansion of the present training/maneuver area may be impaired or precluded in the future.

The following factors will govern Army installation planning for the next twenty years:

1. The concentration of US population is projected to shift toward the southern and western states. Army bases in these areas generally offer the largest areas for training, are most suited for rapid expansion by temporary facilities, and up to now were in the less populated areas of CONUS. The presence and particularly the expansion of Army bases spawn corresponding increases in civilian communities immediately adjacent to the installations. Modern military weapons systems are characterized by longer range, greater lethality, increased support requirements, and higher mobility. These characteristics require larger areas for training/maneuver and firing ranges which, in turn, lead to the following general conclusions:

a. The establishment of a military installation is usually in a relatively open area; but the act of establishing attracts people, building, business, and this, in time, restricts expansion.

b. The smaller bases, constrained in growth, will become increasingly less usable for testing, training, and firing purposes, and hence probably relegated to administrative, logistical, headquarters-type activities, and less demanding functions in terms of space requirements.

c. Current Army bases in the southern states, as compared with those in the northern states, will become relatively more valuable and more restricted in expansion with time.

d. Future land requirements must be identified and the rights acquired now.

2. Commercial pressures on military installations are varied. As values of land increase, commercial interests increase pressures for acquisition of installation property. On the other hand, as installations seek to reduce or close operations, commercial pressures

argue for the status quo. Commercial interests seek advantage from the post in construction, grazing rights, concessions operating rights, employment and off-post business; at the same time, they bring pressure against post newspaper, commissary, post exchange, and other facilities seen to compete with private business.

3. While a form of national consensus exists in favor of Defense economy and efficiency; a concrete Army proposal for a base reduction or closure in the interest of economy and efficiency is almost certain to meet considerable protest from local interests expressed through their elected representatives at all levels. This is primarily inspired by fears of adverse impact on the local economy, although other issues are also raised. A significant issue raised during these exchanges in recent years is the concept of a regional entitlement to a least some Defense presence. While proponents of this concept have some good points, Defense is not a readily regionally oriented activity.

4. In addition to environmental related pressures such as encroachment on wildlife sanctuaries and meeting the same water and air pollution standards as other activities, military installations by their activity have peculiar environmental related pressures. By virtue of normal training, noise, air pollution, water pollution, and wildlife concerns are common to Army bases. Massive vehicles, gun fire, cross-country and round-the-clock maneuvers and dangerous materials all contribute to these problems.

5. Our major installations are experiencing severe encroachment pressures because of the ever-increasing need for land by the surrounding communities. These pressures are not new but their frequency and momentum are on the rise. The demand for land for residential and industrial purposes is resulting in military installations, originally constructed in rural areas, now finding themselves completely surrounded by civilian activities, which are in some cases, incompatible with ongoing military operations. When this happens, the installation, although desirable because of the income it provides, frequently becomes of secondary importance to the community. The income received from the installation also becomes less important as the land values increase to the point where more revenues are realized by civilian development than from the installations. Foreseen in the future is an increasing demand for land in the urban and suburban areas to support civilian needs, thus causing

land values to appreciate. This demand will further increase encroachment problems for the military and increase the demand for private use of federal land under military control.

Emphasis must be placed on continued improvement of planning toward the future organization, physical structure, modernization, and location of Army installations and activities. These considerations will undoubtedly entail significantly increased costs in both the planning and implementation phases of these actions. Because of various types of contamination at a number of Army installations, such as unexploded ammunition, and the exceptionally high cost of cleanup, the Army is in large measure, compelled to retain these installations for the foreseeable future. The continuing decrease of undeveloped land demands sophisticated planning both for acquisition and release of Army property.

The preceding broad factors are, in the main, oriented toward retention and/or expansion of the existing Army base structure overall. In the event adjustments are required within the existing structure, due to major force structure changes, mission changes, budget limitations, or other factors, the following specific criteria would, in varying degrees, be applied to future realignment actions.

1. MISSION REQUIREMENTS. The stated or postulated mission requirements of specific activities within the context of the entire force structure should be the principal factors which drive choices between stationing alternatives. They are the baseline against which all other factors must be weighed.

2. BUDGET/MANPOWER CONSTRAINTS. These inseparably related factors are the principal limitation to attaining and maintaining a particular base structure at all levels. They can influence decisions on retention of individual structures or retention of entire installations.

3. COST SAVINGS. A major objective of the Army is to accomplish the assigned mission at the least cost. Where otherwise comparable alternatives exist, the true "least cost", both in terms of dollars and manpower must be selected. Typically, an installation closure will not produce total savings of its annual base operations costs, as continuing activities will have to be accommodated elsewhere, in-house, or by other means, such as by contract.

4. PERSONNEL TURBULENCE. The adverse impact of military and civilian personnel turbulence must be given consideration because of both the high costs and the adverse effect on morale and productivity.

5. CIVILIAN LABOR MARKET. Many Army missions involve utilization of highly specialized and unique civilian work force. Many of these people establish deep roots in the local community and are reluctant to dislocate with the transfer of the functions they perform. The lack of appropriate labor market thus becomes a factor in evaluating proposed realignment actions.

6. FACILITIES/HOUSING AVAILABILITY. Maximum utilization of existing facilities with minimum expenditures for new facilities is a major goal in all realignment actions. This includes both mission related facilities and support facilities on-post and housing both on-post and off-post. Large capital investments for replacement facilities militate against relocation of activities which require highly specialized, high cost facilities or, in the case of major combat units, large land areas.

7. CAPITAL INVESTED. This factor is the converse of the preceding factor. Having made a large capital investment in facilities at a particular installation, the Army tends to be tied to that installation for the duration of the useful life of the facilities.

8. GEOGRAPHICAL LOCATION. The geographic location influences the ability of assigned forces to execute their mission. Weather, terrain, proximity to air and surface transportation, etc. all contribute to retention of installations which enhance operational effectiveness. Likewise, selection of new installations for stationing must take all of these geographically-related factors into account.

9. LAND AREA. The need for adequate and suitable land area to support major combat units and their supporting forces is a major consideration. Bases must be capable of supporting the readiness and deployment of the assigned forces as envisioned in the United States strategy. This requirement often determines which bases will be retained in the active inventory. Where mission compatability can be achieved, the consolidation of activities at large, multi-mission bases, takes precedence over utilization of small, single-mission bases.

10. IMPACT ON OTHER SERVICES/AGENCIES. The Army provides support to many units and activities of the Department of Defense, the other Services, and other

federal agencies. Inherent in any base realignment action is consideration of the impact on those agencies. The personnel turbulence and costs associated with relocating or supporting these type activities are an integral part of any analysis conducted.

11. COMMUNITY IMPACT. Civilian support resources (e.g., community housing, medical, schools, and recreational facilities) are a consideration in developing base realignment actions. Of particular importance is family housing. Areas which have residual capability to adequately house families negate the cost of providing government housing and facilitate rapid completion of the proposed action. Adequate support should exist on or off a gaining installation to avoid a realignment action being counter-productive in terms of morale. Since personnel support capability on our installations is limited, the contribution of the civilian community in this area is important. Conversely, realignment actions, which reduce the Army presence in an area, seriously impact on communities, particularly those in which the major source of the economic base is the military installation. When possible, realignment actions are designed to minimize the impact on local communities. Where appropriate, assistance will be provided to local community leaders in their negotiations with the Office of Economic Adjustment, Department of Defense, whose function is to assist communities in reestablishment of an economic base where reduction in Defense expenditures has been severe.

12. ENVIRONMENTAL IMPACT. All actions must be assessed to determine their impact on the environment. Base realignment options must have an initial assessment during the preliminary planning. If significant environmental impact is indicated, at either a gaining or losing base, then an environmental impact statement must be prepared in accordance with the National Environmental Policy Act of 1969.

13. RESERVE COMPONENTS SUPPORT. The increased emphasis on utilization of Reserve Component forces to meet future contingency requirements must be considered. Reserve units are generally constituted in areas where there are population resources. Their readiness depends upon availability of adequate local ranges and local training areas. This requires that the range facilities and training areas not only be of the proper size and configuration, but also that they be within reasonable commuting distance. Readiness is adversely affected by increased commuting time and corresponding decreased training time availability. Concomitantly, personnel job satisfaction is lowered and personnel recruiting

and retention rates decreased. Many of our bases, both active and inactive, are used extensively for support of these units, both for weekend training and annual summer training. The impact on these type units is an integral part of any analysis conducted.

14. MOBILIZATION AND CONTINGENCY REQUIREMENTS. The type and number of bases required are determined by the need to be capable of supporting the strategy directed by national policy, the operational and training requirements of the Army, and the retention of sufficient flexibility to support unprogramed increases in troop strengths. Coupled with this is the uncertainty as to when a base might be needed again. The costs of inactivating and reactivating a base can offset savings derived from its closure.

15. ENCROACHMENT. Urban and airspace encroachment into vital areas surrounding installations is of continuing concern. Some installations which were originally remote have attracted major population growth and, as a result, continued operations have been threatened through urban expansion. Civilian aviation activity has served to restrict the airspace available for military operations. Encroachment, therefore, is an element in determing the future viability of an installation. It is also possible that major weapons changes may bring about encroachment "from within." For example, ranges now adequate for artillery firing may become too small for artillery weapons which may be introduced in the future. However, where encroachment has become a problem, its impact is considered during development of base realignment actions.

16. LONG RANGE PLANS. Since the future forces cannot be predicted with certainty and are subject to unprogramed changes, flexibility to accommodate these changes within the base structure should be preserved when possible and economical. This entails developing reasonable assumptions on what unprogramed force changes might occur and determining how the various options could support the assumed force changes. However, flexibility is difficult to quantify and, as a result, tends to be a subjective consideration. Realignment alternatives will be weighed in terms of their potential to meet unprogramed force changes.

The overseas base structure is driven by Army forward deployments and these foward deployments are, in turn, driven by National policy. For these reasons the above discussion is limited to the base structure in the United States.

III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

In common with the Marines, but differing from the Navy and Air Force, the Army's major combat mission elements use their portion of the base structure only for training, quartering of personnel and maintenance of equipment in preparation for the combat mission. They do not normally fight the war from fixed installations, as would units of the Strategic Air Command or the Fleet Ballistic Missile Submarine Force.

Overseas deployed units are generally located in close proximity to the area of their anticipated wartime mission. the precise locations, however, are primarily determined by what the host government can and will make available.

The stationing of divisions and other major tactical units is given priority consideration based on such critical factors as the presence of adequate maneuver space and ranges, the availability of housing and support and restricting environmental impacts. Since stationing choices were of necessity made from existing installations originally acquired to meet less demanding conditions, these stations involve in all cases some compromise of ideal conditions. As noted in Section II, divisions are presently "outgrowing" their installation confines. For those divisions having prepositioned unit equipment in overseas theaters, precise location in CONUS vis-a-vis the primary wartime mission is no longer a major consideration. Strategic airlift can move personnel and their individual equipment east or west with minimal significant time differential. For units scheduled to move by surface transport with full equipment later in a particular deployment scenario, location within the CONUS is still a consideration.

The CONUS logistics base structure, to include installations with research and development as primary missions, is also largely evolutionary. It is what remains of World War II mobilization, created at widely dispersed locations with considerable redundancy, in anticipation of enemy attack against the homeland. Much rationalized and modernized, it is serviceable and capable of performing its mission of supporting deployed forces.

STRATEGIC FORCES (100)

Base Requirements.

The basing of strategic forces is confined primarily to communications type activities which are normally satellited on installations for logistical support.

Major Force Structure Changes and Their Impact on Base Structure:

No major changes in force structure are forecast during FY 1979.

GENERAL PURPOSE FORCES (200)

Base Requirements:

The Army must train the way it will fight. The battalion task force, the minimum training module, must regularly practice offensive and defensive tactics deployed on frontages and depths comparable to those expected in wartime. When battalions have demonstrated critical task proficiency, brigade exercises should be conducted so as to bring into play the full range of fire support, operations and logistical contingencies. Brigade exercises should occur as often as deemed necessary and include conduct of live fire exercises in which the full range of fire support, mobility and electronic warfare is brought to bear. Division commanders should deploy critical elements of their commands within a realistic battlefield environment in order to exercise an appropriate range of combined arms operations in a joint setting over reasonable frontages and depths.

Each divison/brigade installation should have access to an area capable of supporting at least brigade exercises, battalion level Army Training and Evaluation Programs (ARTEP), and live fire for at least battalion sized elements. Since some installations do not have access to such training areas, the Army is considering expanding certain bases with critical training area shortfalls. Equally important, the area should permit opposing force exercises in which ground forces would be pitted against an "enemy".

Units without prepositioned equipment overseas should be located at installations in proximity of the port of embarkation (sea and air) from which they are most likely to deploy in order that they can respond quickly to early deployment requirements. Units should also be stationed in proximity to the coasts and borders of the nation to be in a position to counter threats to CONUS yet they must have sufficient land to train and fire their weapons. They should not be stationed near heavily populated areas, industrial complexes or other strategic targets. The

surrounding area should offer sufficient space for dispersal to ensure that the unit itself does not present a lucrative military target and is afforded a reasonable degree of survivability and training areas should provide the force with a wide array of climatological and topographical features in which to train and which represent a cross-section of the world's environments.

Active installations should be located so as to readily accommodate Reserve Component (RC) units in the event of mobilization without necessitating excessive movement and delay from home station to mobilization station. Implicit also in the mobilization stationing requirement is the necessity for providing RC units with annual training and inactive duty training sites.

In the Continental United States, the major active combat units are -- 10 divisions (includes three new divisions not fully manned), two separate brigades, an air cavalry combat brigade, and an armored cavalry regiment. The units are structured for a variety of environments and missions. The goal is to maintain a force which is available for rapid commitment.

In Europe, four divisions, four brigades, and two armored cavalry regiments retain the high level of readiness necessary to permit an immediate response to any aggression against the NATO alliance.

In the Pacific, the division in Hawaii and elements of the division remaining in the Republic of Korea (with its Korean augmentation) are ready to perform their assigned combat mission. A portion of the division in Korea is scheduled to withdraw in FY 79 with the balance to be withdrawn subsequently.

In the Panama Canal Zone and Alaska, the Army has deployed one brigade in each area to provide a ready response to any contingency which might arise in those areas.

All eight Army National Guard divisions are located within the Continental United States. In addition, the Army Guard has 19 combat brigades (three of which roundout the three new active divisions) and three armored cavalry regiments located in the Continental United States, one combat brigade located in Hawaii, which is roundout for the Hawaiian active division, and one combat brigade in Puerto Rico. The Army Reserve has three combat brigades in the United States. Both the Army National Guard and the Army Reserve major combat units provide the Total

Army a substantial combat force. The following depicts stationing of Active and Reserve Component divisions.

Active Divisions	Location
1st Infantry (Mechanized) (-)	Fort Riley, Kansas
2d Infantry	Camp Casey, Korea
3rd Infantry (Mechanized)	Wurzburg, Germany
4th Infantry (Mechanized)	Fort Carson, Colorado
5th Infantry (Mechanized) (-)	Fort Polk, Louisiana
7th Infantry (-)	Fort Ord, California
8th Infantry (Mechanized)	Bad Kreuznach, Germany
9th Infantry	Fort Lewis, Washington
24th Infantry (-)	Fort Stewart, Georgia
25th Infantry (-)	Schofield Barracks, Hawaii
1st Cavalry	Fort Hood, Texas
1st Armored	Ansbach, Germany
2d Armored	Fort Hood, Texas
3rd Armored	Frankfurt, Germany
82d Airborne	Fort Bragg, North Carolina
101st Airborne (Air Assault)	Fort Campbell, Kentucky

Army National Guard Divisions	Location*
26th Infantry	Massachusetts/Connecticut
28th Infantry	Pennsylvania
38th Infantry	Indiana/Michigan
40th Infantry (Mechanized)	California
42d Infantry	New York
47th Infantry	Minnesota/Iowa/Illinois
49th Armored	Texas
50th Armored	New Jersey/Vermont

*First state listed is location of division headquarters.

Nondivisional combat general purpose forces are distributed throughout the base structure with emphasis on providing balanced forces at the major combat unit installations.

The Army must also maintain semi-active installations, which are required primarily for the support of training of Reserve Components and for mobilization. In addition, there are state owned/leased installations which are required for support of weekend and annual training and mobilization. Active component installations also perform these functions but are not adequate to satisfy the total requirement. The Army cannot fulfill full mobilization requirements in the time frame envisioned under current strategy unless these installations are maintained. Access to additional acreage for maneuver

purposes will be essential to the extensive training required to make the mobilized force fully combat ready.

Terminal and outport facilities function under the Military Traffic Management Command (MTMC), which has area command headquarters at Bayonne, New Jersey and Oakland, California. The area command headquarters each commands a military ocean terminal for general cargo at their respective locations and military outports at various commercial ports. The DoD transportation mission is accomplished almost exclusively by utilizing commercial resources. The military ocean terminals, which are shared with industry during peacetime, will be returned to military use when needed. Hazards involved in moving ammunition require that separate government-owned terminals be maintained.

Major Force Structure Changes and Their Impact on Base Structure:

The withdrawal of the division from Korea, commencing in FY 1979, will reduce the foreign base structure requirements. Stationing of the division in the United States is not expected to increase the overall domestic base structure. In addition, plans to convert to heavy divisions and to activate additional mechanized and armor maneuver elements, when approved, will require expansion of facilities at installations but are not expected to increase the base structure overall.

An ongoing realignment study which could impact on Fort Indiantown Gap, Pennsylvania.

AUXILIARY FORCES (300)

Basing Requirements:

Research, development, testing and evaluation of Army materiel, weapons and support systems are accomplished primarily by the US Army Development and Readiness Command (DARCOM). To accomplish its mission, DARCOM requires extensive complexes of test facilities for ammunition and missiles, as well as facilities for other materiel and administration of test programs.

The US Army Communications Command (USACC) provides Army-wide non-tactical communications and air traffic control support. To provide base communications support USACC requires tenant facilities at most installations. Additionally, installations are used by USACC to accomplish support of the Defense Communications System and Army Command and Control requirements.

Major Force Structure Changes and Their Impact on Base Structure:

Ongoing realignment studies involving location of the Intelligence and Security Command and elements of the US Army Development and Readiness Command could impact on Arlington Hall Station, Virginia and Vint Hill Farms Station, Virginia.

MISSION SUPPORT FORCES (400)

Basing Requirements:

To provide adequate command, control and management of Army resources, it is essential that necessary administrative space be available. These installations serve as homes for major command headquarters, for units engaged in supervising Reserve Component training and readiness and for unique specialized functions. They require a highly sophisticated work force, not normally found at remote locations, and rapid modes of close-in transportation. While not contributing directly to the "tooth" side of the Army, they are an integral part of the "tail" and significantly contribute to the attainment of a combat ready Army.

Major Force Structure Changes and Their Impact on Base Structures:

No major changes in force structure are forecast during FY 1979.

CENTRAL SUPPORT FORCES (500)

Basing Requirements:

Since 1813, arsenals have been the continuing centers for the preservation of unique skills required for the defense of the United States. Their role has evolved from one of manufacturing, storage and maintenance of weapons to one of serving as the nuclei from which private industry obtained "know-how" to mass produce a multitude of products used in war. More recently, their manufacturing activities have been limited to production of very small quantities of items where a producer in private industry could not be found. Their primary mission is to support the research and development program by providing the capability to build prototype research and development items and to provide a production base in the event of mobilization. A second major area of production type bases is the Government-Owned Contractor-Operated (GOCO) plants used in the production

of munitions. A number of these are presently in standby status with others active. The fact that these plants are contractor operated provides the Army the flexibility to more readily expand or contract our capability consistent with requirements. Continued modernization of these plants is essential to assure a viable capability attuned to prospective needs. DA designation as Single Service Manager for Ammunition will increase the base structure devoted to this function by transfer of Hawthorne AP, Nevada and McAlester AP, Oklahoma, from the Navy and establishment of the Mississippi AAP, Bay St. Louis, Mississippi.

Depot storage and maintenance requirements consist of:

1. General depots having responsibility for the storage, maintenance and distribution of major items. These may also have the additional requirement for safe storage, maintenance and distribution of explosives, special weapons, toxic and chemical materiel.

2. Distribution depots having responsibility for supporting assigned geographic areas, both CONUS and overseas, for storage and distribution of secondary items. In some instances they have maintenance activities and may continue to have this mission in the future.

3. Depot activities which store major items and act as an extension of the storage capability of the depots. In some cases, they too have the additional requirement discussed under general depots.

Long range planning for depot maintenance facilities is a dynamic effort, affected by several variables. These include realignment within the DoD to establish "single service managers" (e.g., assign to a given service a new item entering the inventory), the use of contractor owned/operated facilities in lieu of organic (in-house) Army owned/operated facilities to perform depot maintenance of equipment, and the expanded efforts to "maximize" interservicing of material. At the same time, studies are being conducted to determine the minimum CONUS base required to sustain the mission essential workload authorized for organic depot level accomplishment.

Service schools have the primary mission of replenishing forces with trained personnel in peacetime and maintaining a wartime expansion capability to support mobilization. Driven by improvements in communicative technology and by the need to conduct training relevant

to new organizations, tactics and weapons systems, these schools will aim at establishing centers of excellence for the trianing and doctrine of all branches.

The initial entry training centers will develop and administer programs of instruction driven by the same factors discussed above on service schools.

Medical bases exist primarily for the support of active Army forces; consequently, geographical distribution is directly related to the overall Army structure. Hospitals provide medical support while medical centers are located to also provide consultative and referral services within specific regions to both Army and other Services' hospitals. Medical support has become highly area oriented during the past years and coordination between the services to preclude duplication of effort and to provide cross utilization of resources has greatly increased. The Army supports this concept and feels that development of requirements cannot be accomplished in isolation of the other services.

Major Force Structure Changes and Their Impact on Base Structure:

Reduced accessions, combined with reductions to the training base may result in some changes to the base structure associated with individual training.

Ongoing realignment studies which could impact on Forts Hamilton/Totten/Wadsworth, New York.

INDIVIDUALS (600)

The Army has no major installations falling into this IDPPC.

IV. BASE OPERATIONS COSTS (BOC) FOR FY 1979.

Summary Table VI of FY 1979 Estimated Base Operations Costs as defined in the introduction follows:

TABLE VI

MAJOR DEFENSE PROGRAMS

ARMY BASE OPERATIONS COSTS ($ MILLIONS)

Major Defense Programs	Fifty States	US Territories and Possessions 1/	Foreign Overseas Areas	Total
Strategic (01) 2/	-	-	-	-
General Purpose (02)	1,090.3		1,430.0	2,520.3
Intell. & Comm. (03) 3/	198.2		43.8	242.0
Airlift Sealift (04) 2/	-		-	-
Guard & Reserve (05)	143.1			143.1
Research & Develop. (06) 2/	-	-	-	-
Central Supply & Maint. (07) 3/	350.9		32.1	383.0
Trng, Med & Other Pers (08) 3/	1,152.2		90.8	1,243.0
Admin. & Assoc. (09) 3/	96.0			96.0
Support of Other Nations (10) 2/	-	-	-	-
TOTAL ARMY 4/	$3,030.7	-	1,596.7	4,627.4

1/ Army does not have separate program elements for base operations of installations in territories or possessions. These costs are included in the base operations program element of the major command that operates the installation.

TABLE VI (Con't)

MAJOR DEFENSE PROGRAMS

ARMY BASE OPERATIONS COSTS ($ MILLIONS)

2/ Army does not budget for base operations in Programs 1, 4, 6 or 10.

3/ Army budgets for all base communication costs in Program 3, all commissary store costs in Program 7, all medical costs in Program 8 and all standard level user charges in Program 9.

4/ Total consist of Operation & Maintenance, Military Pay and Family Housing appropriations allocated to base support.

V. ACTIONS TO REDUCE ANNUAL BASE OPERATIONS COSTS

The Army continues an active program to promote management efficiencies and consolidate or eliminate functions in order to reduce base operations costs. A number of these will impact the FY 1979 budget:

1. Continued efforts will be made to convert in-house commercial industrial type functions to contract, in those areas not specifically prohibited by the Congress. Conversions which take place are designed to reduce the costs of operation or result in the transfer of military personnel to combat related units.

2. The Army has also installed automated systems such as the Standard Army Intermediate Level Supply System (SAILS) which has resulted in reduced manpower requirements in the supply operations area.

3. The centralization of management of commissary stores has also enabled the Army to reduce the number of personnel utilized in that area. In order to effectively utilize existing personnel in commissary stores, the Army has converted full time personnel to part time personnel where such action was feasible and did not degrade the level of service to customers.

4. In order to preclude the growth of the number of personnel employed in base operations functions the Army will utilize contactors to perform certain new functions such as compliance with Occupational Safety and Health Act (OSHA) standards and environmental standards.

5. Similarly, consolidation of real property maintenance activities with other military services is designed to reduce overall base support costs.

6. The Army's continued scrutiny of its installations and activities is expected to reduce nonessential overhead and support personnel and associated costs. Following examples are cited:

a. In order to reduce the number of high cost, single mission installations, the Army is studying potential realignments at Forts Hamilton, Totten and Wadsworth, New York; Fort MacArthur, California; Arlington Hall Station, Virginia and Vint Hill Farms Station, Virginia. Also under study is possible termination of most active Army activities at Fort Indiantown Gap, Pennsylvania.

b. As part of a continuing program to streamline depot operations, the Army is studying the feasibility of realigning some functions now performed at New Cumberland Army Depot, Pennsylvania, and Rock Island Arsenal, Illinois, with other depots.

c. A number of other actions are being studied to reduce overhead support costs, to consolidate schools within the Army and to consolidate Army schools with other military service schools. Included is the concept of conversion to contract to reduce the base support costs related to the Army training mission.

SECTION VI

Army Base Structure

Strength data by separate installations in Germany are not available at Department of the Army (DA) headquarters. US Army, Europe was requested to provide these data but due to time involved for compilation of the data and transmittal time between Europe and DA headquarters these data were not received in time for inclusion in the FY 1979 BSA.

TABLE VII

SUMMARY OF NUMBER OF ARMY INSTALLATIONS, ACTIVITIES AND PROPERTIES

Mission Category (IDPPC)	Fifty States		U.S. Territories and Possessions	Foreign Overseas Areas	Total
	Act.	Inact.	Act.	Act.	
STRATEGIC FORCES					
-Strategic (101					
-Intell. & Comm. (103)	1		0	0	1
-Guard & Reserve (105)					
-Research & Develop (106)					
GENERAL PURPOSE FORCES					
-General Purpose (202)	16		7	165	188
-Intell. & Comm. (203)					
-Airlift Sealift (204)	3	1	0	0	4
-Guard & Reserve (205)	8		2	0	10
-Research & Develop (206)					
AUXILIARY FORCES					
-Intell. & Comm. (303)	4		0	3	7
-Research & Dev. (306)	17		1	0	18
MISSION SUPPORT FORCES					
-General Purpose (402)	5		0	8	13
CENTRAL SUPPORT FORCES					
-Central Supply & Maint. (507)	48	13	0	15	76
-Training Medical & Other (508)	33	1	0	11	45
TOTAL ARMY	135	15	10	202	362

SECTION VI

Part 1 Army

Base Structure Listing by IDPPC Category, by State;
Territories and Possessions and Foreign Areas

ARMY BASE STRUCTURE

STRATEGIC FORCES

FIFTY STATES

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
INTELLIGENCE & COMMUNICATIONS (103)				
Fort Ritchie, Waynesboro, PA	MD	1,986	638	Communications

NOTE: It should be noted that all personnel strengths shown throughout this section represent total Army personnel (military and appropriated fund civilians) at the installation rather than the strength of the major unit/activity indicated under column 5.

ARMY BASE STRUCTURE

GENERAL PURPOSE FORCES

FIFTY STATES

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
Fort Richardson, Anchorage	AK	7,606	70,173	172nd Infantry Brigade
Fort Wainwright, Fairbanks	AK	2,983	656,063	172nd Infantry Brigade
Fort Ord, Seaside	CA	20,096	28,014	7th Infantry Division (Minus)
Fort Hunter Liggett, King City	CA		164,637	Division Training CDEC Experimentation
Fort Carson, Colorado Springs	CO	23,516	137,789	4th Infantry Division (Mech)
Fort Stewart, Savannah	GA	12,845	279,272	24th Infantry Division (Mech) (Minus)
Hunter Army Airfield, Savannah	GA	4,114	5,651	Division Training
Schofield Barracks, Honolulu	HI	11,685	14,112	25th Infantry Division (Minus)
Pohakuloa Trng Area, Hilo	HI	-	116,423	Division Training
Fort Riley, Junction City	KS	20,555	100,990	1st Infantry Division (Mech) (Minus)
Fort Campbell, Clarksville	KY/TN	24,129	111,150	101st Airborne Division
Fort Polk, Leesville	LA	14,634	197,899	5th Infantry Division (Mech) (Minus)
Fort Bragg, Fayetteville	NC	43,188	130,696	82nd Airborne Division
Fort Hood, Killeen	TX	51,994	217,214	1st Cavalry Division 2nd Armored Division

Installation/City	State	Total Pers.	Land Area (Acres	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Fort Lewis, Tacoma	WA	27,144	86,759	9th Infnatry Division
Yakima Firing Ctr, Yakima	WA	-	263,131	Division Training
AIRLIFT/SEALIFT (204)				
Oakland Army Base, Oakland	CA	990	562	Harbor & Port
Military Ocean Terminal Bayonne, Bayonne	NJ	1,139	679	Harbor & Port
Military Ocean Terminal Sunny Point, Wilmington	NC	291	16,324	Harbor & Port
GUARD AND RESERVE (205)				
*Fort Chaffee, Fort Smith	AR	185	71,968	Reserve Components & Active Army Training
*Fort Irwin, Barstow	CA	0	642,805	Reserve Components & Active Army Training
*Camp Roberts, San Luis Obispo	CA	63	42,361	Reserve Components & Active Army Training
*Fort Drum, Watertown	NY	910	107,265	Reserve Components & Active Army Training
*Fort Indiantown Gap, Lebanon	PA	934	17,864	Reserve Components & Active Army Training
*Fort A. P. Hill, Fredericksburg	VA	879	77,139	Reserve Components & Active Army Training

*Indicates installation being retained primarily for mobilization.
Peacetime utilization is training for both Reserve Components and Active Army.

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GUARD AND RESERVE (205) (Cont'd)				
*Fort Pickett, Petersburg	VA	289	45,198	Reserve Components & Active Army Training
*Fort McCoy, Sparta	WI	962	59,779	Reserve Components & Active Army Training
1,006 Reserve Centers, Various				**Army Reserve Training
557 Annual & Weekend Trng Site, Various				**Army Reserve Training
289 Annual & Weekend Trng Site, Various				National Guard

*Indicates installation being retained primarily for mobilization. Peacetime utilization is training for both Reserve Components and Active Army.

**Some are joint use with other Reserve or National Guard Components.

ARMY BASE STRUCTURE

GENERAL PURPOSE FORCES

US TERRITORIES AND POSSESSIONS

Installation/City	Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
Panama Canal Military Res.,* Balboa	CZ	**9,346		
Amador Sub Area, Balboa	CZ		346	193d Infantry Bde HQ
Clayton Sub Area, Balboa	CZ		8,218	US Army Tropic Test Center
Kobbe Sub Area, Balboa	CZ		9,509	Training
Davis Sub Area, Cristobal	CZ		3,056	Support of General Purpose Mission Forces.
Gulick Sub Area, Cristobal	CZ		3,521	US School of the Americas
Sherman Sub Area, Toto Point	CZ		12,440	Jungle Operations Training Center
Quarry Heights Military Installation, Balboa	CZ		146	Joint Headquarters

*Title 35, Code of Federal Regulations, dated July 1, 1977, except for Quarry Heights Military Reservation, reflects one Army installation in the Panama Canal Zone, the Panama Canal Military Reservation, comprised of several subareas. The six major subareas reflected are what were formerly known as major Army installations in Panama Canal Zone.

**Includes total military & civilian for Panama Canal Zone; civilian strengths by separate locations are not available.

Installation/City	Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GUARD AND RESERVE (205)				
Fort Buchanan, San Juan	PR	178	1,106	Reserve Training
Camp Santiago, Salinas	PR		11,431	Army National Guard Trng

ARMY BASE STRUCTURE

GENERAL PURPOSE FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
Ansbach				
Barton Barracks, Ansbach	Germany		35	1st Armored Division
Bleidern Kaserne, Ansbach	Germany		16	VII Corps Artillery
Hindenburg Kaserne, Ansbach	Germany		30	1st Armored Division
Katterbach Kaserne, Katterbach	Germany		395	1st Armored Division
McKee Barracks, Crailsheim	Germany		192	1st Armored Division
Storck Barracks, Illesheim	Germany		440	1st Armored Division
Aschaffenburg				
Fiori Barracks, Aschaffenburg	Germany		37	3d Infantry Division (Mech)
Graves Barracks, Aschaffenburg	Germany		47	3d Infantry Division (Mech)
Jaeger Barracks, Aschaffenburg	Germany		17	7th Engineer Brigade
Ready Barracks, Aschaffenburg	Germany		28	3d Infantry Division (Mech)
Smith Barracks, Aschaffenburg	Germany		15	3d Infantry Division (Mech)

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Augsburg				
Flak Kaserne, Augsburg	Germany		72	US Army Medical Command, Europe
Reese Barracks, Augsburg	Germany		104	VII Corps Artillery
Sheridan Kaserne, Augsburg	Germany		172	3d Infantry Division (Mech)
Bad Kreuznach				
Anderson Barracks, Dexheim	Germany		116	8th Infantry Division (Mech)
Dichtelbach Missile Station, Dichtelbach	Germany		62	32d Air Defense Command
Minick Kaserne, Bad Kreuznach	Germany		9	8th Infantry Division (Mech)
Rose Barracks, Bad Kreuznach	Germany		45	8th Infantry Division (Mech)
Wueschheim Missile Station, Hasselbach	Germany		39	32d Air Defense Command
Bad Tolz				
Flint Kaserne, Bad Tolz	Germany		137	US Army Special Forces
Bamberg				
Bamberg Storage & Range Area, Bamberg	Germany		431	1st Armored Division
Harris Barracks, Coburg	Germany		8	2d Armored Cavalry Regiment
Warner Barracks, Bamberg	Germany		215	1st Armored Division

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Baumholder				
Hisel Missile Station, Hisel	Germany		40	32d Air Defense Command
Smith Barracks, Baumholder	Germany		889	8th Infantry Division (Mech)
Strasburg Kaserne, Idar Oberstein	Germany		41	8th Infantry Division (Mech)
Wetzel Kaserne, Baumholder	Germany		207	3d Support Command
Berlin				
Andrews Barracks, Berlin	Germany		109	Berlin Brigade
McNair Barracks, Berlin	Germany		69	Berlin Brigade
Roosevelt Barracks, Berlin	Germany		15	Berlin Brigade
Turner Barracks, Berlin	Germany		7	Berlin Brigade
Bremerhaven				
Carl Schurz Kaserne, Bremerhaven	Germany		481	US Army Support Group, Nordeutschland
Darmstadt				
Babenhausen Kaserne, Babenhausen	Germany		365	V Corps Artillery
Cambrai Fritsch Kaserne, Darmstadt	Germany		64	7th Signal Brigade

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Darmstadt (Cont'd)				
Ernst Ludwig Kaserne, Darmstadt	Germany		55	24th Engineer Group
Kelley Barracks, Darmstadt	Germany		117	130th Engineer Brigade
Fulda				
Downs Barracks, Fulda	Germany		117	11th Armored Cavalry Regiment
McPheeters Barracks, Bad Hersfeld	Germany		46	11th Armored Cavalry Regiment
Frankfurt				
Camp Eschborn, Frankfurt	Germany		151	130th Engineer Brigade
Camp King, Oberursel	Germany		39	4th Transportation Brigade
Drake Barracks, Frankfurt	Germany		35	3d Armored Division
Edwards Barracks, Frankfurt	Germany		23	3d Armored Division
Frankfurt Hqs Area, Frankfurt	Germany		84	V Corps Headquarters
Gibbs Barracks, Frankfurt	Germany		24	V Corps Military Police
McNair Barracks, Frankfurt-Hoechst	Germany		6	V Corps Signal
Michael Barracks, Frankfurt-Hoechst	Germany		28	V Corps (3d Support Command)
Garmisch				
Sheridan Barracks, Garmisch	Germany		26	US Military Armed Forces Recreation Center

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Giessen				
Ayers Kaserne, Kirchgoens	Germany		275	3d Armored Division
Pendleton Barracks, Giessen	Germany		36	3d Support Command
Ray Barracks, Friedburg	Germany		187	3d Armored Division
Rivers Barracks, Giessen	Germany		45	V Corps Artillery
Schloss Kaserne, Butzbach	Germany		33	3d Armored Division
Goeppingen				
Bismarch Kaserne, Schwaebisch-Gmuend	Germany		17	56th Field Artillery Brigade
Cooke Barracks, Goeppingen	Germany		317	1st Infantry Division/ Forward
Hardt Kaserne, Schwaebisch-Gmuend	Germany		29	56th Field Artillery Brigade
Hanau				
Argonner Kaserne, Hanau	Germany		51	3d Armored Division
Armstrong Barracks, Buedingen	Germany		39	3d Armored Division
Coleman Barracks, Gelnhausen	Germany		80	3d Armored Division
Fliegerhorst Airfield Kaserne, Hanau	Germany		612	V Corps Artillery & Aviation
Francois Kaserne, Hanau	Germany		22	3d Armored Division
Grossauheim Kaserne, Grossauheim	Germany		213	3d Support Command

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Hanau (Cont'd)				
Hessen-Homburg Kaserne, Hanau	Germany		17	3d Armored Division
Hutier Kaserne, Hanau	Germany		43	3d Armored Division
Pioneer Kaserne, Hanau	Germany		94	130th Engineer Brigade
Yorkhof Kaserne, Hanau	Germany		3	USAREUR Labor Service
Heidelberg				
Heidelberg Airfield, Heidelberg	Germany		45	HQ USAREUR (Aviation)
Kilbourne Kaserne, Schwetzingen	Germany		11	US Military Personnel Center, Europe
Patton Barracks, Heidelberg	Germany		28	HQ USAREUR (Special Troops)
Tompkins Barracks, Schwetzingen	Germany		88	USAREUR Map Depot/Bridge Park
Heilbronn				
Artillery Kaserne, Neckarsulm	Germany		23	56th Artillery Brigade
Badenerhof Kaserne, Heilbronn	Germany		25	56th Artillery Brigade
Dallau Tactical Defense Station, Dallau	Germany		43	32d Air Defense Command
Kleingartach Missile Station, Kleingartach	Germany		31	32d Air Defense Command
Warton Barracks, Heilbronn	Germany		58	7th Signal Brigade

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Kaiserslautern				
Kleber Kaserne, Kaiserslautern	Germany		79	21st Support Command
Panzer Kaserne, Kaiserslautern	Germany		18	HQ 21st Support Command
Pulaski Barracks, Einsiedlerhof	Germany		189	US Army Labor Service Agency
Rhine Ordnance Barracks, Kaiserslautern	Germany		3,634	US Army Combat Equipment Group, Europe 21st Support Command
Karlsruhe				
Griesheim Missile Station, Darmstadt	Germany		28	32d Air Defense Command
Gerszewski Barracks, Karlsruhe	Germany		220	24th Engineer Group
Neureut Kaserne, Neureut	Germany		164	7th Engineer Brigade (Minus)
Rhineland Kaserne, Ettlingen	Germany		33	7th Engineer Brigade (Minus)
Smiley Barracks, Karlsruhe	Germany		41	18th Engineer Group
Mainz				
Dragoner Kaserne, Mainz	Germany		5	8th Infantry Division
Finthen Airfield, Finthen	Germany		435	V Corps Aviation
Lee Barracks, Gonsenheim	Germany		74	8th Infantry Division (Mech)
McCully Barracks, Wackernheim	Germany		77	8th Infantry Division (Mech)

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Mannheim				
Coleman Barracks, Mannheim	Germany		580	7th Signal Brigade Hq.
Funari Barracks, Mannheim	Germany		26	US Army Combat Equipment Group
Gendarmerie Kaserne, Mannheim	Germany		20	US Army Labor Service Agency
Turley Barracks, Mannheim	Germany		33	3d Support Command
Spinelli Barracks, Mannheim	Germany		200	4th Transportation Brigade
Sullivan Barracks, Mannheim	Germany		108	8th Infantry Division (Mech)
Taylor Barracks, Mannheim	Germany		115	US Army Military Community, Mannheim
Munich				
McGraw Kaserne, Munich	Germany		37	Army & Air Force Exchange Service, Europe
Neu Ulm				
Inneringen Tactical Defense Station, Sigmaringen	Germany		48	56th Artillery Brigade
Nelson Barracks, New Ulm	Germany		38	59th Ordnance Group
Wiley Barracks, Neu Ulm	Germany		179	1st Infantry Division (Mech)/ Forward

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Nuernberg				
Darby Kaserne, Fuerth	Germany		99	1st Armored Division
Ferris Barracks, Erlangen	Germany		316	1st Armored Division
Herzo Base, Herzogenaurach	Germany		296	VII Corps Artillery
Johnson Barracks, Fuerth	Germany		127	1st Armored Division
Merrell Barracks, Nuernberg	Germany		43	2d Armored Cavalry Regiment
Montieth Barracks, Fuerth	Germany		299	1st Armored Division
O'Brien Barracks, Schwabach	Germany		54	1st Armored Division
Pinder Barracks, Zirndorf	Germany		61	1st Armored Division
Pirmasens				
Husterhoehe Kaserne, Pirmasens	Germany		741	59th Ordnance Group
Schwaebisch Hall				
Dolan Barracks, Hessental	Germany		395	11th Aviation Group
Schweinfurt				
Conn Barracks, Schweinfurt	Germany		500	3d Infantry Division (Mech)
Daley Barracks, Bad Kissingen	Germany		87	11th Armored Cavalry Regiment
Ledward Barracks, Schweinfurt	Germany		126	3d Infantry Division (Mech)

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Seventh Army Training Command				
Camp Wildflecken, Wildflecken	Germany		17,562	3d Infantry Division (Mech)
Christensen Barracks, Bindlach	Germany		410	2d Armored Cavalry Regiment
East Camp Grafenwohr, Grafenwohr	Germany		1,898	3d Brigade, 1st Armored Division
Hohenfels Training Area, Hohenfels	Germany		40,012	7th Army Training Command
Pioneer Kaserne, Regensburg	Germany		13	32d Air Defense Command
Pond Barracks, Amberg	Germany		42	2d Armored Cavalry Regiment
Schemm Kaserne, Bayreuth	Germany		7	2d Armored Cavalry Regiment
South Camp Vilseck, Vilseck	Germany		1,039	7th Army Training Command
Stuttgart				
Boeblingen Maintenance Plant, Boeblingen	Germany		190	2d Support Command
Boettingen Tactical Defense Station, Boettingen	Germany		54	32d Air Defense Command
Coffee Barracks, Ludwigsburg	Germany		22	US Army Medical Command, Europe
Echterdingen Airfield, Stuttgart	Germany		196	ASA, USAREUR & 7th Army

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Stuttgart (Cont'd)				
Flak Kaserne, Ludwigsburg	Germany		44	2d Support Command
Funker Kaserne, Esslingen	Germany		18	2d Support Command
Grenadier Kaserne, Zuffenhausen	Germany		21	VII Corps Headquarters
Kelley barracks, Moehgringen	Germany		72	VII Corps Headquarters
Krabbenloch Kaserne, Ludwigsburg	Germany		28	VII Corps Signal Battalion
Ludendorf Kaserne, Kornwestheim	Germany		29	7th Engineer Brigade
Nellingen Kaserne, Nellingen	Germany		306	2d Support Command
Panzer Kaserne, Boeblingen	Germany		88	1st Infantry Division (Mech)/ Forward
Robinson Barracks Stuttgart	Germany		19	VII Corps Headquarters
Wallace & McGee Barracks, Stuttgart	Germany		23	USAREUR Adjutant General
Wilkin Barracks, Kornwestheim	Germany		27	56th Field Artillery Brigade
Wiesbaden				
Camp Pieri, Wiesbaden	Germany		38	V Corps Artillery
Wiesbaden Air Base, Wiesbaden	Germany		638	4th Brigade, 8th Infantry Division

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Worms				
Quirnheim Missile Station, Quirnheim	Germany		31	32d Air Defense Command
Taukkunen Barracks, Worms	Germany		30	5th Signal Command
Wuerzburg				
Emery Barracks, Wuerzburg	Germany		52	32d Air Defense Command
Giebelstadt Tactical Defense Station, Wuerzburg	Germany		26	32d Air Defense Command
Hardheim Missile Station, Hardheim	Germany		25	32d Air Defense Command
Harvey Barracks, Kitzingen	Germany		628	3d Infantry Division (Mech)
Hindenburg Barracks, Wuerzburg	Germany		17	3d Infantry Division (Mech)
Larson Barracks, Kitzingen	GErmany		571	3d Infantry Division (Mech)
Leighton Barracks, Wuerzburg	Germany		342	3d Infantry Division (Mech) Headquarters
Mainbullau Missile Station, Miltenberg	Germany		33	32d Air Defense Command
Peden Barracks, Wertheim	Germany		519	VII Corps Artillery

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Camp Zama, Sagamihara	Japan	818	584	IX Corps Headquarters US Army Garrison, Honshu
Camp Carroll, Waegwan	Korea	470	643	Combat Service Support
Camp Casey, Tongduchon	Korea	6,312	4,755	Headquarters & Admin
Camp Essayons, Uijong-Bu	Korea	565	57	Field Artillery Battalion
Camp Greaves, Changdan-Gun	Korea	663	59	Combat Support
Camp Henry, Taegu	Korea	692	68	Headquarters, 19th Support Brigade
Camp Hovey, Tongduchon-Ni	Korea	2,424	3,928	Infantry Brigade
Camp Howze, Kumchon-Ni	Korea	863	157	Infantry Battalion
Camp Humphrey, Pyong Taek	Korea	2,495	1,351	Combat and Combat Service Support
Camp Mercer, Puchon	Korea	252	107	Engineer Battalion
Camp Moiser, Uijong-Bu	Korea	389	26	Air Defense Battalion (Minus)
Camp Page, Chun Chon	Korea	423	497	Signal Company Combat Support Unit
Camp Pelham, Kumowon-Ni	Korea	528	71	Air Defense Battalion (Minus)
Camp Red Cloud, Uijong-Bu	Korea	1,259	526	Combat Service Support
Camp Stanley, Uijong-Bu	Korea	1,420	398	Field Artillery Battalion
Joint Security Area, Panmunjon	Korea	152	384	Security
Kimpo Area, Seoul	Korea	418	124	Air Defense Battalion
Niblo Barracks, Seoul	Korea	280	22	Combat Service Support

ARMY BASE STRUCTURE

AUXILIARY FORCES

FIFTY STATES

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
INTELLIGENCE & COMMUNICATIONS (303)				
Fort Huachuca, Sierra Vista	AZ	9,790	73,613	Communications Command Intelligence School
Defense Mapping Agency, Washington	DC	154	40	Mapping & Charting
Arlington Hall Station, Arlington	VA	1,357	87	Headquarters & Admin
Vint Hill Farms Station, Warrenton	VA	873	721	Communications & Intelligence Activities
RESEARCH & DEVELOPMENT (306)				
Redstone Arsenal, Huntsville	AL	11,999	36,818	Rocket & Guided Missile Research & Development
Fort Greely, Fairbanks	AK	634	639,078	Research & Development Test Center Arctic Training
Yuma Proving Ground, Yuma	AZ	1,200	1,043,389	Research & Development Test Center
Jefferson Proving Ground, Madison	IN	420	55,270	Research & Development Test Center

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
RESEARCH & DEVELOPMENT (306) (Cont'd)				
Aberdeen Proving Ground, Baltimore	MD	12,082	71,217	Research & Development Test Center Ordnance School
Edgewood Arsenal, Baltimore	MD	631	8,067	Research & Development
Fort Detrick, Frederick	MD	1,692	1,222	Research & Development
Harry Diamond Labs, Silver Spring	MD	1,260	137	Research & Development
Army Material & Mechanics Research Center, Watertown	MA	625	48	Research & Development
Natick Research & Development Center, Natick	MA	1,384	78	Research & Development
Cold Regions Research Lab, Hanover	NH	283	20	Research & Development
Fort Monmouth, Red Bank	NJ	9,162	1,408	Research & Development Headquarters
Picatinny Arsenal, Dover	NJ	5,380	6,491	Research & Development Headquarters
White Sands Missile Range, Las Cruces	NM	5,237	1,755,883	Research & Development Test Center National Test Range
Watervliet Arsenal, Watervliet	NY	2,660	140	Research & Development Production
Dugway Proving Ground, Salt Lake City	UT	956	840,910	Research & Development Test Center
Woodbridge Research Facility, Woodbridge	VA	104	579	Research & Development

ARMY BASE STRUCTURE

AUXILIARY FORCES

US TERRITORIES AND POSSESSIONS

Installation/City	Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
RESEARCH & DEVELOPMENT (306)				
Kwajalein Missile Range, Honolulu	MI	14	3,568	National Test Range

ARMY BASE STRUCTURE

AUXILIARY FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
INTELLIGENCE & COMMUNICATIONS (303)				
Augsburg				
Gablingen Kaserne, Augsburg	Germany		322	USINSCOM Field Station
Munich				
Bad Aibling Kaserne, Bad Aibling	Germany		322	Intelligence
Torii Station, Koza	Japan (Okinawa)	760	467	Intelligence

ARMY BASE STRUCTURE

MISSION SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (402)				
Presidio of San Francisco, San Francisco	CA	6,706	1,744	Headquarters Admin Letterman Army Medical Center
Fort McPherson, Atlanta	GA	5,430	505	FORSCOM Headquarters
Fort Gillem, Atlanta	GA	-	1,509	Readiness Region Hqs; Support of FORSCOM Hqs
Fort Shafter, Honolulu	HI	4,656	1,340	Headquarters & Admin
Fort George C. Meade, Baltimore	MD	10,051	13,561	Headquarters & Admin

ARMY BASE STRUCTURE

MISSION SUPPORT FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (402)				
Chievres Air Base, Mons	Belgium	31	989	NATO SHAPE Support Group
Heidelberg Campbell Barracks, Heidelberg	Germany		41	Headquarters, USAREUR
Mannheim Hammond Barracks, Mannheim	Germany		23	Headquarters, Central Army Group (NATO)
Stuttgart Patch Barracks, Vaihingen	Germany		94	Headquarters, US European Command
Zweibruecken, Kreuzberg, Zweibruecken	Germany		119	US Army Materiel Management Center, Europe
Camp Darby, Pisa	Italy	1,435	159	8th Support Group (SETAF)
Camp Ederle, Vicenza	Italy	2,463	149	Headquarters, SETAF
Yongsan, Seoul	Korea	1,931	743	Headquarters, Eighth US Army Combat Service Support

ARMY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (507)				
Anniston Army Depot, Anniston	AL	5,054	15,246	Depot
Coosa River Storage Annex, Talladega	AL	-	2,834	Storage
Navajo Depot Activity, Flagstaff	AZ	115	28,428	Storage
Pine Bluff Arsenal, Pine Bluff	AR	1,033	14,454	Production
Riverbank Army Ammunition Plant, Riverbank	CA	12	1,515	Production
Sacramento Army Depot, Sacramento	CA	2,460	485	Depot
Sharpe Army Depot, Stockton	CA	1,523	724	Depot
Sierra Army Depot, Herlong	CA	813	97,571	Depot
Pueblo Depot Activity, Pueblo	CO	899	24,201	Depot
Rocky Mountain Arsenal, Denver	CO	423	17,236	Production
Stratford Army Engine Plant, Stratford	CT	9	115	Production
Rock Island Arsenal, Rock Island	IL	7,105	907	Production
Savanna Depot Activity, Savanna	IL	489	13,063	Depot
Indiana Army Ammunition Plant, Charleston	IN	73	12,206	Production

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (507) (Cont'd)				
Iowa Army Ammunition Plant, Burlington	IA	62	19,146	Production
Defense Industrial Plant Equipment Facility, Atchison	KS	5	125	Tool Storage
Kansas Army Ammunition Plant, Parsons	KS	36	13,838	Production
Lexington Blue Grass Depot Activity, Lexington	KY	1,271	780	Depot
Blue Grass Depot Activity, Richmond	KY	478	14,596	Depot
Louisiana Army Ammunition Plant, Shreveport	LA	40	14,974	Production
Detroit Arsenal, Detroit	MI	4,623	272	Production
Detroit Arsenal Tank Plant, Detroit	MI	-	80	Production
Michigan Army Missile Plant Detroit	MI	1,047	304	Production
Pontiac Storage Facility, Pontiac	MI	12	31	Storage
Lake City Army Ammunition Plant, Independence	MO	105	3,909	Production
Fort Wingate Depot Activity, Gallup	NM	94	22,120	Storage
Seneca Army Depot, Rochester	NY	1,078	10,661	Depot
Tarheel Army Missile Plant, Burlington	NC	1	44	Production
Defense Construction Supply Center, Columbus	OH	8	566	Supply Storage & Distribution (DLA)

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (507) (Cont'd)				
Umatilla Depot Activity, Hermiston	OR	246	19,729	Depot
Defense Personnel Support Center, Philadelphia	PA	133	86	Procurement/Supplies (DLA)
Letterkenny Army Depot, Chambersburg	PA	5,335	19,511	Depot
New Cumberland Army Depot, Harrisburg	PA	4,436	832	Depot
Scranton Army Ammunition Plant, Scranton	PA	21	15	Production
Tobyhanna Army Depot, Scranton	PA	3,515	1,293	Depot
Defense Depot Memphis, Memphis	TN	11	642	Depot (DLA)
Holston Army Ammunition Plant, Kingsport	TN	41	6,110	Production
Milan Army Ammunition Plant, Jackson	TN	79	22,544	Production
Lone Star Army Ammunition Plant, Texarkana	TX	82	15,546	Production
Longhorn Army Ammunition Plant, Marshall	TX	48	8,493	Production
Red River Army Depot, Texarkana	TX	5,510	19,082	Depot
Camp Stanley Storage Activity, San Antonio	TX	106	4,000	Storage
Saginaw Army Aircraft Plant, Fort Worth	TX	141	155	Production
Defense Depot Ogden, Ogden	UT	5	1,327	Depot (DLA)
Tooele Army Depot, Tooele	UT	4,288	24,728	Depot
Tooele Army Depot South Area	UT	-	19,364	Depot

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (507) (Cont'd)				
Defense General Supply Center, Richmond	VA	35	647	Depot (DLA)
Radford Army Ammunition Plant, Radford	VA	74	4,101	Production

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
TRAINING MEDICAL & OTHER (508)				
Fort McClellan, Anniston	AL	9,257	45,699	Military Police School & Training Center
Fort Rucker, Daleville	AL	9,229	61,450	Aviation Center & School
Presidio of Monterey, Monterey	CA	4,011	393	Defense Language School
Fitzsimons Army Medical Center, Aurora	CO	1,834	577	Hospital
Fort Lesley J. McNair, Washington	DC	1,119	89	National Defense University Headquarters
Walter Reed Army Medical Center, Washington	DC	4,255	113	Hospital
Fort Benning, Columbus	GA	24,928	181,423	The Infantry Center & School
Fort Gordon, Augusta	GA	18,291	55,558	Signal Center & School
Tripler Army Medical Center, Honolulu	HI	5,744	367	Hospital
Fort Sheridan, Highland Park	IL	2,940	720	Recruiting Command HQ
Fort Benjamin Harrison, Indianapolis	IN	3,586	2,501	US Army Institute for Administration
Fort Leavenworth, Leavenworth	KS	5,781	5,937	Command & General Staff College
Fort Knox, Louisville	KY	26,143	110,164	US Army Training Center
Fort Devens, Ayer	MA	8,186	9,416	Portion of the US Army Intelligence School
Fort Leonard Wood, Jefferson City	MO	16,269	68,565	US Army Training Center
Fort Dix, Trenton	NJ	15,346	31,007	US Army Training Center
Fort Hamilton, New York	NY	1,007	177	Admin & Logistical Support
Fort Wadsworth, New York	NY	335	226	Chaplain School

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
TRAINING MEDICAL & OTHER (508) (Cont'd)				
West Point Military Reservation, Newburgh	NY	4,291	15,974	US Military Academy
Stewart Annex, Newburgh	NY	258	506	Training & Housing
Fort Sill, Lawton	OK	24,737	128,583	US Army Field Artillery Center & School
Carlisle Barracks, Carlisle	PA	1,113	403	US Army War College
Fort Jackson, Columbia	SC	20,376	52,599	US Army Training Center
Fort Bliss, El Paso	TX	21,917	130,761	Air Defense Center & School
AAA Ranges (in NM), El Paso	NM	-	992,074	Training
Fort Sam Houston, San Antonio	TX	13,421	3,026	Medical Training Headquarters
Fort Belvoir, Alexandria	VA	10,115	9,237	US Army Engineer Center & School
Cameron Station, Alexandria	VA	962	168	Logistical Support Headquarters
Fort Eustis, Newport News	VA	10,407	8,229	Transportation Center & School
Fort Lee, Petersburg	VA	10,996	5,645	US Army Quartermaster Center & School
Fort Monroe, Hampton	VA	2,944	1,069	TRADOC Headquarters
Fort Story, Virginia Beach	VA	618	1,451	Training
Fort Myer, Arlington	VA	2,792	364	Admin & Logistical Support

ARMY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (507)				
Burtonwood Army Depot, Warrington	United Kingdom	38	672	Depot, Technical Site
Baumholder Nahbollenbach Army Depot, Idar Oberstein	Germany		97	Depot
Darmstadt Muenster Ammo Depot, Muenster	Germany		689	Depot
Giessen Giessen General Depot, Giessen	Germany		522	Depot
Heilbronn Siegelsbach Ammo Facility, Siegelsbach	Germany		426	Depot
Kaiserslautern Daenner Kaserne, Kaiserslautern	Germany		20	Headquarters, Kaiserslautern Army Depot

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (507) (Cont'd)				
Kaiserslautern (Cont'd)				
Kaiserslautern Army Depot, Kaiserslautern	Germany		645	Depot
Karslruhe				
Germersheim Army Depot, Germersheim	Germany		448	Depot
Pirmasens				
Dahn Ammo Depot, Dahn	Germany		978	Depot
Fischbach Ordnance Depot, Pirmasens	Germany		1,670	Depot
Pirmasens Storage Areas, Pirmasens	Germany		57	Depot
Worms				
Kriegsfeld Ammo Depot, Kriegsfeld	Germany		1,181	Depot
Zweibruecken				
Miesau Ammo Depot, Miesau	Germany		2,574	Depot
Camp Ames, Taegon	Korea	580	871	Depot
Hialeah Compound, Pusan	Korea	269	140	Port - Storage

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
TRAINING MEDICAL & OTHER (508)				
Bad Kreuznach				
Bad Kreuznach Hospital, Bad Kreuznach	Germany		20	Hospital
Baumholder				
Baumholder Hospital, Baumholder	Germany		13	Hospital
Neubruecke Hospital, Hoppstaedten	Germany		131	Hospital
Berlin				
Steglitz Hospital, Berlin	Germany		21	Hospital
Bremerhaven				
Bremerhaven Hospital, Bremerhaven	Germany		9	Hospital
Frankfurt				
Frankfurt Hospital, Frankfurt	Germany		25	Hospital
Heidelberg				
Heidelberg Hospital, Heidelberg	Germany		23	Hospital

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
TRAINING MEDICAL & OTHERS (508) (Cont'd)				
Kaiserslautern				
Landstuhl Hospital, Landstuhl	Germany		169	Hospital
Nuernberg				
Nuernberg Hospital, Nuernberg	Germany		28	Hospital
Pirmasens				
Muenchweiler Hospital, Muenchweiler	Germany		13	Hospital
Stuttgart				
Bad Cannstatt, Bad Cannstatt	Germany		29	Hospital

ARMY BASE STRUCTURE

INACTIVE INSTALLATIONS 1/
(ALL CATEGORIES)

FIFTY STATES

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
AIRLIFT/SEALIFT (204)				
Military Ocean Terminal, 2/ Kings Bay, Kingsland	GA	18	14,756	Harbor & Port
CENTRAL SUPPLY AND MAINTENANCE (507)				
Phosphate Development Works, Muscle Shoals	AL	0	67	Production
Joilet Army Ammunition Plant, Joliet	IL	20	14,385	Production
Newport Army Ammunition Plant, Terre Haute	IN	7	8,322	Production
Sunflower Army Ammunition Plant, Lawrence	KS	8	9,544	Production
Twin Cities Army Plant, New Brighton	MN	6	2,389	Production
Gateway Army Ammunition Plant, St. Louis	MO	1	15	Production

1/ Excludes inactive installations which have been reported as excess.

2/ To be transferred to Navy.

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY AND MAINTENANCE (507) (Cont'd)				
St. Louis Army Ammunition Plant, St. Louis	MO	1	21	Production
Cornhusker Army Ammunition Plant, Grand Island	NB	4	11,963	Production
Lima Army Modification 3/ Center, Lima	OH	165	297	Modification of Combat Vehicles
Ravenna Army Ammunition Plant, Ravenna	OH	5	21,419	Production
Hays Army Ammunition Plant, Pittsburgh	PA	1	8	Production
Volunteer Army Ammunition Plant, Chattanooga	TN	14	7,285	Production
Badger Army Ammunition Plant, Baraboo	WI	8	7,441	Production
TRAINING MEDICAL AND OTHER (508)				
* Branch US Disciplinary Barracks Lompoc, Santa Maria	CA	0	3,206	Military Prison (under permit to Federal Bureau of Prisons)

3/ To be reactivated during FY 79 or 80 for XM1 Tank Production.

* Indicates installation retained primarily for mobilization.

SECTION VI

Part 2 Army

Base Structure Listing by IDPPC Category
in Descending Order of Number of Personnel

ARMY BASE STRUCTURE

STRATEGIC FORCES

FIFTY STATES

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
INTELLIGENCE & COMMUNICATIONS (103)				
Fort Ritchie, Waynesboro, PA	MD	1,986	638	Communications

NOTE: It should be noted that all personnel strengths shown throughout this section represent total Army personnel (military and appropriated fund civilians) at the installation rather than the strength of the major unit/activity indicated under column 5.

ARMY BASE STRUCTURE

GENERAL PURPOSE FORCES

FIFTY STATES

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
Fort Hood, Killeen	TX	51,994	217,214	1st Cavalry Division 2d Armored Division
Fort Bragg, Fayetteville	NC	43,188	130,696	82d Airborne Division
Fort Lewis, Tacoma	WA	27,144	86,759	9th Infantry Division
Fort Campbell, Clarksville	KY/TN	24,129	111,150	101st Airborne Division
Fort Carson, Colorado Springs	CO	23,516	137,789	4th Infantry Division (Mech)
Fort Riley, Junction City	KS	20,555	100,990	1st Infantry Division (Mech) (Minus)
Fort Ord, Seaside	CA	20,096	28,014	7th Infantry Division (Minus)
Fort Polk, Leesville	LA	14,634	197,899	5th Infantry Division (Mech) (Minus)
Fort Stewart, Savannah	GA	12,845	279,272	24th Infantry Division (Mech) (Minus)
Schofield Barracks, Honolulu	HI	11,685	14,112	25th Infantry Division (Minus)
Fort Richardson, Anchorage	AK	7,606	70,173	172d Infantry Brigade
Fort Wainwright, Fairbanks	AK	2,983	656,063	172d Infantry Brigade
AIRLIFT/SEALIFT (204)				
Military Ocean Terminal Bayonne, Bayonne	NJ	1,139	679	Harbor & Port
Oakland Army Base, Oakland	CA	990	562	Harbor & Port

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
AIRLIFT/SEALIFT (204) (Cont'd)				
Military Ocean Terminal Sunny Point, Wilmington	NC	291	16,324	Harbor & Port
GUARD AND RESERVE (205)				
*Fort McCoy, Sparta	WI	962	59,779	Reserve Components & Active Army Training
*Fort Indiantown Gap, Lebanon	PA	934	17,864	Reserve Components & Active Army Training
*Fort Drum, Watertown	NY	910	107,265	Reserve Components & Active Army Training
*Fort A. P. Hill, Fredericksburg	VA	879	77,139	Reserve Components & Active Army Training
*Fort Pickett, Petersburg	VA	289	45,198	Reserve Components & Active Army Training
*Fort Chaffee, Fort Smith	AR	185	71,968	Reserve Components & Active Army Training
*Camp Roberts, San Luis Obispo	CA	63	42,361	Reserve Components & Active Army Training
*Fort Irwin, Barstow	CA	0	642,805	Reserve Components & Active Army Training

*Indicates installation being retained primarily for mobilization.

ARMY BASE STRUCTURE

GENERAL PURPOSE FORCES

US TERRITORIES AND POSSESSIONS

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
Panama Canal Military Reservation (PCMR), Balboa	CZ	9,346	37,090	193d Infantry Brigade
Quarry Heights Military Reservation, Balboa	CZ	-*	146	Joint Headquarters
GUARD & RESERVE (205)				
Fort Buchanan, San Juan	PR	178	1,106	Reserve Component Training
Camp Santiago, Salinas	PR	-	11,431	Army National Guard Training

*Included in PCMR.

ARMY BASE STRUCTURE

GENERAL PURPOSE FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
Camp Zama, Sagamihara	Japan	818	584	IX Corps Headquarters, US Army Garrison, Honshu
Camp Casey, Tongduchon	Korea	6,312	4,755	Headquarters and Admin
Camp Humprhey, Pyong Taek	Korea	2,495	1,351	Combat and Combat Service Support
Camp Hovey, Tongduchon-Ni	Korea	2,424	3,928	Infantry Brigade
Camp Stanley, Uijong-Bu	Korea	1,420	398	Field Artillery Battalion
Camp Red Cloud, Uijong-Bu	Korea	1,259	526	Combat Service Support
Camp Howze, Kumchon-Ni	Korea	863	157	Infantry Battalion
Camp Henry, Taegu	Korea	692	68	Headquarters, 19th Support Brigade
Camp Greaves, Changdan-Gun	Korea	663	59	Combat Support
Camp Essayons, Uijong-Bu	Korea	565	57	Field Artillery Battalion
Camp Pelham, Kumowon-Ni	Korea	528	71	Air Defense Battalion (-)
Camp Carroll, Waegwan	Korea	470	643	Combat Service Support
Camp Page, Chun Chon	Korea	423	497	Signal Company Combat Support Unit
Kimpo Area, Seoul	Korea	418	124	Air Defense Battalion (-)
Camp Moiser, Uijong-Bu	Korea	389	26	Air Defense Battalion (-)

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Niblo Barracks, Seoul	Korea	280	22	Combat Service Support
Camp Mercer, Puchon	Korea	252	107	Engineer Battalion
Joint Security Area, Panmunjon	Korea	152	384	Security

ARMY BASE STRUCTURE

AUXILIARY FORCES

FIFTY STATES

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
INTELLIGENCE & COMMUNICATIONS (303)				
Fort Huachuca, Sierra Vista	AZ	9,790	73,613	Communications Command Intelligence School
Arlington Hall Station, Arlington	VA	1,357	87	Headquarters and Admin
Vint Hill Farm Station, Warrenton	VA	873	721	Communications and Intelligence Activities
Defense Mapping Agency, Washington	DC	154	40	Mapping and Charting
RESEARCH & DEVELOPMENT (306)				
Aberdeen Proving Ground, Baltimore	MD	12,082	71,217	Research & Development Test Center, Ordnance School
Redstone Arsenal, Huntsville	AL	11,999	36,818	Rocket & Guided Missile Research & Development
Fort Monmouth, Red Bank	NJ	9,162	1,408	Research & Development, Headquarters
Picatinny Arsenal, Dover	NJ	5,380	6,491	Research & Development
White Sands Missile Range, Las Cruas	NM	5,237	1,755,883	Research & Development Test Center National Test Range

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
RESEARCH & DEVELOPMENT (306) (Cont'd)				
Watervliet Arsenal, Watervliet	NY	2,660	140	Research & Development, Production
Fort Detrick, Frederick	MD	1,692	1,220	Research & Development
Natick Research & Development Center, Natick	MA	1,384	78	Research & Development
Harry Diamond Laboratories, Silver Spring	MD	1,260	137	Research & Development
Yuma Proving Ground, Yuma	AZ	1,200	1,043,389	Research & Development Test Center
Dugway Proving Ground, Salt Lake City	UT	956	840,910	Research & Development Test Center
Fort Greely, Fairbanks	AK	634	639,078	Research & Development Test Center Artic Training
Army Material & Mechanics Research Center, Watertown	MA	625	48	Research & Development
Jefferson Proving Ground, Madison	IN	420	55,270	Research & Development Test Center
Cold Regions Research Laboratory, Hanover	NH	283	20	Research & Development
Woodbridge Research Facility, Woodbridge	VA	104	579	Research & Development

ARMY BASE STRUCTURE

AUXILIARY FORCES

US TERRITORIES AND POSSESSIONS

Installation/City	Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
RESEARCH & DEVELOPMENT (306)				
Kwajalein Missile Range, Honolulu	MI	14	3,568	National Test Range

ARMY BASE STRUCTURE

AUXILIARY FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
INTELLIGENCE & COMMUNICATIONS (303)				
Torii Station, Koza	Japan (Okinawa)	760	467	Intelligence

ARMY BASE STRUCTURE

MISSION SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (402)				
Fort George G. Meade, Baltimore	MD	10,051	13,561	Headquarters & Admin
Presidio of San Francisco, San Francisco	CA	6,706	1,744	Headquarters & Admin Letterman Army Medical Center
Fort McPherson, Atlanta	GA	5,430	505	FORSCOM Headquarters
Fort Shafter, Honolulu	HI	4,656	1,340	Headquarters & Admin

ARMY BASE STRUCTURE

MISSION SUPPORT FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (402)				
Chievres Air Base, Mons	Belgium	31	989	NATO SHAPE Support Group
Camp Ederle, Vicenza	Italy	2,463	149	Headquarters, SETAF
Camp Darby, Pisa	Italy	1,435	159	8th Support Group (SETAF)
Yongsan, Seoul	Korea	1,931	743	Headquarters, Eighth US Army Combat Service Support

ARMY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

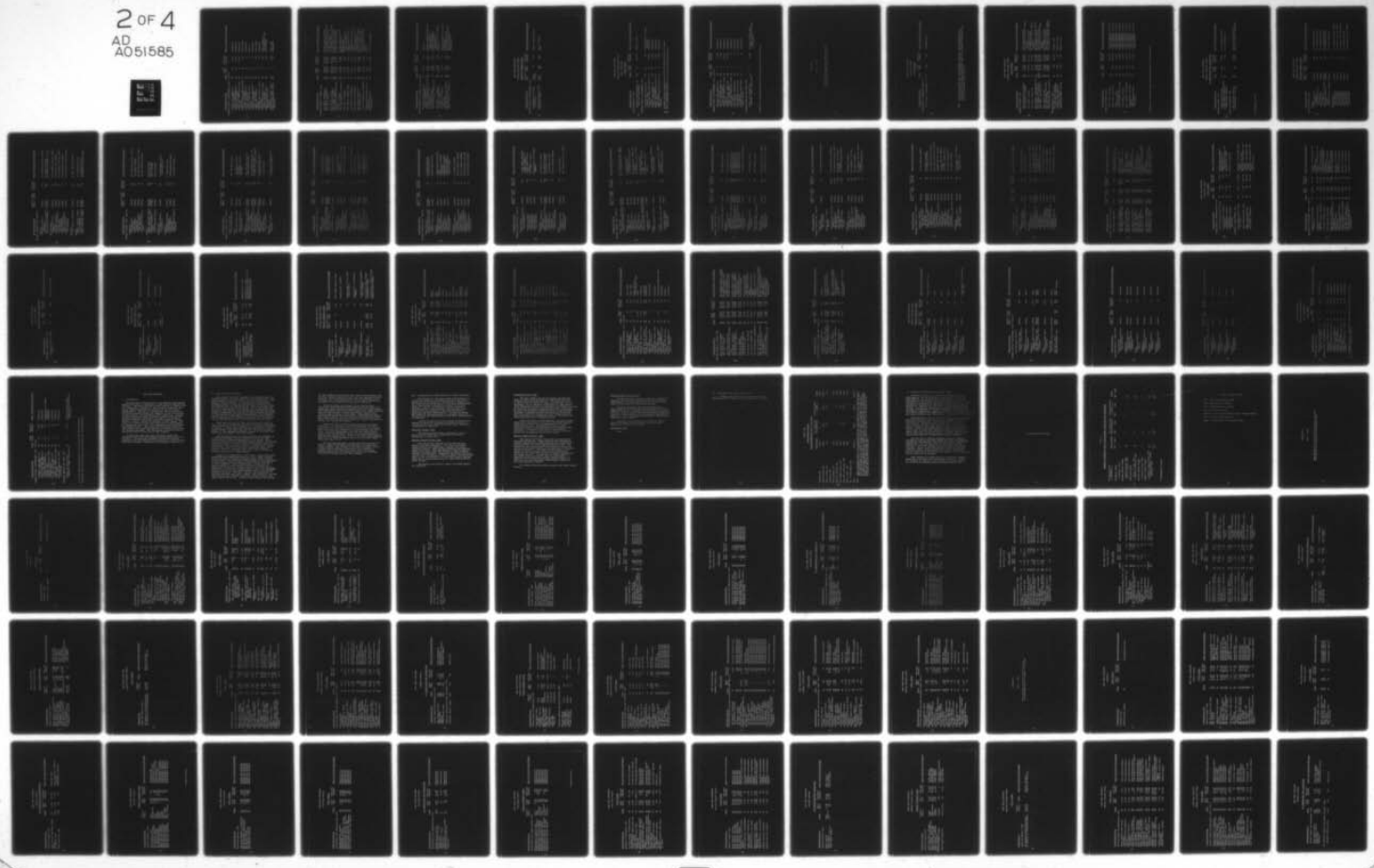
Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (507)				
Rock Island Arsenal, Rock Island	IL	7,105	907	Production
Red River Army Depot, Texarkana	TX	5,510	19,082	Depot
Letterkenny Army Depot, Chambersburg	PA	5,335	19,511	Depot
Anniston Army Depot, Anniston	AL	5,054	15,246	Depot
Detroit Arsenal, Detroit	MI	4,623	272	Production
New Cumberland Army Depot, Harrisburg	PA	4,436	832	Depot
Tooele Army Depot, Tooele	UT	4,288	24,728	Depot
Tobyhanna Army Depot, Scranton	PA	3,515	1,293	Depot
Sacramento Army Depot, Sacramento	CA	2,460	485	Depot
Sharpe Army Depot, Stockton	CA	1,523	724	Depot
Lexington Blue Grass Depot Activity, Lexington	KY	1,271	780	
Seneca Army Depot, Rochester	NY	1,078	10,661	Depot
Michigan Army Missile Plant, Detroit	MI	1,047	304	Production
Pine Bluff Arsenal, Pine Bluff	AR	1,033	14,454	Production
Pueblo Depot Activity, Pueblo	CO	899	24,201	Depot

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (507) (Cont'd)				
Sierra Army Depot, Herlong	CA	813	97,571	Depot
Savanna Depot Activity, Savanna	IL	489	13,063	Depot
Rocky Mountain Arsenal, Denver	CO	423	17,236	Production
Umatilla Depot Activity, Hermiston	OR	246	19,729	Depot
Saginaw Army Aircraft Activity, Fort Worth	TX	141	155	Production
Defense Personnel Support Center, Philadelphia	PA	133	86	Procurement/Supplies (DLA)
Navajo Depot Activity, Flagstaff	AZ	115	28,428	Storage
Lake City Army Ammunition Plant, Independence	MO	105	3,909	Production
Fort Wingate Depot Activity, Gallop	NM	94	22,120	Storage
Lone Star Army Ammunition Texarkana	TX	82	15,546	Production
Milan Army Ammunition Plant, Jackson	TN	79	22,544	Production
Radford Army Ammunition Plant, Radford	VA	74	4,101	Production
Indiana Army Ammunition Plant, Charleston	IN	73	12,206	Production
Iowa Army Ammunition Plant, Burlington	IA	62	19,146	Production
Longhorn Army Ammunition Plant, Marshall	TX	48	8,493	Production

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Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (507) (Cont'd)				
Holston Army Ammunition Plant, Kingsport	TN	41	6,110	Production
Louisiana Army Ammunition Plant, Shreveport	LA	40	14,974	Production
Kansas Army Ammunition Plant, Parsons	KS	36	13,838	Production
Defense General Supply Center, Center, Richmond	VA	35	647	Depot (DLA)
Scranton Army Ammunition Plant, Scranton	PA	21	15	Production
Pontiac Storage Facility, Pontiac	MI	12	31	Stora e
Riverbank Army Ammunition Plant, Riverbank	CA	12	25	Production
Defense Depot Memphis, Memphis	TN	11	642	Depot (DLA)
Stratford Army Engine Plant, Stratford	CT	9	115	Production
Defense Construction Supply Center, Columbus	OH	8	566	Supply Storage & Distribution (DLA)
Defense Industrial Plant Equipment Facility, Atchison	KS	5	125	Tool Storage
Defense Depot Ogden, Ogden	UT	5	1,327	Depot (DLA)
Tarheel Army Missile Plant, Burlington	NC	1	44	Production

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
TRAINING MEDICAL & OTHER (508)				
Fort Knox, Louisville	KY	26,143	110,164	US Army Training Center
Fort Benning, Columbus	GA	24,928	181,423	The Infantry Center & School
Fort Sill, Lawton	OK	24,738	128,583	US Army Field Artillery Center & School
Fort Bliss, El Paso	TX	21,917	130,761	Air Defense Center & School
Fort Jackson, Columbia	SC	20,376	52,599	US Army Training Center
Fort Gordon, Augusta	GA	18,291	55,558	Signal Center & School
Fort Leonard Wood, Jefferson City	MO	16,269	68,565	US Army Training Center
Fort Dix, Trenton	NJ	15,346	31,007	US Army Training Center
Fort Sam Houston, San Antonio	TX	13,421	3,026	Medical Training Headquarters
Fort Lee, Petersburg	VA	10,996	5,645	US Army Quartermaster Center & School
Fort Eustis, Newport NEWS	VA	10,407	8,229	Transportation Center & School
Fort Belvoir, Alexandria	VA	10,115	9,237	US Army Engineer Center & School
Fort McClellan, Anniston	AL	9,257	45,699	Military Police School & Training Center
Fort Rucker, Daleville	AL	9,229	61,450	Aviation Center & School
Fort Devens, Ayer	MA	8,186	9,416	Portion of the US Army Intelligence School
Fort Leavenworth, Leavenworth	KS	5,781	5,937	Command & General Staff College
Tripler Army Medical Center Honolulu	HI	5,744	367	Hospital
West Point Military Reservation	NY	4,291	15,974	US Military Academy

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
TRAINING MEDICAL & OTHER (508) (Cont'd)				
Walter Reed Army Medical Center, Washington	DC	4,255	113	Hospital
Presidio of Monterey, Monterey	CA	4,011	393	Defense Language Institute
Fort Benjamin Harrison, Indianapolis	IN	3,586	2,501	US Army Institute of Administration
Fort Monroe, Hampton	VA	2,944	1,069	TRADOC Headquarters
Fort Sheridan, Highland Park	IL	2,940	720	Recruiting Command Headquarters
Fort Myer, Arlington	VA	2,792	364	Admin & Logistical Support
Fitzsimons Army Medical Center, Aurora	CO	1,834	577	Hospital
Fort Leslie J. McNair, Washington	DC	1,119	89	National Defense University Headquarters
Carlisle Barracks, Carlisle	PA	1,113	403	US Army War College
Fort Hamilton, New York	NY	1,007	117	Admin & Logistical Support
Cameron Station, Alexandria	VA	962	168	Logistical Support Headquarters

ARMY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (507)				
Burtonwood Army Depot, Warrington	United Kingdom	38	672	Depot, Technical Site
Hialeah Compound, Pusan	Korea	269	140	Port - Storage
Camp Ames, Taegon	Korea	580	871	Depot

ARMY BASE STRUCTURE

INACTIVE INSTALLATIONS 1/

(ALL CATEGORIES)

FIFTY STATES

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
AIRLIFT/SEALIFT (204)				
Military Ocean Terminal, 2/ Kings Bay, Kingsland	GA	18	14,756	Harbor & Port
CENTRAL SUPPLY & MAINTENANCE (507)				
Lima Army Modification 3/ Center, Lima	OH	165	297	Modification of Combat Vehicles
Joliet Army Ammunition Plant, Joliet	IL	20	14,385	Production
Volunteer Army Ammunition Plant, Chattanooga	TN	14	7,285	Production
Newport Army Ammunition Plant, Terre Haute	IN	8	9,544	Production
Badger Army Ammunition Plant, Baraboo	WI	8	7,441	Production

1/ Excludes inactive installations which have been reported as excess.
2/ To be transferred to Navy.
3/ To be reactivated during FY 79 or 80 for XM1 Tank production.

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (507) (Cont'd)				
Sunflower Army Ammunition Plant, Lawrence	KS	8	9,544	Production
Twin Cities Army Ammunition Plant, New Brighton	MN	6	2,389	Production
Ravenna Army Ammunition Plant, Ravenna	OH	5	21,419	Production
Cornhusker Army Ammunition Plant, Grand Island	NB	4	11,963	Production
Gateway Army Ammunition Plant, St. Louis	MO	1	15	Production
St. Louis Army Ammunition St. Louis	MO	1	21	Production
Hays Army Ammunition Plant, Pittsburgh	PA	1	8	Production
Phosphate Development Works, Muscle Shoals	AL	0	67	Production
TRAINING MEDICAL AND OTHER (508)				
*Branch US Disciplinary Barracks, Lompoc, Santa Maria	CA	0	3,206	Military Prison (under permit to Federal Bureau of Prisons)

*Indicates installation being retained primarily for mobilization.

SECTION VI

Part 3 Army

Base Structure Listing by IDPPC Category
in Descending Order by Total Land Area

ARMY BASE STRUCTURE

STRATEGIC FORCES

FIFTY STATES

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
INTELLIGENCE & COMMUNICATIONS (103)				
Fort Ritchie, Waynesboro, PA	MD	1,986	638	Communications

NOTE: It should be noted that all personnel strengths shown throughout this section represent total Army personnel (military and appropriated fund civilians) at the installation rather than the strength of the major unit/activity indicated under column 5.

ARMY BASE STRUCTURE

GENERAL PURPOSE FORCES

FIFTY STATES

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
Fort Wainright, Fairbanks	AK	2,983	656,063	172d Infantry Brigade
Fort Stewart, Savannah	GA	12,845	279,272	24th Infantry Division (Mech) (Minus)
Fort Hood, Killeen	TX	51,994	217,214	1st Cavalry Division 2d Armored Division
Fort Polk, Leesville,	LA	14,634	197,899	5th Infantry Division (Mech) (Minus)
Fort Carson, Colorado Springs	CO	23,516	137,798	4th Infantry Division (Mech)
Fort Bragg, Fayetteville	NC	43,188	130,696	82d Airborne Division
Fort Campbell, Clarksville	TN/KY	24,129	111,150	101st Airborne Division
Fort Riley, Junction City	KS	20,555	100,990	1st Infantry Division (Mech) (Minus)
Fort Lewis, Tacoma	WA	27,144	86,759	9th Infantry Division
Fort Richardson, Anchorage	AK	7,606	70,173	172d Infantry Brigade
Fort Ord, Seaside	CA	20,096	28,014	7th Infantry Division (Minus)
Schofield Barracks, Honolulu	HI	11,685	14,112	25th Infantry Division (Minus)
AIRLIFT/SEALIFT (204)				
Military Ocean Terminal, Sunny Point, Wilmington	NC	291	16,324	Harbor & Port
Military Ocean Terminal, Bayonne, Bayonne	NJ	1,139	679	Harbor & Port
Oakland Army Base, Oakland	CA	992	562	Harbor & Port

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GUARD AND RESERVE (205)				
*Fort Irwin, Barstow	CA	-	642,805	Reserve Component & Active Army Training
*Fort Drum, Watertown	NY	910	107,265	Reserve Component & Active Army Training
*Fort A. P. Hill, Fredericksburg	VA	879	77,139	Reserve Component & Active Army Training
*Fort Chaffee, Fort Smith	AR	185	71,968	Reserve Component & Active Army Training
*Fort McCoy, Sparta	WI	962	59,779	Reserve Component & Active Army Training
*Fort Pickett, Petersburg	VA	289	45,198	Reserve Component & Active Army Training
*Camp Roberts, San Luis Obispo	CA	63	42,361	Reserve Component & Active Army Training
*Fort Indiantown Gap, Harrisburg	PA	934	17,864	Reserve Component & Active Army Training

*Indicates installation being retained primarily for mobilization.

ARMY BASE STRUCTURE

GENERAL PURPOSE FORCES

US TERRITORIES AND POSSESSIONS

Installation/City	Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
Panama Canal Military Reservation (PCMR), Balboa	CZ	9,346	37,090	193d Infantry Brigade
Quarry Heights Military Reservation, Balboa	CZ	-*	146	Joint Headquarters
GUARD AND RESERVE (205)				
Camp Santiago, Salinas	PR	-	11,431	Army National Guard Trng
Fort Buchanan, San Juan	PR	178	1,106	Support of Reserve Components

*Included with PCMR.

ARMY BASE STRUCTURE

GENERAL PURPOSE FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
Ansbach				
Storck Barracks, Illesheim	Germany		440	1st Armored Division
Katterbach Kaserne, Katterbach	Germany		395	1st Armored Division
McKee Barracks, Crailsheim	Germany		192	1st Armored Division
Barton Barracks, Ansbach	Germany		35	1st Armored Division
Hindenburg Kaserne, Ansbach	Germany		30	1st Armored Division
Bleidorn Kaserne, Ansbach	Germany		16	VII Corps Artillery
Aschaffenburg				
Graves Barracks, Aschaffenburg	Germany		47	3d Infantry Division (Mech)
Fiori Barracks, Aschaffenburg	Germany		37	3d Infantry Division (Mech)
Ready Barracks, Aschaffenburg	Germany		28	3d Infantry Division (Mech)
Jaeger Barracks, Aschaffenburg	Germany		17	7th Engineer Brigade
Smith Barracks, Aschaffenburg	Germany		15	3d Infantry Division (Mech)

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Augsburg				
Sheridan Kaserne, Augsburg	Germany		172	3d Infantry Division (Mech)
Reese Barracks, Augsburg	Germany		104	VII Corps Artillery
Flak Kaserne, Augsburg	Germany		72	USA Medical Command, Europe
Bad Kreuznach				
Anderson Barracks, Dexheim	Germany		116	8th Infantry Division (Mech)
Dichtelbach Missile Station, Dichtelbach	Germany		62	32d Air Defense Command
Rose Barracks, Bad Kreuznach	Germany		45	8th Infantry Division (Mech)
Wuescheim Missile Station, Hasselbach	Germany		39	32d Air Defense Command
Minick Kaserne, Bad Kreuznach	Germany		9	8th Infantry Division (Mech)
Bad Tolz				
Flint Kaserne, Bad Tolz	Germany		137	US Army Special Forces
Bamberg				
Bamberg Storage & Range Area, Bamberg	Germany		431	1st Armored Division
Warner Barracks, Bamberg	Germany		215	1st Armored Division
Harris Barracks, Coburg	Germany		8	2d Armored Cavalry Regiment

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Baumholder				
Smith Barracks, Baumholder	Germany		889	8th Infantry Division (Mech)
Wetzel Kaserne, Baumholder	Germany		207	3d Support Command
Strassburg Kaserne, Idar Oberstein	Germany		41	8th Infantry Division (Mech)
Hisel Missile Station, Hisel	Germany		40	32d Air Defense Command
Berlin				
Andrews Barracks, Berlin	Germany		109	Berlin Brigade
McNair Barracks, Berlin	Germany		69	Berlin Bri ade
Roosevelt Barracks, Berlin	Germany		15	Berlin Brigade
Turner Barracks, Berlin	Germany		7	Berlin Brigade
Bremerhaven				
Carl Schurz Kaserne, Bremerhaven	Germany		481	US Army Support Group, Nordeutschland
Darmstadt				
Babenhousen Kaserne, Babenhousen	Germany		365	V Corps Artillery
Kelley Barracks, Darmstadt	Germany		117	130th Engineer Brigade
Cambrai Fritsch Kaserne, Darmstadt	Germany		64	7th Signal Brigade

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Darmstadt (Cont'd)				
Ernst Ludwig Kaserne,	Germany		55	24th Engineer Group
Fulda				
Downs Barracks, Fulda	Germany		117	11th Armored Cavalry Regiment
McPheeters Barracks, Bad Hersfeld	Germany		46	11th Armored Cavalry Regiment
Frankfurt				
Camp Eschborn, Frankfurt	Germany		151	130th Engineer Briga de
Frankfurt Headquarters Area, Frankfurt	Germany		84	V Corps Headquarters
Camp King, Oberursel	Germany		39	4th Transportation Brigade
Drake Barracks, Frankfurt	Germany		35	3d Armored Division
Michael Barracks, Frankfurt-Hoechst	Germany		28	V Corps (3d Support Command)
Gibbs Barracks, Frankfurt	Germany		24	V Corps Military Police
Edwards Barracks, Frankfurt	Germany		23	3d Armored Division
McNair Barracks, Frankfurt-Hoechst	Germany		6	V Corps Signal
Garmisch				
Sheridan Barracks, Garmisch	Germany		26	US Military Armed Forces Recreation Center

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Geissen				
Ayers Kaserne, Kirchgoens	Germany		275	3d Armored Division
Ray Barracks, Friedburg	Germany		187	3d Armored Division
Rivers Barracks, Giessen	Germany		45	V Corps Artillery
Pendleton Barracks, Geissen	Germany		36	3d Support Command
Schloss Kaserne, Butzbach	Germany		33	3d Armored Division
Goeppingen				
Cooke Barracks, Goeppingen	Germany		317	1st Infantry Division/ Forward
Hardt Kaserne, Schwaebisch-Gmuend	Germany		29	56th Field Artillery Brigade
Bismark Kaserne, Schwaebisch-Gmuend	Germany		17	56th Field Artillery Brigade
Hanau				
Fliegerhorst Airfield Kaserne, Hanau	Germany		612	V Corps Artillery & Aviation
Grossauheim Kaserne, Grossauheim	Germany		213	3d Support Command
Pioneer Kaserne, Hanau	Germany		94	130th Engineer Brigade
Coleman Barracks, Gelnhausen	Germany		80	3d Armored Division
Argonner Kaserne, Hanau	Germany		51	3d Armored Division
Hutier Kaserne, Hanau	Germany		43	3d Armored Division
Armstrong Kaserne, Buedingen	Germany		39	3d Armored Division

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Hanau (Cont'd)				
Francois Kaserne, Hanau	Germany		22	3d Armored Division
Hessen-Homburg Kaserne, Hanau	Germany		17	3d Armored Division
Yorkhof Kaserne, Hanau	Germany		3	USAREUR Labor Service
Heidelberg				
Tompkins Barracks, Schwetzingen	Germany		88	USAREUR Map Depot/Bridge Park
Heidelberg Airfield, Heidelberg	Germany		45	Headquarters, USAREUR (Aviation)
Patton Barracks, Heidelberg	Germany		28	Headquarters, USAREUR (Special Troops)
Kilbourne Kaserne, Schwetzingen	Germany		11	US Military Personnel Center, Europe
Heilbronn				
Warton Barracks, Heilbronn	Germany		58	7th Signal Brigade
Dallau Tactical Defense Station, Dallau	Germany		43	32d Air Defense Command
Kleingartach Missile Station, Kleingartach	Germany		31	32d Air Defense Command
Badenerhof Kaserne, Heilbronn	Germany		25	56th Artillery Brig ade
Artillery Kaserne, Neckarsulm	Germany		23	56th Artillery Brigade

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Kaiserslautern				
Rhine Ordnance Barracks, Kaiserslautern	Germany		3,634	US Army Combat Equipment Group, Europe, 21st Support Command
Pulaski Barracks, Einsiedlerhof	Germany		189	US Army Labor Service Agency
Kleber Kaserne, Kaiserslautern	Germany		79	21st Support Command
Panzer Kaserne, Kaiserslautern	Germany		18	Headquarters, 21st Support Command
Karlsruhe				
Gerszewski Barracks, Karlsruhe	Germany		220	24th Engineer Group
Neureut Kaserne, Neureut	Germany		164	7th Engineer Brigade
Smiley Barracks, Karlsruhe	Germany		41	18th Engineer Group
Rhineland Kaserne, Ettlingen	Germany		33	7th Engineer Brigade
Griesheim Missile Station, Darmstadt	Germany		28	32d Air Defense Command
Mainz				
Finthem Airfield, Finthem	Germany		435	V Corps Aviation
McCully Barracks, Wackernheim	Germany		77	8th Infantry Division (Mech)

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Mainz (Cont'd)				
Lee Barracks, Gonsenheim	Germany		74	8th Infantry Division (Mech)
Dragonner Kaserne, Mainz	Germany		5	8th Infantry Division (Mech)
Mannheim				
Coleman Barracks Mannheim	Germany		580	7th Signal Brigade Headquarters
Spinelli Barracks, Mannheim	Germany		200	4th Transportation Brigade
Taylor Barracks, Mannheim	Germany		115	US Army Military Community, Mannheim
Sullivan Barracks, Mannheim	Germany		108	8th Infantry Division (Mech)
Turley Barracks, Mannheim	Germany		33	3d Support Command
Funari Barracks, Mannheim	Germany		26	US Army Combat Equipment Group
Gendarmerie Kaserne, Mannheim	Germany		20	US Army Labor Service Agency
Munich				
McGraw Kaserne, Munich	Germany		37	Army and Air Force Exchange Service, Europe
Neu Ulm				
Wiley Barracks, Neu Ulm	Germany		179	1st Infantry Division (Mech) Forward
Inneringen Tactical Defense Station, Sigmaringen	Germany		48	56th Artillery Brigade

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Neu Ulm (Cont'd)				
Nelson Barracks, Neu Ulm	Germany		38	59th Ordnance Group
Nuernberg				
Ferris Barracks, Erlangen	Germany		316	1st Armored Division
Montieth Barracks, Fuerth	Germany		299	1st Armored Division
Herzo Base,	Germany		296	VII Corps Artillery
Johnson Barracks, Fuerth	Germany		127	1st Armored Division
Darby Kaserne, Fuerth	Germany		99	1st Armored Division
Pinder Barracks, Zirndorf	Germany		61	1st Armored Division
O'Brien Barracks, Schwabach	Germany		54	1st Armored Division
Merrell Barracks, Nuernberg	Germany		43	2d Armored Cavalry Regiment
Pirmasens				
Husterhoehe Kaserne Pirmasens	Germany		741	59th Ordnance Group
Schwaebisch Hall, Dolan Barracks, Hessental	Germany		395	11th Aviation Group
Schweinfurt				
Conn Barracks, Schweinfurt	Germany		500	3d Infantry Division (Mech)
Ledward Barracks, Schweinfurt	Germany		126	3d Infantry Division (Mech)

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Schweinfurt				
Daley Barracks, Bad Kissingen	Germany		87	11th Armored Cavalry Regiment
Seventh Army Training Command				
Hohenfels Training Area, Hohenfels	Germany		40,012	7th Army Training Command
Camp Wildflecken, Wildflecken	Germany		17,562	3d Infantry Division (Mech)
East Camp Grafenwohr, Grafenwohr	Germany		1,898	3d Brigade, 1st Armored Division
South Camp Vilseck, Vilseck	Germany		1,039	7th Army Training Command
Stuttgart				
Nellingen Kaserne, Nellingen	Germany		306	2d Support Command
Echterdinger Airfield, Stuttgart	Germany		196	ASA, USAREUR & 7th Army
Boeblingen Maintenance Plant, Boeblingen	Germany		190	2d Support Command
Panzer Kaserne, Boeblingen	Grmany		88	1st Infantry Division (Mech) Forward
Kelley Barracks, Moebgringen	Germany		72	VII Corps Headquar ers

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Stuttgart (Cont'd)				
Boettingen Tactical Defense Station, Boettingen	Germany		54	32d Air Defense Command
Flak Kaserne, Ludwigsburg	Germany		44	2d Support Command
Ludendorf Kaserne, Kornwestheim	Germany		29	7th Engineer Brigade
Krabbenlock Kaserne, Ludwigsburg	Germany		28	VII Corps Signal Battalion
Wilkin Barracks, Kornwestheim	Germany		27	56th Field Artillery Brigade
Wallace & McGee Barracks, Stuttgart	Germany		23	USAREUR Adjutant General
Coffee Barracks, Ludwigsburg	Germany		22	US Army Medical Command, Europe
Grenadier Kaserne, Zuffenhausen	Germany		21	VII Corps Headquarters
Robinson Barracks, Stuttgart	Germany		19	VII Corps Headquarters
Funker Kaserne, Esslingen	Germany		18	2d Support Command
Wiesbaden				
Wiesbaden Air Base, Wiesbaden	Germany		638	4th Brigade, 8th Infantry Division
Camp Pieri, Wiesbaden	Germany		38	V Corps Artillery

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Worms				
Quirnheim Missile Station, Quirnheim	Germany		311	32d Air Defense Command
Taukkunen Barracks, Worms	Germany		302	5th Signal Command
Wuerzburg				
Harvey Barracks, Kitzingen	Germany		628	3d Infantry Division (Mech)
Larson Barracks,	Germany		571	3d Infantry Division (Mech)
Peden Barracks, Wertheim	Germany		519	VII Corps Artillery
Leighton Barracks, Wuerzburg	Germany		342	3d Infantry Division (Mech) Headquarters
Emery Barracks, Wuerzburg	Germany		52	3d Infantry Division (Mech)
Mainbullau Missile Station, Miltenberg	Germany		33	32d Air Defense Command
Giebelstadt Tactical Station, Wuerzburg	Germany		26	32d Air Defense Command
Hardheim Missile Station, Hardheim	Germany		25	32d Air Defense Command
Hindenburg Barracks, Wuerzburg	Germany		17	3d Infantry Division (Mech)

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (Cont'd)				
Camp Zama, Sagamihara	Japan	818	584	IX Corps Headquarters, US Army Garrison, Honshu
Camp Casey, Tongduchon	Korea	6,312	4,755	Headquarters and Admin
Camp Hovey, Tongduchon-Ni	Korea	2,424	3,928	Infantry Brigade
Camp Humphreys, Pyong Taek	Korea	2,495	1,351	Combat and Combat Service Support
Camp Carroll, Waegwan	Korea	470	643	Combat Service Support
Camp Red Cloud, Uijong-BU	Korea	1,259	526	Combat Service Support
Camp Page, Chun Chon	Korea	423	497	Signal Company Combat Support Unit
Camp Stanley, Uijong-Bu	Korea	1,420	398	Field Artillery Battalion
Joint Security Area,	Korea	152	384	Security
Camp Howze, Kumchon-Ni	Korea	863	157	Infantry Battalion
Kimpo Area, Seoul	Korea	418	124	Air Defense Battalion
Camp Mercer, Puchon	Korea	252	107	Engineer Battalion
Camp Pelham, Kumowon-Ni	Korea	528	71	Air Defense Battalion (Minus)
Camp Henry, Taegu	Korea	692	68	Headquarters, 19th Support Brigade
Camp Greaves, Changdan-Gun	Korea	663	59	Combat Support
Camp Essayons, Uijong-Bu	Korea	565	57	Field Artillery Battalion
Camp Moiser, Uijong-Bu	Korea	389	26	Air Defense Battalion (Minus)
Niblo Barracks, Seoul	Korea	280	22	Combat Service Support

ARMY BASE STRUCTURE

AUXILIARY FORCES

FIFTY STATES

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
INTELLIGENCE & COMMUNICATIONS (303)				
Fort Huachuca, Sierra Vista	AZ	9,790	73,613	Communications Command Intelligence School
Vint Hill Farms Station, Warrenton	VA	873	721	Communications & Intelligence Activities
Arlington Hall Station, Arlington	VA	1,357	87	Headquarters & Admin
Defense Mapping Agency, Washington	DC	154	40	Mapping & Charting
RESEARCH & DEVELOPMENT (306)				
White Sands Missile Range, Las Cruces	NM	5,237	1,755,883	Research & Development Test Center National Test Range
Yuma Proving Ground, Yuma	AZ	1,200	1,043,389	Research & Development Test Center
Dugway Proving Ground, Salt Lake City	UT	956	840,910	Research & Development Test Center
Fort Greely, Fairbanks	AK	634	639,079	Research & Development Test Center Arctic Training

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
RESEARCH & DEVELOPMENT (306) (Cont'd)				
Aberdeen Proving Ground Baltimore	MD	12,082	71,217	Research & Development Test Center Ordnance School
Jefferson Proving Ground, Madison	IN	420	55,270	Research & Development Test Center
Redstone Arsenal, Huntsville	AL	11,999	36,818	Rocket & Guided Missile Research & Development
Picatinny Arsenal, Dover	NJ	5,380	6,491	Research & Development Headquarters
Fort Monmouth, Red Bank	NJ	9,162	1,408	Research & Development Headquarters
Fort Detrick, Frederick	MD	1,692	1,222	Research & Development
Woodbridge Research Facility, Woodbridge	VA	104	579	Research & Development
Watervliet Arsenal, Watervliet	NY	2,660	140	Research & Development Production
Harry Diamond Laboratories, Silver Spring	MD	1,260	137	Research & Development
Natick Research & Development Center, Natick	MA	1,384	78	Research & Development
Army Material & Mechanics Research Center, Watertown	MA	625	48	Research & Development
Cold Regions Research Laboratories	NH	283	20	Research & Development

ARMY BASE STRUCTURE

AUXILIARY FORCES

US TERRITORIES AND POSSESSIONS

Installation/City	Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
RESEARCH & DEVELOPMENT (306)				
Kwajalein Missile Range, Honolulu	MI	14	3,568	National Test Range

ARMY BASE STRUCTURE

AUXILIARY FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
INTELLIGENCE & COMMUNICATIONS (303)				
Augsburg Gablingen Kaserne, Augsburg	Germany		322	USINSCOM Field Station
Munich Bad Aibling Kaserne, Bad Aibling	Germany		322	Intelligence
Torii Station, Koza	Japan (Okinawa)	760	467	Intelligence

ARMY BASE STRUCTURE

MISSION SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (402)				
Fort George G. Meade, Baltimore	MD	10,051	13,561	Headquarters & Admin
Presidio of San Francisco, San Francisco	CA	6,706	1,744	Headquarters & Admin Letterman Army Medical Center
Fort Shafter, Honolulu	HI	4,656	1,340	Headquarters & Admin
Fort McPherson, Atlanta	GA	5,430	505	FORSCOM Headquarters

ARMY BASE STRUCTURE

MISSION SUPPORT FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (402)				
Chievres Air Base, Mons	Belgium	31	989	NATO SHAPE Support Group
Heidelberg Campbell Barracks, Heidelberg	Germany		41	Headquarters, USAREUR
Mannheim Hammond Barracks, Mannheim	Germany		23	Headquarters, Central Army Group (NATO)
Stuttgart Patch Barracks, Vaihingen	Germany		94	Headquarters, US European Command
Zweibruecken, Kreuzberg, Zweibruecken	Germany		119	US Army Material Management Center, Europe
Camp Darby, Pisa	Italy	1,435	159	8th Support Group (SETAF)
Camp Ederle, Vicenza	Italy	2,463	149	Headquarters, SETAF
Yongsan, Seoul	Korea	1,931	743	Headquarters, Eighth US Army Combat Service Support

ARMY BASE STRUCUTRE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (507)				
Sierra Army Depot, Herlong	CA	813	97,571	Depot
Navajo Depot Activity, Flagstaff	AZ	115	28,428	Storage
Tooele Army Depot, Tooele	UT	4,288	24,728	Depot
Pueblo Depot Activity, Pueblo	CO	899	24,201	Depot
Milan Army Ammunition Plant, Jackson	TN	79	22,544	Production
Fort Wingate Depot Activity, Gallup	NM	94	22,120	Storage
Umatilla Depot Activity, Hermiston	OR	246	19,729	Depot
Letterkenny Army Depot, Chambersburg	PA	5,335	19,511	Depot
Iowa Army Ammunition Plant, Burlington	IA	62	19,146	Production
Red River Arm Depot, Texarkana	TX	5,510	19,082	Depot
Rocky Mountain Arsenal, Denver	CO	423	17,236	Production
Lone Star Army Ammunition Plant, Texarkana	TX	82	15,546	Production
Anniston Army Depot, Anniston	AL	5,054	15,246	Depot
Louisiana Army Ammunition Plant, Shreveport	LA	40	14,974	Production

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (507) (Cont'd)				
Pine Bluff Arsenal, Pine Bluff	AR	1,033	14,454	Production
Kansas Army Ammunition Plant, Parsons	KS	36	13,838	Production
Savanna Depot Activity, Savanna	IL	489	13,063	Depot
Indiana Army Ammunition Plant, Charleston	IN	73	12,206	Production
Seneca Army Depot, Rochester	NY	1,078	10,661	Depot
Longhorn Army Ammunition Plant, Marshall	TX	48	8,493	Production
Holston Army Ammunition Plant, Kingsport	TN	41	6,110	Production
Radford Army Ammunition Plant, Radford	VA	74	4,101	Production
Lake City Army Ammunition Plant, Independence	MO	105	3,909	Production
Riverbank Army Ammunition Plant, Riverbank	CA	12	1,515	Production
Defense Depot Ogden, Ogden	UT	5	1,327	Depot (DLA)
Tobyhanna Army Depot, Scranton	PA	3,515	1,293	Depot
Rock Island Arsenal, Rock Island	IL	7,105	907	Production
New Cumberland Army Depot, Harrisburg	PA	4,436	832	Depot
Lexington-Blue Grass Depot Activity, Lexington	KY	1,271	780	Depot
Sharpe Army Depot, Stockton	CA	1,523	724	Depot

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (507) (Cont'd)				
Defense General Supply Center, Richmond	VA	35	647	Depot (DLA)
Defense Depot Memphis, Memphis	TN	11	643	Depot (DLA)
Defense Construction Supply Center, Columbus	OH	8	566	Supply Storage & Distribution (DLA)
Sacramento Army Depot, Sacramento	CA	2,460	485	Depot
Michigan Army Missile Plant, Detroit	MI	1,047	304	Production
Detroit Arsenal, Detroit	MI	4,623	272	Production
Saginaw Army Aircraft Plant, Fort Worth	TX	141	155	Production
Defense Industrial Plant Equipment Facility, Atchison	KS	5	125	Tool Storage
Stratford Army Engine Plant, Stratford	CT	9	115	Production
Defense Personnel Support Center, Philadelphia	PA	133	86	Procurement/Supplies (DLA)
Tarheel Army Missile Plant, Burlington	NC	1	44	Production
Pontiac Storage Facility, Pontiac	MI	12	31	Storage
Scranton Army Ammunition Plant, Scranton	PA	21	15	Production

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
TRAINING MEDICAL & OTHER (508)				
Fort Benning, Columbus	GA	24,928	181,423	The Infantry Center & School
Fort Bliss, El Paso	TX	21,917	130,761	Air Defense Center & School
Fort Sill, Lawton	OK	24,738	128,583	US Army Field Artillery Center & School
Fort Knox, Louisville	KY	26,143	110,164	US Army Training Center
Fort Leonard Wood, Jefferson City	MO	16,269	68,565	US Army Training Center
Fort Rucker, Daleville	AL	9,229	61,450	Aviation Center & School
Fort Gordon, Augusta	GA	18,291	55,558	Signal Center & School
Fort McClellan, Anniston	AL	9,257	45,699	Military Police School & Training Center
Fort Dix, Trenton	NJ	15,346	31,007	US Army Training Center
West Point Military Reservation, Newburgh	NY	4,291	15,974	US Military Academy
Fort Devens, Ayer	MA	8,186	9,416	Portion of the US Army Intelligence School
Fort Belvoir, Alexandria	VA	10,115	9,237	US Army Engineer Center & School
Fort Eustis, Newport News	VA	10,407	8,229	Transportation Center & School
Fort Leavenworth, Leavenworth	KS	5,781	5,937	Command & General Staff College
Fort Lee, Petersburg	VA	10,996	5,645	Quartermaster Center & School
Fort Sam Houston, San Antonio	TX	13,421	3,026	Medical Training Headquarters
Fort Benjamin Harrison Indianapolis	IN	3,586	2,501	US Army Institute for Administration
Fort Monroe, Hampton	VA	2,944	1,069	TRADOC Headquarters
Fort Sheridan, Highland Park	IL	2,940	720	Recruiting Command Headquarters

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
TRAINING MEDICAL & OTHER (508) (Cont'd)				
Fitzsimons Army Medical Center, Aurora	CO	1,834	577	Hospital
Carlisle Barracks, Carlisle	PA	1,113	403	US Army War College
Presidio of Monterey, Monterey	CA	4,011	393	Defense Language School
Tripler Army Medical Center, Honolulu	HI	5,744	367	Hospital
Fort Myer, Arlington	VA	2,792	364	Admin & Logistical Support
Fort Hamilton, New York	NY	1,009	177	Admin & Logistical Support
Cameron Station, Alexandria	VA	962	168	Logistical Support & Headquarters
Walter Reed Army Medical Center, Washington	DC	4,225	113	Hospital
Fort Lesley J. McNair, Washington	DC	1,119	89	National Defense University Headquarters

ARMY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (507)				
Burtonwood Army Depot, Warrington	United Kingdom	38	672	Depot, Technical Site
Baumholder				
Nahbollenbach Army Depot, Idar Oberstein	Germany		97	Depot
Darmstadt				
Muenster Ammo Depot, Muenster	Germany		689	Depot
Giessen				
Giessen General Depot, Giessen	Germany		522	Depot
Heilbronn				
Siegelsbach Ammo Facility, Siegelsbach	Germany		426	Depot
Kaiserslautern				
Daenner Kaserne, Kaiserslautern	Germany		20	Headquarters, Kaiserslautern Army Depot

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (507) (Cont'd)				
Kaiserslautern (Cont'd)				
Kaiserslautern Army Depot, Kaiserslautern	Germany		645	Depot
Karslruhe				
Germersheim Army Depot, Germersheim	Germany		448	Depot
Pirmasens				
Fischbach Ordnance Depot, Pirmasens	Germany		1,670	Depot
Dahn Ammo Depot, Dahn	Germany		978	Depot
Pirmasens Storage Areas, Pirmasens	Germany		57	Depot
Worms				
Kriegsfeld Ammo Depot, Kriegsfeld	Germany		1,181	Depot
Zweibruecken				
Miesau Ammo Depot, Miesau	Germany		2,574	Depot
Camp Ames, Taegon	Korea	580	871	Depot
Hialeah Compound, Pusan	Korea	269	140	Port - Storage

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
TRAINING MEDICAL & OTHER (508)				
Bad Kreuznach				
Bad Kreuznach Hospital, Bad Kreuznach	Germany		20	Hospital
Baumholder				
Neubruecke Hospital, Hoppstaedten	Germany		131	Hospital
Baumholder Hospital, Baumholder	Germany		13	Hospital
Berlin				
Steglitz Hospital, Berlin	Germany		21	Hospital
Bremerhaven				
Bremerhaven Hospital, Bremerhaven	Germany		9	Hospital
Frankfurt				
Frankfurt Hospital, Frankfurt	Germany		25	Hospital
Heidelberg				
Heidelberg Hospital, Heidelberg	Germany		23	Hospital

Installation/City	Country/ Area	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
TRAINING MEDICAL & OTHERS (508) (Cont'd)				
Kaiserslautern				
Landstuhl Hospital, Landstuhl	Germany		169	Hospital
Nuernberg				
Nuernberg Hospital, Nuernberg	Germany		28	Hospital
Pirmasens				
Muenchweiler Hospital, Muenchweiler	Germany		13	Hospital
Stuttgart				
Bad Cannstatt, Bad Cannstatt	Germany		29	Hospital

ARMY BASE STRUCTURE

INACTIVE INSTALLATIONS 1/

(ALL CATEGORIES)

FIFTY STATES

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
AIRLIFT/SEALIFT (204)				
Military Ocean Terminal, 2/ Kings Bay, Kingsland	GA	18	14,756	Harbor & Port
CENTRAL SUPPLY & MAINTENANCE (507)				
Ravenna Army Ammunition Plant, Ravenna	OH	5	21,419	Production
Joliet Army Ammunition Plant, Joliet	IL	20	14,385	Production
Cornhusker Army Ammunition Plant, Grand Island	NB	4	11,963	Production
Sunflower Army Ammunition Plant, Lawrence	KS	8	9,544	Production
Newport Army Ammunition Plant, Terre Haute	IN	7	8,322	Production
Badger Army Ammunition Plant, Baraboo	WI	8	7,441	Production

1/ Excludes inactive installations which have been reported as excess.
2/ To be transferred to Navy.

Installation/City	State	Total Pers.	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (507) (Cont'd)				
Volunteer Army Ammunition Plant, Chattanooga	TN	14	7,285	Production
Twin Cities Army Ammunition Plant, New Brighton	MN	6	2,389	Production
Lima Army Modification 3/ Center, Lima	OH	165	297	Modification of Combat Vehicles
Phosphate Development Works, Muscle Shoals	AL	0	67	Production
St. Louis Army Ammunition Plant, St. Louis	MO	1	21	Production
Gateway Army Ammunition Plant, St. Louis	MO	1	15	Production
Hays Army Ammunition Plant, Pittsburgh	PA	1	8	Production
TRAINING MEDICAL AND OTHER (508)				
*Branch US Disciplinary Barracks, Lompoc, Santa Maria	CA	0	3,206	Military Prison (under permit to Federal Bureau of Prisons)

3/ To be reactivated during FY 79 or 80 for XM1 Tank Production.

*Indicates installation being retained primarily for mobilization.

NAVY BASE STRUCTURE

I. Introduction

The Navy Base Structure Annex to the Manpower Requirements Report for FY 1979 is submitted in compliance with Section 302, PL 94-361. The Annex consists of five sections in addition to the introduction. Section II, Base Structure Overview, discusses factors affecting the structure of the Navy Shore Establishment. Section III relates major Navy activities to the forces supported within the framework of the Installation Defense Planning and Programming (IDPP) categories. Section IV, Base Operations Costs, provides a summary table by major defense programs of those costs included in this category. Section V discusses the Navy's continuing appraisal of base operations costs. Section VI consists of three tables. The first is a listing of major Navy activities by IDPP category by geographical area (U.S., U.S. Possessions and Territories, and Foreign areas). The second table lists activities by IDPP category in descending order by total number of civilian and military personnel. The third table lists activities in descending order of land area by IDPP category.

It should be noted that most activities listed have multiple missions and that primary missions shown are not all inclusive. The personnel assigned to ships and aircraft squadrons which are homeported or assigned at a given activity have been included in personnel data provided in Section VI.

II. Base Structure Overview

The national military strategy of the United States is a forward strategy, driven by geopolitical considerations. The United States is characterized by its insular position on the North American continent. It has only two international borders, neither of which is threatened by a hostile force, and communicates with the rest of the world to the east, west, and south by way of two major oceans. One of the states and all of the territories for which the U.S. is responsible lie overseas. Additionally, the interdependent free-world economy depends increasingly upon the use of ocean shipping and access to the resources of the seas and sea bottoms. This forward strategy of the United States utilizes the oceans as barriers for the defense of the country, as military lines of communication with overseas allies, and as avenues of world trade.

The mission of the U.S. Navy, as set forth in Title 10, U.S. Code, is to be prepared to conduct prompt and sustained combat operations at sea in support of U.S. national interests; in effect, to assure continued maritime superiority for the United States. This means that the U.S. Navy must be able to defeat, in the aggregate, potential threats to continued free use of the high seas by the United States.

The Navy carries out its mission within the framework of a national strategy, in joint coordination with the other Services and in combined planning with U.S. allies. This mission requires not only deployable forces capable of sustained operations at sea, but also a shore establishment capable of providing essential logistics support, including training and maintenance. The Navy bases ashore (operating bases, supply centers, shipyards, aircraft rework facilities, weapons stations, etc.), which support the fleet, must be located to ensure flexibility and responsiveness.

Based on the composition of the fleet, criteria have been established for homeporting specific units. These criteria define the number of bases and support capabilities required on each coast. An operational consideration of great importance is that as many ships as possible be overhauled in proximity to their homeports. This consideration, coupled with the types of ships to be maintained, results in criteria for maintenance facilities. Criteria utilized for fleet aircraft basing are to retain the minimum number of bases for programmed aircraft and to collocate carrier-based tactical and carrier-based ASW aircraft. Similarly, the size and composition of the fleet determine the types, numbers, and location of aircraft rework facilities, ordnance activities, weapons ranges, and other support facilities. Selected fleet training is provided

at fleet operating bases while other specialized education and training complexes support recruit training, specialized skill training, officer acquisition training, undergraduate flight training, etc. Whenever possible, initial skill training is provided in close proximity to acquisition training.

Operating bases are the heart of the Navy's shore facilities, providing deep water harbors with pier space and anchorages, cargo staging and loading areas, ship and aircraft depot maintenance and other support facilities. These operating bases provide aviation, supply, maintenance, medical and training support direct to the fleet. These bases are key distribution centers for both material and maintenance support. While they differ in size, all have the essential quality of being integrated and providing synergistic support to operating forces, i.e., ships and aircraft.

Since 1968, the fleet has experienced some significant reductions: A reduction of the active fleet by 524 ships from 976 to 452, including a loss of 10 carriers to a present strength of 13, and a reduction of 2,609 aircraft from inventory. The Shore Establishment has been realigned through a series of planned management actions to more appropriately support this reduced fleet. These actions have reduced Active Ship Homeport complexes from 10 to 7; aircraft basing complexes from 17 to 14; Naval Shipyards from 10 to 8; and Air Rework Facilities from 7 to 6.

Over the next few years, the mix and type of ships will change. Fleet force levels are expected to increase over today's numbers. The changes in the number of ships, and to a lesser extent aircraft, coupled with the increase in physical size of the ships will impact shore facilities. MILCON projects will be required to satisfy the additional requirements brought about by these changes.

III. Relationship of Base Structure to Force Structure

The function of the Navy's Shore Establishment is to provide effective, economical support to the fleet. Variations in the structure, composition or weaponry of the fleet affect the structure of the Shore Establishment as do technological advances or changes in training doctrine. Changes in deployment policy, political considerations in host countries, and resource availability are also included in the numerous factors affecting the Shore Establishment. In order to assess the impact of these variables, a continuing review of the structure and effectiveness of the Shore Establishment is required.

A brief discussion of the missions by Installation Defense Planning and Programming Category follows. A listing of the major activities within these categories is provided in Section VI.

Strategic Forces (100)

The Submarine Base Bangor, Washington, is in a developmental status and is scheduled to be fully operational in April 1979.

General Purpose Forces (200)

The two primary functions of the Navy are sea control and power projection. The forces fulfilling these functions are submarines, carriers with their assigned aircraft, other surface combatants and maritime patrol air forces. The high degree of logistic support required by these forces is provided by these "General Purpose" installations. Homeporting facilities for ships and aircraft, maintenance, logistic support and specialized training are representative of the fleet support requirements met by these installations or activities which are their tenants.

The Reserve Air Stations support the Ready Reserve Air Squadrons.

Auxiliary Forces (300)

The Navy Command and Control System provides the means to effectively exercise the operational direction of naval forces in peace and war. Its objectives are to ensure that the National Command Authorities, unified commanders, naval component commanders, and subordinate naval commanders are able to discharge their responsibilities by receiving sufficient, accurate and timely information on which to base their decisions and by having available the means to communicate these decisions to the forces involved. Effective control over its forces allows the Navy to operate on a coordinated basis in fulfilling its world-wide operational responsibilities.

Under the Chief of Naval Material, the Navy's RDT&E Community is organized on a center of excellence concept under which each activity is responsible for a given technological area. Technology will have an ever increasing impact on the development of a balanced force structure. The accelerating rate of technological improvements impacts on the nature of the future threat as well as the capabilities of naval forces.

Mission Support Forces (400)

The primary functions of the Navy are sea control and power projection. These functions are performed by surface combatants with associated aircraft, submarines, maritime patrol air forces and amphibious forces. Navy amphibious task forces and Marine amphibious forces are a major, specialized element in the execution of the power projection function. All these forces require a high degree of logistic support ranging from homeporting facilities for ships and aircraft to weapons, maintenance and supply support. A broad range of fleet support requirements are provided by these installations. In addition, these activities provide logistic support to activities of the Naval Shore Establishment located in the same geographic complex.

The Reserve Training Centers support the Ready Reserve Forces.

Central Support Forces (500)

The Navy Medical Department, through a network of regional medical centers and associated hospitals and dispensaries, provides medical care in support of the fleet and to other qualified beneficiaries.

The Naval Education and Training Command is responsible for providing trained personnel to man and support the fleet. Included in this mission are recruit training, officer acquisition training, specialized skill training, flight training and professional development education. Additional data is available in the Military Manpower Training Report.

Logistics activities such as inventory control points and construction battalion centers provide specialized support to the fleet.

Individual (600)

None.

IV. Base Operations Costs For FY 1979

Summary Table VIII of estimated FY 1979 Base Operating Costs as defined in the Introduction follows.

TABLE VIII

MAJOR DEFENSE PROGRAMS

NAVY BASE OPERATIONS COSTS ($ MILLIONS)

	Fifty States	U.S. Territories and Possessions	Foreign Overseas Areas	Total
Strategic (01)	$143.3	$ -	$ -	$143.3
General Purpose (02)	1,400.3	169.1	510.7	2,080.1
Intell. & Comm. (03)	35.4	12.0	33.7	81.1
Air/Sealift (04)	-	-	-	-
Guard & Reserve (05)	183.2	-	-	183.2
Research & Develop. (06)	298.9	-	2.7	301.6
Cent. Supply & Maint. (07)	643.9	2.8	11.4	658.1
Trng. Med. & Other Pers. (08)	666.1	9.0	16.1	691.2
Admin. & Assoc. (09)	158.7	-	-	158.7
Spt. of Other Nations (10)	-	-	-	-
Total	$3,529.8	$192.9	$574.6	$4,297.3

NOTE: Funding identified reflects costs accumulated under the common definition of base operating support (BOS) established for Navy. An endeavor has been made to define BOS in such a way that all overhead functions which do not directly contribute to the mission accomplishment of combat units and tenants on Navy Installations are classed as BOS. Funds shown represent all applicable appropriations including Military Personnel, Navy; Operation and Maintenance, Navy; Operation and Maintenance, Navy Reserve; Family Housing, Navy; Research, Development, Test and Evaluation; Other Procurement, Navy; and Military Construction.

V. Actions to Reduce Base Operations Costs

As noted in Section II, the Navy has made significant reductions in its shore activities as the active fleet has been reduced. At the same time, consolidations of similar functions have been made at major complexes to eliminate duplication of facilities, equipment, and personnel and reduce overhead by concentrating administrative functions in one organization. Examples are the Supply Centers and Public Works Centers. The Navy is continuing to study its base structure in order to seek means of achieving further economies and efficiencies in operation. However, the Navy's major base structure may be close to a minimum level if it is to adequately support new ships currently under construction or planned for the future.

Base operations cost is a function of a number of factors such as physical size of the activity, climatic conditions, geographic location, age of facilities and the mission of the activity. Relatively small activities do not benefit from economies of scale and, therefore, many fixed costs which are largely base operations are often proportionately higher. Climatic conditions affect utility consumption and cost as well as other base operations costs such as snow removal and facilities maintenance. In remote areas a larger than optimal base operations population may be required to offset unavailability of commercial or public services.

The Navy has an ongoing management review of each of its bases to ensure that base operations costs are carefully managed and that unneeded facilities are closed, reduced, or transferred. This review takes the form of an in-depth analysis of each base during the annual budget cycle which includes a review of workload indicators such as personnel supported, supply issues and receipts, units of utilities consumed, backlog of maintenance and value of facilities. Also reviewed are energy conservation goals and cost reduction actions which may be underway.

Added emphasis has been placed on converting in-house commercial industrial type activities to contract. Plans are underway to convert in FY-79 those activities limited by the FY-78 DOD Appropriations and Authorization Acts.

VI NAVY BASE STRUCTURE

TABLE IX

SUMMARY OF NUMBER OF NAVY INSTALLATIONS, ACTIVITIES AND PROPERTIES

Mission Category (IDPPC)	Fifty States		U.S. Territories and Possessions		Foreign Overseas Areas		Total	
	Act	Inac	Act	Inac	Act	Inac	Act	Inac
STRATEGIC FORCES							1	
- Strategic (101)*	1							
GENERAL PURPOSE FORCES								
- General Purpose (202)	46		3		11		60	
- Guard & Reserve (205)	6						6	
AUXILIARY FORCES								
- Intell. & Comm. (303)	8		5		8		21	
- Research & Develop. (306)	23						23	
MISSION SUPPORT FORCES								
- General Purpose (402)	15		3		9		27	
CENTRAL SUPPORT FORCES								
- Central Supply & Maint (507)	35		4		7		46	
- Training, Medical, & Other Personnel (508)	69		1		3		73	
	203		16		38		257	

* Developmental Status

LIST OF ABBREVIATIONS

ALF - Auxiliary Landing Field

ASW - Antisubmarine Warfare

FBM - Fleet Ballistic Missile

NAS - Naval Air Station

NAVCAMS - Naval Communications Area Master Station

OLF - Outlying Landing Field

PWRS - Prepositioned War Reserve Stocks

SECTION VI

Part 1 Navy

Base Structure Listing by IDPP Category, by State;
Territories and Possessions and Foreign Areas

NAVY BASE STRUCTURE

STRATEGIC

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Strategic (101)				
Submarine Base, Bangor	WA			Developmental Status

NAVY BASE STRUCTURE

General Purpose

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
Naval Station, Adak	AK	996	425,766	Patrol Aircraft
Naval Facility Centerville Beach, Ferndale	CA	218	87	Oceanographic Research
NAS, Lemoore	CA	5,122	350,754	Attack Aircraft
Naval Facility Point Sur, Monterey	CA	116	50	Oceanographic Research
Pacific Missile Test Center Pt Mugu	CA	6,055	20,210	RDT&E Air Launched Weapons
San Nicholas IS, Pt Mugu	CA	155	13,370	Range Instrumentation
San Miguel IS, Pt Mugu	CA	-	9,083	Weather Station
Santa Cruz IS, Pt Mugu	CA	-	10	Instrumentation Site
Santa Barbara IS, Pt Mugu	CA	-	4	Weather Station
Laguna Peak, Pt Mugu	CA	-	40	Instumentation Site
Barking Sands, Kauai	HI	89	7,749	Range Facility
NAS Miramar, San Diego	CA	8,007	244,611	Fighter/Attack Aircraft
NAS North Island, San Diego	CA	15,425	21,092	Early Warning/ASW Aircraft
ALF San Clemente	CA	649	36,200	Auxiliary Field
OLF Imperial Beach	CA	-	7,158	Outlying Field
NAS, Alameda	CA	14,073	2,951	Support Aircraft
NAS Moffett Field, San Jose	CA	4,635	10,934	Patrol Aircraft
ALF Crows Landing, Patterson	CA	34	7,416	Auxiliary Field
Submarine Base New London, Groton	CT	12,838	3,770	Submarine Forces Support
Naval Facility, Lewes	DE	125	717	Oceanographic Research
NAS Cecil Field, Jacksonville	FL	7,235	42,037	Attack/ASW Aircraft
OLF White House, Jacksonville	FL	-	3,170	Outlying Field

NAVY BASE STRUCTURE

General Purpose

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (continued)				
NAS, Jacksonville	FL	10,843	26,674	Patrol/ASW Aircraft
Pinecastle Range, Astor	FL	160	5,825	Range
Putnam Target, Bostwick	FL	-	78	Target
Stevens Lake Target, Camp Blanding	FL	-	2,554	Target
NAS, Key West	FL	2,830	33,378	Reconnaissance Aircraft
NAS Barbers Point, Honolulu	HI	4,238	63,408	Patrol Aircraft
ALF Ford IS, Honolulu	HI	-	229	Auxiliary Field
Kahoolawe IS	HI	-	28,777	Target
Kaula Rock	HI	-	108	Target
Submarine Base Pearl Harbor, Honolulu	HI	4,939	103	Submarine Forces Support
NAS, Brunswick	ME	3,332	9,853	Patrol Aircraft
NAS, Fallon	NV	877	71,621	Attack Aircraft
Targets B-16, 17, 19, 21	NV	-	87,275	Targets
Naval Facility Cape Hatteras, Buxton	NC	148	58	Oceanographic Research
Naval Facility Coos Head, Charleston	OR	120	6	Oceanographic Research
NAS, Norfolk	VA	13,281	19,758	ASW/Early Warning Aircraft Air Terminal

NAVY BASE STRUCTURE

GENERAL PURPOSE

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity Purpose
General Purpose (202) (con't)				
NAS Oceana, Virginia Beach	VA	8,529	155,390	Fighter/Attack Aircraft
ALF Fentress, Chesapeake	VA	53	9,765	Auxiliary Field
Tangier IS	VA	-	30	Range
Palmetto PT	NC	-	97	Range
NAS Whidbey IS, Oak Harbor	WA	6,084	239,376	Attack/Electronic Warfare Aircraft
OLF Coupeville, Coupeville	WA	-		Outlying Field
Boardman Range, Boardman	OR	35	174,760	Range
Naval Facility, Pacific Beach	WA	131	86	Oceanographic Research

NAVY BASE STRUCTURE

GENERAL PURPOSE

US TERRITORIES AND POSSESSIONS

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (202)				
NAS Agana	Guam	1,852	6,366	Patrol/Electronic Warfare Aircraft
Naval Facility	Guam	100	333	Oceanographic Research
Naval Station Roosevelt Roads, Ceiba	PR	2,792	221,513	Operating Base

NAVY BASE STRUCTURE

GENERAL PURPOSE

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (202)				
Naval Facility Eleuthera	Bahamas	149	507	Oceanographic Research
Air Station Bermuda	Bermuda	1,100	1,439	Patrol Aircraft
Naval Facility Bermuda	Bermuda	154	50	Oceanographic Research
Naval Facility Argentia	Canada	458	16,668	Oceanographic Research
Air Facility Sigonella	Italy	1,489	401	Patrol/Fleet Aircraft
Air Facility Atsugi	Japan	1,286	5,585	Reconnaissance Aircraft
Air Station Cubi Point	Philippines	2,153	*	Attack/ASW Aircraft
Naval Station Rota	Spain	5,556	7,651	Operating Base
Naval Facility Antigua	West Indies	115	216	Oceanographic Research
Naval Facility Barbados	West Indies	108	52	Oceanographic Research
Naval Facility Grand Turk	Turks & Caicos	105	76	Oceanographic Research

* Tenant Activity

NAVY BASE STRUCTURE

General Purpose

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Guard and Reserve (205)				
NAS Atlanta, Marietta	CA	689	249	Reserve Air Training
NAS Glenview, Glenview	IL	1,484	10,824	Reserve Air Training
NAS New Orleans, New Orleans	LA	1,505	40,472	Reserve Air Training
NAS South Weymouth, S. Weymouth	MA	2,229	2,353	Reserve Air Training
NAS Willow Grove, Willow Grove	PA	1,535	3,564	Reserve Air Training
NAS Dallas, Dallas	TX	1,489	2,302	Reserve Air Training

NAVY BASE STRUCTURE

Auxiliary Forces

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Intelligence and Communications (303)				
Security Group Activity, Adak	AK	547	7,553	Communications
Communications Station, San Diego	CA	704	3,093	Communications
Communications Station, Stockton	CA	707	18,068	Communications
Radio Station, OSO	WA	-	4,904	Communications
Security Group Activity, Homestead	FL	372	866	Communications
NAVCAMS EASTPAC, Wahiawa	HI	1,585	12,826	Communications
Radio Station Cutler, East Machias	ME	204	2,999	Communications
NAVCAMSLANT, Norfolk	VA	1,289	4,904	Communications

NAVY BASE STRUCTURE

AUXILIARY FORCES

US TERRITORIES AND POSSESSIONS

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Intelligence and Communications (303)				
Communications Station, Balboa	CZ	235	3,210	Communications
Security Group Activity, Galeta IS	CZ	51	12,830	Communications
NAVCAMS Western Pacific	GUAM	1,461	15,148	Communications
Communications Station Puerto Rico, Ponce	PR	370	8,034	Communications
Security Group Activity, Sabana Seca	PR	410	10,961	Communications

NAVY BASE STRUCTURE

AUXILIARY FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Intelligence and Communications (303)				
Communication Station, Exmouth	Australia	629	18,159	Communications
Communication Station, Nea Makri	Greece	503	500	Communications
NAVCAMS Mediterranean, Naples	Italy	578	*	Communications
Communication Station, Yokosuka	Japan	712	2,879	Communications
Communication Station, San	Philippines	528	4,233	Communications
Communication Station, Rota	Spain	1,181	159	Communications
Security Group Activity, Edzell	Scotland	625	471	Communications
Communication Station, Thurso	Scotland	184	237	Communications

* Tenant Activity

NAVY BASE STRUCTURE

Auxiliary Forces

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Research & Development (306)				
National Parachute Test Range, El Centro	CA	543	7,133	Parachute Test Range
Weapons Center China Lake, Ridgecrest	CA	4,511	2,884,721	Air Warfare/Missile Systems
Ocean System Center, San Diego	CA	3,427	6,310	Ocean Technology
Arizona Facility, Maricopa	AZ	-	1,119	Test Facility
Cape Prince of Wales	AK	2	689	Support Site
Research Laboratory, Washington	DC	3,691	1,947	Physical Sciences
Coastal Systems Laboratory, Panama City	FL	1,064	1,560	Coastal Region Warfare
Ship Research and Development Center, Bethesa	MD	1,679	649	Ship Technology
SRDC Laboratory, Annapolis	MD	1,030	67	Ship Technology
Air Test Center Patuxent River, Lexington Park	MD	5,486	121,135	T&E Aircraft Systems
Chesapeake Tracking Site, Lexington Park	MD	-	234	Tracking Site
Webster Field, St. Inigoes	MD	193	968	Test Site

NAVY BASE STRUCTURE

Auxiliary Forces

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Research and Development (306) (con't)				
Surface Weapons Center White Oak, Silver Spring	MD	5,059	5,531	Surface Warfare Systems
Dahlgren Laboratory	VA	76	25,055	Ordnance Technology
Solomons Facility	MD	35	861	Test Site
Air Engineering Center, Lakehurst	NJ	2,942	28,033	Launch/Recovery Systems
Air Propulsion Test Center, Trenton	NJ	618	204	Engine T&E
Air Development Center, Warminster	PA	2,465	1,562	Aircraft Technology
Underwater Systems Center, Newport	RI	3,166	238	Undersea Warfare
New London Laboratory, New London	CT	19	26	Undersea Warfare
Tudor Hill Laboratory	BERMUDA	5	8	Test Site
Lake Seneca	NY	-	5	Test Site
Fishers Island	NY	-	154	Test Site

NAVY BASE STRUCTURE

Mission Support Forces

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (402)				
Amphibious Base, Coronado	CA	2,859	4,935	Amphibious Warfare Support
Support Activity, Long Beach	CA	3,832	3,217	Fleet/Shore Establishment Support
Naval Station, San Diego	CA	46,127	11,251	Operating Base
Submarine Support Facility, San Diego	CA	2,499	1,227	Submarine Force Support
Support Activity Treasure IS, San Francisco	CA	5,353	3,709	Fleet/Shore Establishment Support
Naval Station, Mayport	FL	10,912	5,057	Operating Base
Naval Station, Pearl Harbor	HI	17,378	1,209	Operating Base
Support Activity, New Orleans	LA	2,214	523	Fleet/Shore Establishment Support
Support Activity, Brooklyn	NY	1,709	159	Fleet/Shore Establishment Support
Support Activity, Philadelphia	PA	5,576	521	Fleet/Shore Establishment Support
Naval Station, Charleston	SC	17,595	3,777	Operating Base
Amphibious Base Little Creek, Norfolk	VA	8,283	45,162	Amphibious Warfare Support
Bloodsworth Island	VA	-	6,013	Target Complex
Naval Station, Norfolk	VA	49,620	6,322	Operating Base
Support Activity, Seattle	WA	1,568	439	Fleet/Shore Establishment Support

NAVY BASE STRUCTURE

MISSION SUPPORT

US TERRITORIES AND POSSESSIONS

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (402)				
Naval Support Activity Canal Zone, Rodman	CZ	342	10,663	Logistic Support
Naval Station	Guam	2,150	28,967	Fleet Support
Naval Station	Midway IS	791	2,419	Fleet Support

NAVY BASE STRUCTURE

MISSION SUPPORT FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (402)				
Naval Station, Guantanamo Bay	Cuba	3,137	57,296	Operating Base
Navy Support Facility	Diego Garcia	432	7,000	Operating Base
Naval Station, Keflavik	Iceland	2,341	43,920	Fleet Support
Support Activity, Naples	Italy	2,507	166	Fleet Support
Detachment, LaMaddalena	Italy	1,166	5	Fleet Support
Fleet Activities, Yokosuka	Japan	7,620	11,010	Fleet Support
Naval Station, Subic Bay	Philippines	2,647	216,742	Operating Base
Naval Activities				
United Kingdom, London	England	948	6	Fleet/Shore Establishment Support
Detachment, Holy Loch	Scotland	1,422	15	Fleet Support

NAVY BASE STRUCTURE

MISSION SUPPORT FORCES

FIFTY STATES

Installation	Nearest City	State	Major Unit/Activity/Purpose
Guard and Reserve (405)			
282 Reserve Centers/Facilities	Various		Reserve Training
21 Reserve Air Units/Detachments	Various		Reserve Air Training

NAVY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total PERS	Land Area (Acres)	Major Unit/Activity/Purpose
Central Supply and Maintenance (507)				
Weapons Station, Concord	CA	3,896	138,806	Ordnance Support
Naval Shipyard, Long Beach	CA	7,572	350	Ship Alteration/Repair
Supply Center, Oakland	CA	2,405	2,963	Supply Support
Construction Battalion Center, Port Hueneme	CA	7,687	13,607	Construction Force Support
Supply Center, San Diego	CA	1,626	4,012	Supply Support
Public Works Center, San Diego	CA	2,254	15,029	Facilities Support
Public Works Center, San Francisco	CA	1,160	759	Facilities Support
Weapons Station, Seal Beach	CA	1,960	174,661	Ordnance Support
Mare Island Naval Shipyard, Vallejo	CA	12,674	11,209	Ship Alteration/Repair
Public Works Center, Pensacola	FL	685	319	Facilities Support
Public Works Center, Pearl Harbor	HI	1,533	25,018	Facilities Support
Naval Shipyard, Pearl Harbor	HI	5,829	40,808	Ship Alteration/Repair
Naval Magazine, Lualualei	HI	387	90,181	Store/Maintain Ordnance
Supply Center, Pearl Harbor	HI	778	13,046	Supply Support
Public Works Center, Great Lakes	IL	623	4,346	Facilities Support
Weapons Support Center, Crane	IN	3,548	145,984	Weapons Systems/Ordnance Support
Ordnance Station, Louisville	KY	2,374	256	Ordnance Support
Ordnance Station, Indian Head	MD	2,464	29,647	Ordnance Support
Construction Battalion Center, Gulfport	MS	3,956	8,364	Construction Force Support

NAVY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total PERS	Land Area (Acres)	Major Unit/Activity/Purpose
Central Supply and Maintenance (507) (Con't)				
Naval Shipyard, Portsmouth	NH	8,275	292	Ship Alteration/Repair
Weapons Station, Earle, Colts Neck	NJ	1,637	244,863	Ordnance Support
Ships Parts Control Center, Mechanicsburg	PA	6,049	9,412	Inventory Control Point
Aviation Supply office, Philadelphia	PA	3,532	251	Inventory Control Point
Naval Shipyard, Philadelphia	PA	7,132	2,942	Ship Alteration/Repair
Construction Battalion Center, Davisville	RI	496	2,587	Maintenance of PWRS
Supply Center, Charleston	SC	968	208	Supply Support
Naval Shipyard, Charleston	SC	7,639	2,257	Ship Alteration/Repair
Weapons Station, Charleston	SC	2,492	79,637	Weapons Systems Support
Supply Center, Norfolk	VA	4,665	11,280	Supply Support
Public Works Center, Norfolk	VA	1,896	1,757	Facilities Support
Naval Shipyard Norfolk, Portsmouth	VA	11,755	5,663	Ship Alteration/Repair
Weapons Station, Yorktown	VA	2,809	96,831	Ordnance Support
Naval Shipyard Puget Sound, Bremerton	WA	15,905	6,931	Ship Alteration/Repair
Supply Center Puget Sound, Bremerton	WA	498	1,916	Supply Support
Torpedo Station, Keyport	WA	3,600	209,552	Underwater Weapons Support

NAVY BASE STRUCTURE

CENTRAL SUPPORT

US TERRITORIES AND POSSESSIONS

Installation/City	State	Total PERS	Land Area (Acres)	Major Unit/Activity/Purpose
Central Supply and Maintenance (507)				
Ship Repair Facility	Guam	946	371	Fleet Maintenance
Supply Depot	Guam	508	2,911	Supply Support
Magazine	Guam	217	8,843	Store/Maintain Ordnance
Public Works Center	Guam	1,363	2,078	Facilities Support
Training, Medical and other Personnel (508)				
Regional Medical Center	Guam	447	201	Health Care

NAVY BASE STRUCTURE

MISSION SUPPORT FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total PERS	Land Area (Acres)	Major Unit/Activity/Purpose
Central Supply and Maintenance (507)				
Public Works Center, Yokosuka	Japan	1,132	1,409	Facilities Support
Ship Repair Facility, Yokosuka	Japan	1,763	*	Fleet Maintenance
Supply Depot, Yokosuka	Japan	1,130	1,783	Supply Support
Magazine, Subic Bay	Philippines	319	*	Store/Maintain Ordnance
Public Works Center, Subic Bay	Philippines	2,879	4,135	Facilities Support
Ship Repair Facility, Subic Bay	Philippines	4,131	*	Fleet Maintenance
Supply Depot, Subic Bay	Philippines	1,122	*	Supply Support
Training, Medical and other Personnel (508)				
Regional Medical Center, Naples	Italy	346	*	Health Care
Training Command Morocco, Kenitra	Morocco	85	3,463	Training Facility
Regional Medical Center, Yokosuka	Japan	531	*	Health Care

* Tenant Activity

NAVY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total PERS	Land Area (Acres)	Major Unit/Activity/Purpose
Training, Medical and other Personnel (508)				
Regional Medical Center, Camp Pendleton	CA	1,210	339	Health Care
Regional Medical Center, Long Beach	CA	1,053	130	Health Care
Post Graduate School, Monterey	CA	1,732	4,153	Professional Development
Regional Medical Center, Oakland	CA	2,109	1,257	Health Care
Fleet ASW Training Center, San Diego	CA	2,737	81	ASW Training
Fleet Combat Direction Systems Training Center, San Diego	CA	888	130	Specialized Training
Regional Medical Center, San Diego	CA	3,859	163	Health Care
Training Center, San Diego	CA	14,649	3,868	Recruit/Skill Training
Regional Medical Center, Jacksonville	FL	990	75	Health Care
NAS Whiting Field, Milton	FL	3,040	8,432	Flight Training
OLF Brewton, Milton	FL	-	673	Auxiliary Training Field
OLF Pace, Milton	FL	-	207	Auxiliary Training Field
OLF Harold, Milton	FL	-	573	Auxiliary Training Field
OLF 8A, Escambia	FL	-	640	Auxiliary Training Field
OLF Site 6, Escambia	FL	-	479	Auxiliary Training Field
OLF Holley, Santa Rosa	FL	-	1,338	Auxiliary Training Field
OLF Santa Rosa, Santa Rosa	FL	-	738	Auxiliary Training Field

NAVY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total PERS	Land Area (Acres)	Major Unit/Activity/Purpose
Training, Medical and other Personnel (508) (Con't)				
OLF Spencer, Santa Rosa	FL	-	1,280	Auxiliary Training Field
OLF Middleton, Conecutt CO.	AL	-	352	Auxiliary Training Field
ALF Barin, Baldwin	AL	-	968	Auxiliary Training Field
OLF Wolfe, Baldwin	AL	-	683	Auxiliary Training Field
Training Center, Orlando	FL	16,426	14,644	Recruit/Skill Training
Aerospace and Regional Medical Center, Pensacola	FL	1,350	89	Health Care
NAS Pensacola	FL	11,116	14,728	Flight Training
OLF Bronson, Escambia	FL	-	1,738	Auxiliary Training Field
OLF 4A, Escambia	FL	-	314	Auxiliary Training Field
OLF Choctaw, Santa Rosa	FL	-	800	Auxiliary Training Field
OLF Saufley, Pensacola	FL	-	3,541	Auxiliary Training Field
OLF Canal, Pensacola	FL	-	552	Auxiliary Training Field
OLF Kings, Baldwin	AL	-	2,880	Auxiliary Training Field
OLF Faircloth, Baldwin	AL	-	285	Auxiliary Training Field
OLF Kaiser, Baldwin	AL	-	304	Auxiliary Training Field
OLF Magnolia, Baldwin	AL	-	728	Auxiliary Training Field
OLF Silver Hill, Baldwin	AL	-	749	Auxiliary Training Field
OLF Summerdale, Baldwin	AL	-	1,685	Auxiliary Training Field
Technical Training Center, Corry Station, Pensacola	FL	1,052	585	Specialized Training
Education and Training Program Development Center, Ellyson, Pensacola	FL	802	1,184	Training Program Development

NAVY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total PERS	Land Area (Acres)	Major Unit/Activity/Purpose
Training, Medical and other Personnel (508) (Con't)				
Supply Corps School, Athens	GA	435	58	Professional Training
Regional Medical Center, Great Lakes	IL	1,832	85	Health Care
Training Center, Great Lakes	IL	22,273	11,379	Recruit/Skill Training
Naval Academy, Annapolis	MD	7,240	8,448	Officer Development
National Naval Medical Center, Bethesda	MD	3,466	242	Health Care
NAS Meridian, Meridian	MS	2,444	41,202	Flight Training
OLF Alpha, Lauderdale	MS	-	1,785	Auxiliary Training Field
OLF Bravo, Kemper	MS	-	4,337	Auxiliary Training Field
Regional Medical Center, Camp Lejuene	NC	824	127	Health Care
Regional Medical Center, Philadelphia	PA	1,299	49	Health Care
Education and Training Center, Newport	RI	3,716	2,940	Officer Indoctrination Skill Training
Regional Medical Center, Newport	RI	451	41	Health Care
War College, Newport	RI	492	37	Professional Development
FBM Submarine Training Center, Charleston	SC	344	7	Specialized Training
Fleet and Mine Warfare Training Center, Charleston	SC	1,038	10	Skill Training

NAVY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total PERS	Land Area (Acres)	Major Unit/Activity/Purpose
Training, Medical and other Personnel (508) (Con't)				
Regional Medical Center, Charleston	SC	887	24	Health Care
NAS Memphis, Millington	TN	7,906	8,318	Skill Training
Regional Medical Center, Memphis, Millington	TN	583	39	Health Care
NAS Chase Field, Beeville	TX	1,879	9,312	Flight Training
ALF Goliad	TX	12	1,570	Auxiliary Training Field
NAS Corpus Christi	TX	2,961	14,313	Flight Training
ALF Waldron, Corpus Christi	TX	-	2,042	Auxiliary Training Field
ALF Cabaniss, Nueces	TX	-	4,268	Auxiliary Training Field
Regional Medical Center, Corpus Christi	TX	374	32	Health Care
NAS Kingsville	TX	1,881	9,544	Flight Training
ALF Orange, Orange Grove	TX	36	3,360	Auxiliary Training Field
Hospital, Quantico	VA	304	50	Health Care
Admincom Armed Force Staff College, Norfolk	VA	194	59	Professional Development
Fleet ASW Training Center, Norfolk	VA	357	6	ASW Training
Regional Medical Center, Portsmouth	VA	3,029	114	Health Care
Fleet Combat Direction Systems Training Center - Dam Neck Virginia Beach	VA	2,437	3,005	Specialized Training
Regional Medical Center, Bremerton	WA	592	24	Health Care

SECTION VI

Part 2 Navy

Base Structure Listing by IDPP Category
in Descending Order of Number of Personnel

NAVY BASE STRUCTURE

STRATEGIC

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Strategic (101)				
Submarine Base, Bangor	WA			Developmental Status

NAVY BASE STRUCTURE

General Purpose

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (202)				
NAS North Island, San Diego	CA	15,425	21,092	Early Warning/ASW Aircraft
NAS, Alameda	CA	14,073	2,951	Support Aircraft
NAS, Norfolk	VA	13,281	19,758	ASW/Early Warning Aircraft Air Terminal
Submarine Base New London, Groton	CT	12,838	3,770	Submarine Forces Support
NAS, Jacksonville	FL	10,843	26,674	Patrol/ASW Aircraft
NAS Oceana, Virginia Beach	VA	8,529	155,390	Fighter/Attack Aircraft
NAS Miramar, San Diego	CA	8,007	244,611	Fighter/Attack Aircraft
NAS Cecil Field, Jacksonville	FL	7,235	42,037	Attack/ASW Aircraft
NAS Whidbey IS, Oak Harbor	WA	6,084	239,376	Attack/Electronic Warfare Aircraft
Pacific Missile Test Center Pt Mugu	CA	6,055	20,210	RDT&E Air Launched Weapons
NAS, Lemoore	CA	5,122	350,754	Attack Aircraft
Submarine Base Pearl Harbor, Honolulu	HI	4,939	103	Submarine Forces Support
NAS Moffett Field, San Jose	CA	4,635	10,934	Patrol Aircraft
NAS Barbers Point, Honolulu	HI	4,238	63,408	Patrol Aircraft
NAS, Brunswick	ME	3,332	9,853	Patrol Aircraft
NAS, Key West	FL	2,830	33,378	Reconnaissance Aircraft
Naval Station, Adak	AK	996	425,766	Patrol Aircraft
NAS, Fallon	NV	877	71,621	Attack Aircraft
Naval Facility Centerville Beach, Ferndale	CA	218	87	Oceanographic Research
Naval Facility Cape Hatteras, Buxton	NC	148	58	Oceanographic Research

NAVY BASE STRUCTURE

General Purpose

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity Purpose
General Purpose (202) (Con't)				
Naval Facility, Pacific Beach	WA	101	86	Oceanographic Research
Naval Facility, Lewes	DE	125	717	Oceanographic Research
Naval Facility Coos Head, Charleston	OR	120	6	Oceanographic Research
Naval Facility Point Sur, Monterey	CA	116	50	Oceanographic Research

NAVY BASE STRUCTURE

General Purpose

US TERRITORIES AND POSSESSIONS

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (202)				
Naval Station Roosevelt Roads, Ceiba	PR	2,792	221,513	Operating Base
NAS Agana, Guam	Guam	1,852	6,366	Patrol/Electronic Warfare Aircraft
Naval Facility, Guam	Guam	100	333	Oceanographic Research

NAVY BASE STRUCTURE

General Purpose

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (202)				
Naval Station Rota	Spain	5,556	7,651	Operating Base
Air Station Cubi Point	Philippines	2,153	*	Attack/ASW Aircraft
Air Facility Sigonella	Italy	1,489	401	Patrol/Fleet Aircraft
Air Facility Atsugi	Japan	1,286	5,585	Reconnaissance Aircraft
Air Station Bermuda	Bermuda	1,100	1,439	Patrol Aircraft
Naval Facility Argentia	Canada	458	16,668	Oceanographic Research
Naval Facility Bermuda	Bermuda	154	50	Oceanographic Research
Naval Facility Eleuthera	Bahamas	149	507	Oceanographic Research
Naval Facility Antigua	West Indies	115	216	Oceanographic Research
Naval Facility Barbados	West Indies	108	52	Oceanographic Research
Naval Facility Grand Turk	Turks & Caicos	105	76	Oceanographic Research

* Tenant Activity

NAVY BASE STRUCTURE

General Purpose

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Guard and Reserve (205)				
NAS South Weymouth, S. Weymouth	CA	2,229	2,353	Reserve Air Training
NAS Willow Grove, Willow Grove	PA	1,535	3,564	Reserve Air Training
NAS New Orleans, New Orleans	LA	1,505	40,472	Reserve Air Training
NAS Dallas, Dallas	TX	1,489	2,302	Reserve Air Training
NAS Glenview, Glenview	IL	1,484	10,824	Reserve Air Training
NAS Atlanta, Marietta	CA	689	249	Reserve Air Training

NAVY BASE STRUCTURE

Auxiliary Forces

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Intelligence and Communications (303)				
NAVCAMS EASTPAC, Wahiawa	HI	1,585	12,826	Communications
NAVCAMSLANT, Norfolk	VA	1,289	4,904	Communications
Communications Station, Stockton	CA	707	18,068	Communications
Communications Station, San Diego	CA	704	3,093	Communications
Security Group Activity, Adak	AK	547	7,553	Communications
Security Group Activity, Homestead	FL	372	866	Communications
Radio Station Cutler, East Machias	ME	204	2,999	Communications

NAVY BASE STRUCTURE

AUXILIARY FORCES

US TERRITORIES AND POSSESSIONS

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Intelligence and Communications (303)				
NAVCAMS Western Pacific	Guam	1,461	15,148	Communications
Security Group Activity, Sabana Seca	PR	410	10,961	Communications
Communications Station Puerto Rico	PR	370	8,034	Communications
Communications Station, Balboa	CZ	235	3,210	Communications
Security Group Activity, Galeta IS	CZ	51	12,830	Communications

NAVY BASE STRUCTURE

AUXILIARY FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Intelligence and Communications (303)				
Communication Station, Rota	Spain	1,181	159	Communications
Communication Station, Yokosuka	Japan	712	2,879	Communications
Communication Station, Exmouth	Australia	629	18,159	Communications
Security Group Activity, Edzell	Scotland	625	471	Communications
NAVCAMS Mediterranean, Naples	Italy	578	*	Communications
Communication Station, San Miguel	Philippines	528	4,233	Communications
Communication Station, Nea Makri	Greece	503	500	Communications
Communication Station, Thurso	Scotland	184	237	Communications

* Tenant Activity

NAVY BASE STRUCTURE

Auxiliary Forces

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Research & Development (306)				
Air Test Center Patuxent River, Lexington Park	MD	5,486	121,135	T&E Aircraft Systems
Surface Weapons Center White Oak, Silver Spring	MD	5,059	5,531	Surface Warfare Systems
Weapons Center China Lake, Ridgecrest	CA	4,511	2,884,721	Air Warfare/Missile Systems
Research Laboratory, Washington	DC	3,691	1,947	Physical Sciences
Ocean System Center, San Diego	CA	3,427	6,310	Ocean Technology
Underwater Systems Center, Newport	RI	3,166	238	Undersea Warfare
Air Engineering Center, Lakehurst	NJ	2,942	28,033	Launch/Recovery Systems
Air Development Center, Warminster	PA	2,465	1,562	Aircraft Technology
Ship Research and Development Center, Bethesa	MD	1,679	649	Ship Technology
Coastal Systems Laboratory, Panama City	FL	1,064	1,560	Coastal Region Warfare
Air Propulsion Test Center, Trenton	NJ	618	240	Engine T&E
National Parachute Test Range, El Centro	CA	543	7,133	Parachute Test Range

NAVY BASE STRUCTURE

Mission Support Forces

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (402)				
Naval Station, Norfolk	VA	49,620	6,322	Operating Base
Naval Station, San Diego	CA	46,127	11,251	Operating Base
Naval Station, Charleston	SC	17,595	3,777	Operating Base
Naval Station, Pearl Harbor	HI	17,378	1,209	Operating Base
Naval Station, Mayport	FL	10,912	5,057	Operating Base
Amphibious Base Little Creek, Norfolk	VA	8,283	45,162	Amphibious Warfare Support
Support Activity, Philadelphia	PA	5,576	521	Fleet/Shore Establishment Support
Support Activity Treasure IS, San Francisco	CA	5,353	3,709	Fleet/Shore Establishment Support
Support Activity, Long Beach	CA	3,832	3,217	Fleet/Shore Establishment Support
Amphibious Base, Coronado	CA	2,859	4,935	Amphibious Warfare Support
Submarine Support Facility, San Diego	CA	2,499	1,227	Submarine Force Support
Support Activity, New Orleans	LA	2,214	523	Fleet/Shore Establishment Support
Support Activity, Brooklyn	NY	1,709	159	Fleet/Shore Establishment Support
Support Activity, Seattle	WA	1,568	439	Fleet/Shore Establishment Support

NAVY BASE STRUCTURE

MISSION SUPPORT

US TERRITORIES AND POSSESSIONS

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (402)				
Naval Station	Guam	2,150	28,967	Fleet Support
Naval Station	Midway IS	791	2,419	Fleet Support
Naval Support Activity Canal Zone, Rodman	CZ	342	10,663	Logistic Support

NAVY BASE STRUCTURE

MISSION SUPPORT FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (402)				
Fleet Activities, Yokosuka	Japan	7,620	11,010	Fleet Support
Naval Station, Guantanamo Bay	Cuba	3,137	57,296	Operating Base
Naval Station, Subic Bay	Philippines	2,647	216,742	Operating Base
Support Activity, Naples	Italy	2,507	166	Fleet Support
Naval Station, Keflavik	Iceland	2,341	43,920	Fleet Support
Naval Activities United Kingdom, London	England	948	6	Fleet/Shore Establishment Support
Navy Support Facility	Diego Garcia	432	7,000	Operating Base

NAVY BASE STRUCTURE

MISSION SUPPORT FORCES

FIFTY STATES

Installation	Nearest City	State	Major Unit/Activity/Purpose
Guard and Reserve (405)			
282 Reserve Centers/Facilities	Various		Reserve Training
21 Reserve Air Units/Detachments	Various		Reserve Air Training

NAVY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total PERS	Land Area (Acres)	Major Unit/Activity/Purpose
Central Supply and Maintenance (507)				
Naval Shipyard Puget Sound, Bremerton	WA	15,905	6,931	Ship Alteration/Repair
Mare Island Naval Shipyard, Vallejo	CA	12,674	11,209	Ship Alteration/Repair
Naval Shipyard Norfolk, Portsmouth	VA	11,755	5,663	Ship Alteration/Repair
Naval Shipyard, Portsmouth	NH	8,275	292	Ship Alteration/Repair
Construction Battalion Center, Port Hueneme	CA	7,687	13,607	Construction Force Support
Naval Shipyard, Charleston	SC	7,639	2,257	Ship Alteration/Repair
Naval Shipyard, Long Beach	CA	7,572	350	Ship Alteration/Repair
Naval Shipyard, Philadelphia	PA	7,132	2,942	Ship Alteration/Repair
Ships Parts Control Center, Mechanicsburg	PA	6,049	9,412	Inventory Control Point
Naval Shipyard, Pearl Harbor	HI	5,829	40,808	Ship Alteration/Repair
Supply Center, Norfolk	VA	4,665	11,280	Supply Support
Construction Battalion Center, Gulfport	MS	3,956	8,364	Construction Force Support
Weapons Station, Concord	CA	3,896	138,806	Ordnance Support
Torpedo Station, Keyport	WA	3,600	209,552	Underwater Weapons Support
Weapons Support Center, Crane	IN	3,548	145,984	Weapons Systems/Ordnance Support
Aviation Supply Office, Philadelphia	PA	3,532	251	Inventory Control Point
Weapons Station, Yorktown	VA	2,809	96,831	Ordnance Support

NAVY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Central Supply and Maintenance (507) (Con't)				
Weapons Station, Charleston	SC	2,492	79,637	Weapons Systems Support
Ordnance Station, Indian Head	MD	2,464	29,647	Ordnance Support
Supply Center, Oakland	CA	2,405	2,963	Supply Support
Ordnance Station, Louisville	KY	2,374	256	Ordnance Support
Public Works Center, San Diego	CA	2,254	15,029	Facilities Support
Weapons Station, Seal Beach	CA	1,960	174,661	Ordnance Support
Public Works Center, Norfolk	VA	1,896	1,757	Facilities Support
Weapons Station, Earle, Colts Neck	NJ	1,637	244,863	Ordnance Support
Supply Center, San Diego	CA	1,626	4,012	Supply Support
Public Works Center, Pearl Harbor	HI	1,533	25,018	Facilities Support
Public Works Center, San Francisco	CA	1,160	759	Facilities Support
Supply Center, Charleston	SC	968	208	Supply Support
Supply Center, Pearl Harbor	HI	778	13,046	Supply Support
Public Works Center, Pensacola	FL	685	319	Facilities Support
Public Works Center, Great Lakes	IL	623	4,346	Facilities Support
Supply Center Puget Sound, Bremerton	WA	498	1,916	Supply Support
Construction Battalion Center, Davisville	RI	496	2,587	Maintenance of PWRS
Naval Magazine, Lualualei	HI	387	90,181	Store/Maintain Ordnance

NAVY BASE STRUCTURE

CENTRAL SUPPORT

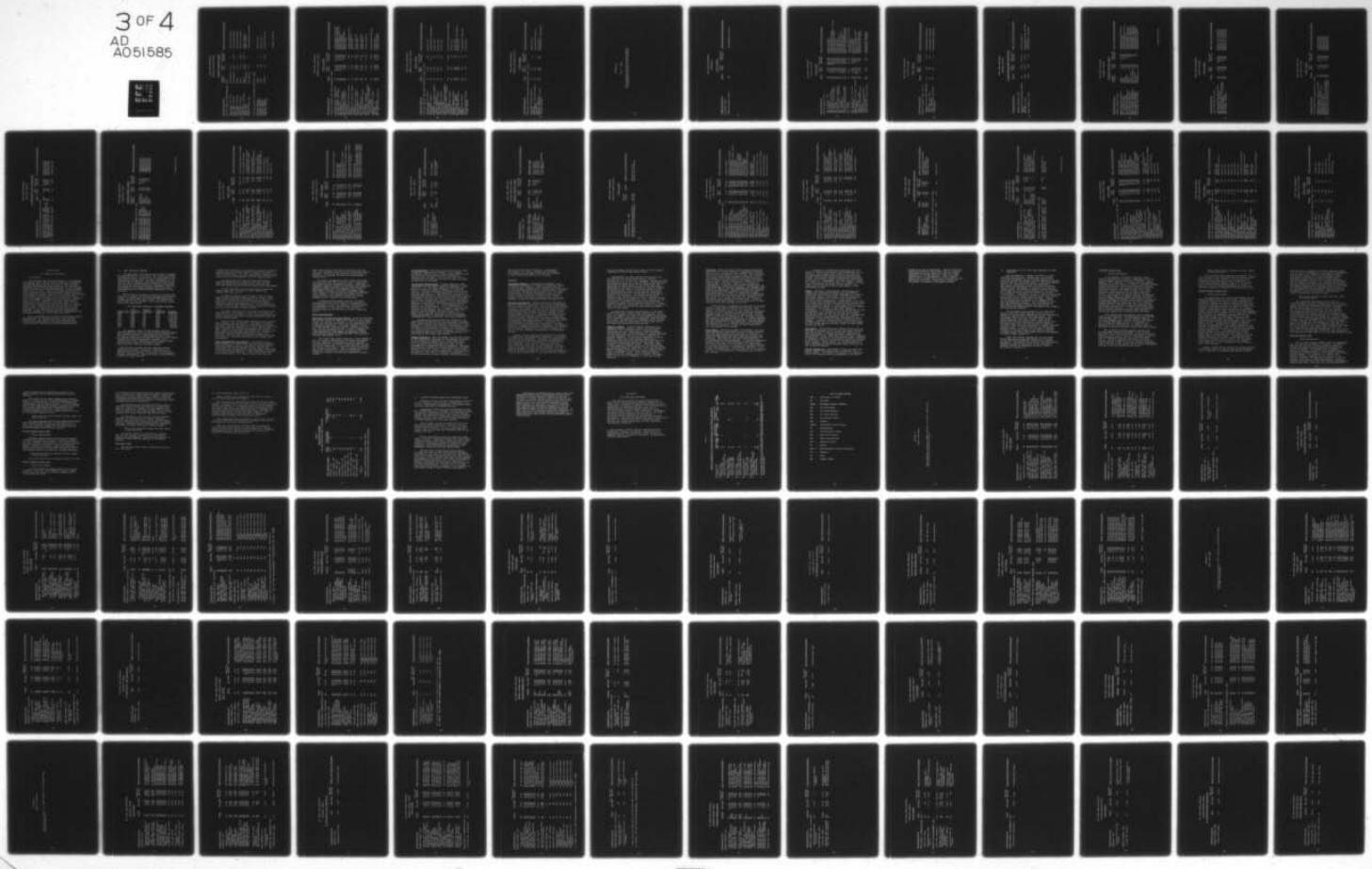
US TERRITORIES AND POSSESSIONS

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Central Supply and Maintenance (507)				
Public Works Center	Guam	1,363	2,078	Facilities Support
Ship Repair Facility	Guam	946	371	Fleet Maintenance
Supply Depot	Guam	508	2,911	Supply Support
Magazine	Guam	217	8,843	Store/Maintain Ordnance
Training, Medical and other Personnel (508)				
Regional Medical Center	Guam	447	201	Health Care

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NAVY BASE STRUCTURE

MISSION SUPPORT FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Central Supply and Maintenance (507)				
Ship Repair Facility, Subic Bay	Philippines	4,131	*	Fleet Maintenance
Public Works Center, Subic Bay	Philippines	2,879	4,135	Facilities Support
Ship Repair Facility, Yokosuka	Japan	1,763	*	Fleet Maintenance
Public Works Center, Yokosuka	Japan	1,132	1,409	Facilities Support
Supply Depot, Yokosuka	Japan	1,130	1,783	Supply Support
Supply Depot, Subic Bay	Philippines	1,122	*	Supply Support
Magazine, Subic Bay	Philippines	319	*	Store/Maintain Ordnance
Training, Medical and other Personnel (508)				
Regional Medical Center, Yokosuka	Japan	531	*	Health Care
Regional Medical Center, Naples	Italy	346	*	Health Care
Training Command Morocco, Kenitra	Morocco	85	3,463	Training Facility

* Tenant Activity

NAVY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Training, Medical and other Personnel (508)				
Training Center, Great Lakes	IL	22,273	11,379	Recruit/Skill Training
Training Center, Orlando	FL	16,426	14,644	Recruit/Skill Training
Training Center, San Diego	CA	14,649	3,868	Recruit/Skill Training
NAS Pensacola	FL	11,116	14,728	Flight Training
NAS Memphis, Millington	TN	7,906	8,318	Skill Training
Naval Academy, Annapolis	MD	7,240	8,448	Officer Development
Regional Medical Center, San Diego	CA	3,859	163	Health Care
Education and Training Center, Newport	RI	3,716	2,940	Officer Indoctrination Skill Training
National Naval Medical Center, Bethesda	MD	3,466	242	Health Care
NAS Whiting Field, Milton	FL	3,040	8,432	Flight Training
Regional Medical Center, Portsmouth	VA	3,029	114	Health Care
NAS Corpus Christi	TX	2,961	14,313	Flight Training
Fleet ASW Training Center, San Diego	CA	2,737	81	ASW Training
NAS Meridian, Meridian	MS	2,444	41,202	Flight Training
Fleet Combat Direction Systems Training Center - Dam Neck Virginia Beach	VA	2,437	3,005	Specialized Training
Regional Medical Center, Oakland	CA	2,109	1,257	Health Care
NAS Kingsville	TX	1,881	9,544	Flight Training
NAS Chase Field, Beeville	TX	1,879	9,312	Flight Training

NAVY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total PERS	Land Area (Acres)	Major Unit/Activity/Purpose
Training, Medical and other Personnel (508) (Con't)				
Regional Medical Center, Great Lakes	IL	1,832	85	Health Care
Post Graduate School, Monterey	CA	1,732	4,153	Professional Development
Aerospace and Regional Medical Center, Pensacola	FL	1,350	89	Health Care
Regional Medical Center, Philadelphia	PA	1,299	49	Health Care
Regional Medical Center, Camp Lejuene	NC	824	127	Health Care
Education and Training Program Development Center, Ellyson, Pensacola	FL	802	1,184	Training Program Development
Regional Medical Center, Bremerton	WA	592	24	Health Care
Regional Medical Center, Memphis, Millington	TN	583	39	Health Care
War College, Newport	RI	492	37	Professional Development
Regional Medical Center, Newport	RI	451	41	Health Care
Supply Corps School, Athens	GA	435	58	Professional Training
Regional Medical Center, Corpus Christi	TX	374	32	Health Care

NAVY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Training, Medical and other Personnel (508) (Con't)				
Fleet ASW Training Center, Norfolk	VA	357	6	ASW Training
FBM Submarine Training Center, Charleston	SC	344	7	Specialized Training
Hospital, Quantico	VA	304	50	Health Care
Admincom Armed Force Staff College, Norfolk	VA	194	59	Professional Development

SECTION VI

Part 3 Navy

Base Structure Listing by IDPP Category
in Descending Order by Total Land Area

NAVY BASE STRUCTURE

STRATEGIC

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Strategic (101)				
Submarine Base, Bangor	WA			Developmental Status

NAVY BASE STRUCTURE

General Purpose

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (202)				
Naval Station, Adak	AK	996	425,766	Patrol Aircraft
NAS, Lemoore	CA	5,122	350,754	Attack Aircraft
NAS Miramar, San Diego	CA	8,007	244,611	Fighter/Attack Aircraft
NAS Whidbey IS, Oak Harbor	WA	6,084	239,376	Attack/Electronic Warfare Aircraft
NAS Oceana, Virginia Beach	VA	8,529	155,390	Fighter/Attack Aircraft
NAS, Fallon	NV	877	71,621	Attack Aircraft
NAS Barbers Point, Honolulu	HI	4,238	63,408	Patrol Aircraft
NAS Cecil Field, Jacksonville	FL	7,235	42,037	Attack/ASW Aircraft
NAS, Key West	FL	2,830	33,378	Reconnaissance Aircraft
NAS, Jacksonville	FL	10,843	26,674	Patrol/ASW Aircraft
NAS North Island, San Diego	CA	15,425	21,092	Early Warning/ASW Aircraft
Pacific Missile Test Center Pt. Mugu	CA	6,055	20,210	RDT&E Air Launched Weapons
NAS, Norfolk	VA	13,281	19,758	ASW/Early Warning Aircraft Air Terminal
NAS Moffett Field, San Jose	CA	4,635	10,934	Patrol Aircraft
NAS, Brunswick	ME	3,332	9,853	Patrol Aircraft
Submarine Base New London, Groton	CA	12,838	3,770	Submarine Forces Support
NAS, Alameda	CA	14,073	2,951	Support Aircraft
Naval Facility, Lewes	DE	125	717	Oceanographic Research
Submarine Base Pearl Harbor, Honolulu	HI	4,939	103	Submarine Forces Support
Naval Facility Centerville Beach, Ferndale	CA	218	87	Oceanographic Research
Naval Facility, Pacific Beach	WA	131	86	Oceanographic Research

NAVY BASE STRUCTURE

General Purpose

FIFTY STATES

Installation/City	State	Total PERS	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (202) (Con't)				
Naval Facility Cape Hatteras, Buxton	NC	148	58	Oceanographic Research
Naval Facility Point Sur, Monterey	CA	116	30	Oceanographic Research
Naval Facility Coos Head, Charleston	OR	120	6	Oceanographic Research

NAVY BASE STRUCTURE

GENERAL PURPOSE

US TERRITORIES AND POSSESSIONS

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (202)				
Naval Station Roosevelt Roads, Ceiba	PR	2,792	221,513	Operating Base
NAS Agana, Guam	Guam	1,852	6,366	Patrol/Electronic Warfare Aircraft
Naval Facility, Guam	Guam	100	333	Oceanographic Research

NAVY BASE STRUCTURE

GENERAL PURPOSE

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (202)				
Naval Facility Argentia	Canada	458	16,668	Oceanographic Research
Naval Station Rota	Spain	5,556	7,651	Operating Base
Air Facility Atsugi	Japan	1,286	5,585	Reconnaissance Aircraft
Air Station Bermuda	Bermuda	1,100	1,439	Patrol Aircraft
Naval Facility Eleuthera	Bahamas	149	507	Oceanographic Research
Air Facility Sigonella	Italy	1,489	401	Patrol/Fleet Aircraft
Naval Facility Antigua	West Indies	115	216	Oceanographic Research
Naval Facility Grand Turk	Turks & Caicos	105	76	Oceanographic Research
Naval Facility Barbados	West Indies	108	52	Oceanographic Research
Naval Facility Bermuda	Bermuda	154	50	Oceanographic Research
Air Station Cubi Point	Philippines	2,153	*	Attack/ASW Aircraft

* Tenant Activity

NAVY BASE STRUCTURE

General Purpose

FIFTY STATES

Installation/City	State	Total PERS	Land Area (Acres)	Major Unit/Activity/Purpose
Guard and Reserve (205)				
NAS New Orleans, New Orleans	LA	1,505	40,472	Reserve Air Training
NAS Glenview, Glenview	IL	1,484	10,824	Reserve Air Training
NAS Willow Grove, Willow Grove	PA	1,535	3,564	Reserve Air Training
NAS South Weymouth, S. Weymouth	MA	2,229	2,353	Reserve Air Training
NAS Dallas, Dallas	TX	1,489	2,302	Reserve Air Training
NAS Atlanta, Marietta	CA	689	249	Reserve Air Training

NAVY BASE STRUCTURE

Auxiliary Forces

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Intelligence and Communications (303)				
Communications Station, Stockton	CA	707	18,068	Communications
NAVCAMS EASTPAC, Wahiawa	HI	1,585	12,826	Communications
Security Group Activity, Adak	AK	547	7,553	Communications
NAVCAMSLANT, Norfolk	VA	1,289	4,904	Communications
Communications Station, San Diego	CA	704	3,093	Communications
Radio Station Cutler, East Machias	ME	204	2,999	Communications
Security Group Activity, Homestead	FL	372	866	Communications

NAVY BASE STRUCTURE

AUXILIARY FORCES

US TERRITORIES AND POSSESSIONS

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Intelligence and Communications (303)				
NAVCAMS Western Pacific, Guam	Guam	1,461	15,148	Communications
Security Group Activity, Galeta IS	CZ	51	12,830	Communications
Security Group Activity Sabana Seca	PR	410	10,961	Communications
Communications Station, Puerto Rico, Ponce	PR	370	8,034	Communications
Communications Station, Balboa	CZ	235	3,210	Communications

NAVY BASE STRUCTURE

AUXILIARY FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Intelligence and Communications (303)				
Communication Station, Exmouth	Australia	629	18,159	Communications
Communication Station, San Miguel	Philippines	528	4,233	Communications
Communication Station, Yokosuka	Japan	712	2,879	Communications
Communication Station, Nea Makri	Greece	503	500	Communications
Communication Station, Thurso	Scotland	184	237	Communications
Communication Station, Rota	Spain	1,181	159	Communications
NAVCAMS Mediterranean, Naples	Italy	578	*	Communications

* Tenant Activity

NAVY BASE STRUCTURE

Auxiliary Forces

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Research & Development (306)				
Weapons Center China Lake, Ridgecrest	CA	4,511	2,884,721	Air Warfare/Missile Systems
Air Test Center Patuxent River, Lexington Park	MD	5,486	121,135	T&E Aircraft Systems
Air Engineering Center, Lakehurst	NJ	2,942	28,033	Launch/Recovery Systems
National Parachute Test Range, El Centro	CA	543	7,133	Parachute Test Range
Ocean System Center, San Diego	CA	3,427	6,310	Ocean Technology
Surface Weapons Center White Oak, Silver Spring	MD	5,059	5,531	Surface Warfare Systems
Research Laboratory, Washington	DC	3,691	1,947	Physical Sciences
Air Development Center, Warminster	PA	2,465	1,562	Aircraft Technology
Coastal Systems Laboratory, Panama City	FL	1,064	1,560	Coastal Region Warfare
Ship Research and Development Center, Bethesa	MD	1,679	649	Ship Technology
Underwater Systems Center, Newport	RI	3,166	238	Undersea Warfare
Air Propulsion Test Center, Trenton	NJ	618	204	Engine T&E

NAVY BASE STRUCTURE

Mission Support Forces

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (402)				
Amphibious Base Little Creek, Norfolk	VA	8,283	45,162	Amphibious Warfare Support
Naval Station, San Diego	CA	46,127	11,251	Operating Base
Naval Station, Norfolk	VA	49,620	6,322	Operating Base
Naval Station, Mayport	FL	10,912	5,057	Operating Base
Amphibious Base, Coronado	CA	2,859	4,935	Amphibious Warfare Support
Naval Station, Charleston	SC	17,595	3,777	Operating Base
Support Activity Treasure IS, San Francisco	CA	5,353	3,709	Fleet/Shore Establishment Support
Support Activity, Long Beach	CA	3,832	3,217	Fleet/Shore Establishment Support
Submarine Support Facility, San Diego	CA	2,499	1,227	Submarine Force Support
Naval Station, Pearl Harbor	HI	17,378	1,209	Operating Base
Support Activity, New Orleans	LA	2,214	523	Fleet/Shore Establishment Support
Support Activity, Philadelphia	PA	5,576	521	Fleet/Shore Establishment Support
Support Activity, Seattle	VA	1,568	439	Fleet/Shore Establishment Support
Support Activity, Brooklyn	NY	1,709	159	Fleet/Shore Establishment Support

NAVY BASE STRUCTURE

Mission Support

US TERRITORIES AND POSSESSIONS

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (402)				
Naval Station	Guam	2,150	28,967	Fleet Support
Naval Support Activity Canal Zone, Rodman	CZ	342	10,663	Logistic Support
Naval Station	Midway IS	791	2,419	Fleet Support

NAVY BASE STRUCTURE

MISSION SUPPORT FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
General Purpose (402)				
Naval Station, Subic Bay	Philippines	2,647	216,742	Operating Base
Naval Station, Guantanamo Bay	Cuba	3,137	57,296	Operating Base
Naval Station, Keflavik	Iceland	2,341	43,920	Fleet Support
Fleet Activities, Yokosuka	Japan	7,620	11,010	Fleet Support
Navy Support Facility	Diego Garcia	432	7,000	Operating Base
Support Activity, Naples	Italy	2,507	166	Fleet Support
Naval Activities United Kingdom, London	England	948	6	Fleet/Shore Establishment Support

NAVY BASE STRUCTURE

MISSION SUPPORT FORCES

FIFTY STATES

Installation	Nearest City	State	Major Unit/Activity/Purpose
Guard and Reserve (405)			
282 Reserve Centers/Facilities	Various		Reserve Training
21 Reserve Air Units/Detachments	Various		Reserve Air Training

NAVY BASE STRUCTURE

Central Support Forces

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Central Supply and Maintenance (507)				
Weapons Station, Earle, Colts Neck	NJ	1,637	244,863	Ordnance Support
Torpedo Station, Keyport	WA	3,600	209,552	Underwater Weapons Support
Weapons Station, Seal Beach	CA	1,960	174,661	Ordnance Support
Weapons Support Center, Crane	IN	3,548	145,984	Weapons Systems/Ordnance Support
Weapons Station, Concord	CA	3,896	138,806	Ordnance Support
Weapons Station, Yorktown	VA	2,809	96,831	Ordnance Support
Naval Magazine, Lualualei	HI	387	90,181	Store/Maintain Ordnance
Weapons Station, Charleston	SC	2,492	79,637	Weapons Systems Support
Naval Shipyard, Pearl Harbor	HI	5,829	40,808	Ship Alteration/Repair
Ordnance Station, Indian Head	MD	2,464	29,647	Ordnance Support
Public Works Center, Pearl Harbor	HI	1,533	25,018	Facilities Support
Public Works Center, San Diego	CA	2,254	15,029	Facilities Support
Construction Battalion Center, Port Hueneme	CA	7,687	13,607	Construction Force Support
Supply Center, Pearl Harbor	HI	778	13,046	Supply Support
Supply Center, Norfolk	VA	4,665	11,280	Supply Support
Mare Island Naval Shipyard, Vallejo	CA	12,674	11,209	Ship Alteration/Repair
Ships Parts Control Center, Mechanicsburg	PA	6,049	9,412	Inventory Control Point
Construction Battalion Center, Gulfport	MS	3,956	8,364	Construction Force Support
Naval Shipyard Puget Sound, Bremerton	WA	15,905	6,931	Ship Alteration/Repair
Naval Shipyard Norfolk, Portsmouth	VA	11,755	5,663	Ship Alteration/Repair

NAVY BASE STRUCTURE

Central Support Forces

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Central Supply and Maintenance (507) (Con't)				
Public Works Center, Great Lakes	IL	623	4,346	Facilities Support
Supply Center, San Diego	CA	1,626	4,012	Supply Support
Supply Center, Oakland	CA	2,405	2,963	Supply Support
Naval Shipyard, Philadelphia	PA	7,132	2,942	Ship Alteration/Repair
Construction Battalion Center, Davisville	RI	496	2,587	Maintenance of PWRS
Naval Shipyard, Charleston	SC	7,639	2,257	Ship Alteration/Repair
Supply Center Puget Sound, Bremerton	WA	498	1,916	Supply Support
Public Works Center, Norfolk	VA	1,896	1,757	Facilities Support
Public Works Center, San Francisco	CA	1,160	759	Facilities Support
Naval Shipyard, Long Beach	CA	7,572	350	Ship Alteration/Repair
Public Works Center, Pensacola	FL	685	319	Facilities Support
Naval Shipyard, Portsmouth	NH	8,275	292	Ship Alteration/Repair
Ordnance Station, Louisville	KY	2,374	256	Ordnance Support
Aviation Supply Office, Philadelphia	PA	3,532	251	Inventory Control Point
Supply Center, Charleston	SC	968	208	Supply Support

NAVY BASE STRUCTURE

CENTRAL SUPPORT

US TERRITORIES AND POSSESSIONS

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Magazine	Guam	217	8,843	Store/Maintain Ordnance
Supply Depot	Guam	508	2,911	Supply Support
Public Works Center	Guam	1,363	2,078	Facilities Support
Ship Repair Facility	Guam	946	371	Fleet Maintenance
Training, Medical and other Personnel (508)				
Regional Medical Center	Guam	447	201	Health Care

NAVY BASE STRUCTURE

MISSION SUPPORT FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country/ Area	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Central Supply and Maintenance (507)				
Public Works Center, Subic Bay	Philippines	2,879	4,135	Facilities Support
Supply Depot, Yokosuka	Japan	1,130	1,783	Supply Support
Public Works Center, Yokosuka	Japan	1,132	1,409	Facilities Support
Ship Repair Facility, Yokosuka	Japan	1,763	*	Fleet Maintenance
Ship Repair Facility, Subic Bay	Philippines	4,131	*	Fleet Maintenance
Supply Depot, Subic Bay	Philippines	1,122	*	Supply Support
Magazine, Subic Bay	Philippines	319	*	Store/Maintain Ordnance
Training, Medical and other Personnel (508)				
Training Command Morocco, Kenitra	Morocco	85	3,463	Training Facility
Regional Medical Center, Naples	Italy	346	*	Health Care
Regional Medical Center, Yokosuka	Japan	531	*	Health Care

* Tenant Activity

NAVY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Training, Medical and other Personnel (508)				
NAS Meridian, Meridian	MS	2,444	41,202	Flight Training
NAS Pensacola	FL	11,116	14,728	Flight Training
Training Center, Orlando	FL	16,426	14,644	Recruit/Skill Training
NAS Corpus Christi	TX	2,961	14,313	Flight Training
Training Center, Great Lakes	IL	22,273	11,379	Recruit/Skill Training
NAS Kingsville	TX	1,881	9,544	Flight Training
NAS Chase Field, Beeville	TX	1,879	9,312	Flight Training
Naval Academy, Annapolis	MD	7,240	8,448	Officer Development
NAS Whiting Field, Milton	FL	3,040	8,432	Flight Training
NAS Memphis, Millington	TN	7,906	8,318	Skill Training
Post Graduate School, Monterey	CA	1,732	4,153	Professional Development
Training Center, San Diego	CA	14,649	3,868	Recruit/Skill Training
Fleet Combat Direction Systems Training Center - Dam Neck Virginia Beach	VA	2,437	3,005	Specialized Training
Education and Training Center, Newport	RI	3,716	2,940	Officer Indoctrination Skill Training
Regional Medical Center, Oakland	CA	2,109	1,257	Health Care
Development Center, Ellyson, Pensacola	FL	802	1,184	Training Program Development
Technical Training Center, Corry Station, Pensacola	FL	1,052	585	Specialized Training
Regional Medical Center, Camp Pendleton	CA	1,210	339	Health Care
National Naval Medical Center, Bethesda	MD	3,466	242	Health Care

NAVY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Training, Medical and other Personnel (508) (Con't)				
Regional Medical Center, San Diego	CA	3,859	163	Health Care
Regional Medical Center, Long Beach	CA	1,053	130	Health Care
Fleet Combat Direction Systems Training Center, San Diego	CA	888	130	Specialized Training
Regional Medical Center, Camp Lejuene	NC	824	127	Health Care
Regional Medical Center, Portsmouth	VA	3,029	114	Health Care
Aerospace and Regional Medical Center, Pensacola	FL	1,350	89	Health Care
Regional Medical Center, Great Lakes	IL	1,832	85	Health Care
Fleet ASW Training Center, San Diego	CA	2,737	81	ASW Training
Regional Medical Center, Jacksonville	FL	990	75	Health Care
Admincom Armed Force Staff College, Norfolk	VA	194	59	Professional Development
Supply Corps School, Athens	GA	435	58	Professional Training
Hospital, Quantico	VA	304	50	Health Care
Regional Medical Center, Philadelphia	PA	1,299	49	Health Care
Regional Medical Center, Newport	RI	451	41	Health Care
Regional Medical Center, Memphis, Millington	TN	583	39	Health Care
War College, Newport	RI	492	37	Professional Development

NAVY BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Total Pers	Land Area (Acres)	Major Unit/Activity/Purpose
Training, Medical and other Personnel (508) (Con't)				
Regional Medical Center, Corpus Christi	TX	374	32	Health Care
Regional Medical Center, Charleston	SC	887	24	Health Care
Regional Medical Center, Bremerton	WA	592	24	Health Care
Fleet and Mine Warfare Training Center, Charleston	SC	1,038	10	Skill Training
FBM Submarine Training Center, Charleston	SC	344	7	Specialized Training
Fleet ASW Training Center, Norfolk	VA	357	6	ASW Training

CHAPTER FOUR

AIR FORCE BASE STRUCTURE

I. INTRODUCTION

The Air Force Base Structure Chapter to the Manpower Requirements Report for FY 1979 is submitted in accordance with Section 302, PL 94-361. Section II, Base Structure Overview, describes the criteria used by the Air Force in determining the Air Force base structure. It also includes historical data on the base structure and related manpower trends since FY 1968. Section III relates the needs of the major activities within each Installation Defense Planning and Programming Category (IDPPC) to the current base structure. Major changes to the FY 1979 force structure and their impact on the base structure are also described. Section IV gives a breakdown of projected Air Force base operations costs for FY 1979. Section V summarizes recent major actions taken to reduce base operations costs. It also describes some alternatives that the Air Force is pursuing in this area. Finally, Section VI summarizes the major installations in which the Air Force has real property interests. These installations are also categorized by IDPPC and arranged (1) alphabetically by State/Country; (2) by total personnel; and (3) by total land area.

It is emphasized that the IDPPC classification system considers only one "primary" mission at multi-mission installations. At installations where more than one significant mission exists, a subjective determination of the "primary" mission of that installation was made.

II. BASE STRUCTURE OVERVIEW

The base posture of the Air Force exists to support the assigned forces. Since forces are a dynamic element, the base posture is also dynamic. As forces change, base requirements change, and as a result realignments in the base posture are required. The major considerations and criteria used to determine base realignments must insure that the action selected from the available alternatives best meets the various operational, geographic, facility, environmental and economic parameters and is the most consistent with the overall mission requirements of the Air Force.

The Air Force has sought to maintain an optimum base structure to support the currently assigned and projected forces. As force levels and overseas deployments have reduced during the last several years, the number of Air Force bases has also reduced. This trend can be readily seen in the table below.

AIR FORCE REAL PROPERTY* & PERSONNEL STRENGTH

FISCAL YEAR	CONUS LOCATIONS	FOREIGN LOCATIONS	TOTAL LOCATIONS	PERSONNEL
1968	2760	734	3494	1,260,313
1969	2661	756	3417	1,211,325
1970	2546	719	3265	1,118,744
1971	2381	690	3071	1,067,678
1972	2308	662	2970	1,025,187
1973	2293	635	2928	978,539
1974	2246	601	2847	933,207
1975	2231	597	2828	890,529
1976	2191	574	2765	846,899

For example, during the past several years the Strategic Defensive forces of the Aerospace Defense Command have undergone extensive realignment and reorganization. This was the result of a phased modernization of the air defense system which incorporated numerous technological advances and improved operational concepts. The reorganization also integrated Air Force command/control facilities with those of the Federal Aviation Administration's National Aerospace System.

* Real property includes land and interests therein, leaseholds, buildings, structures, improvements and appurtenances thereto, warehouses, rights of way, and easements whether temporary or permanent, and permanently attached improvements. There may or may not be personnel assigned to these locations.

A significant reduction in the number of strategic defensive aircraft has also occurred, thereby reducing the overall basing requirements. The number of strategic offensive aircraft has been reduced and some Strategic Air Command KC-135 tankers have been transferred to the Air Reserve Forces.

In recent years the need for pilot training has decreased permitting the closure of two pilot training bases and conversion of another base to tactical use. This more closely aligned training capacity with requirements.

In the late 1960s, the Air Force reduced logistics support bases when the number of major depots were reduced from nine to five.

A number of actions have occurred in the Air Force research and development support structure since FY 1968. These consist primarily of realignment of certain mission functions, consolidating test and evaluation support activities, and the restructuring of Air Force Systems Command technology base laboratories. The disestablishment in 1976 of the Air Force Special Weapons Center at Kirtland AFB, NM, is one example of these actions.

Air Force functions have also been consolidated under other agencies. For example, in 1972 the Air Force Aeronautical Chart and Information Center was consolidated with similar functions from other military departments under the Defense Mapping Agency.

Since FY 1968 a significant reduction in the overseas base structure has also occurred. The majority of these base reductions were the result of withdrawals from Southeast Asia; however, reduction of forces in Korea, Japan, and other locations also reduced the overseas base requirements. When Air Force base requirements are evaluated, the most effective installations are selected for retention based upon specific considerations and criteria. The reduction in the Air Force real property inventory has been the result of a continual evaluation of the forces' base requirements.

MAJOR CONSIDERATIONS AND CRITERIA: In determining the effectiveness of an installation, several major considerations are germane. First is the need to provide installations which meet the various operational and training requirements of assigned forces. Second, there is the need to provide bases to support the force deployments envisioned in the United States strategy. Third is the policy that multi-mission bases, i.e., those at which more than one

major type of force (strategic, logistical, airlift, etc.) are stationed, will be used to the maximum extent possible. Fourth, the base posture should retain the flexibility to beddown the force when unprogrammed changes occur.

The above considerations have evolved into broad criteria which are used by the Air Force in developing and evaluating base realignment actions. These are: geographic location; facility availability and condition; community support available for Air Force activities/ population; potential to accommodate future force requirements; existing or future encroachment which might impact Air Force operations; budgeting considerations inherent in the proposed realignment action; possible adverse environmental impact; and mission degradation as a result of force turbulence.

In developing realignment actions, the major considerations and criteria have to be evaluated for each proposal in total, as opposed to handling each as an independent action, with the goal of achieving an optimum balance. A discussion of the four major considerations and the resultant criteria is provided below.

MAJOR CONSIDERATIONS:

Operational and Training Requirements: Since the Air Force base posture exists to support the mission of the assigned forces, the ability of each base to meet the unique operational and training requirements of the assigned force is of paramount importance. Each force element, such as strategic offense, tactical fighter, strategic airlift, etc., has its own peculiarities in terms of mission and training which manifests itself in terms of airspace, range requirements, deployment and employment routes, availability of lines of communications, survivability, facility requirements, etc.

The current base posture reflects a force beddown in which the forces' operational and training requirements are best supported. Realignment of forces can make alterations of the base posture necessary; however, the resulting beddown must, to the extent possible, enhance the ability of the force to meet its unique operational and training requirements. These requirements will be summarized in Section III under the appropriate Installation Defense Planning and Programming Category (IDPPC).

Force Deployment: The force structure of the Air Force is based on the national strategy. This strategy determines potential areas in which forces would be used and determines which forces would be deployed or employed from the CONUS. This strategy then serves to determine how many and what kind of bases are needed overseas and in the CONUS.

Use of Multi-Mission Bases: A major expense of each installation is the cost of resources required to "open the door", i.e., the basic number of facilities, manpower, and materiel needed to support any assigned mission. This base operating and support force, however, does not increase in a direct proportion to a growth in assigned base missions. Addition of new missions to an existing base results in significantly less base operating and support resources than does establishing a new base or retaining and operating a single-mission installation which is not limited by geographic or other requirements. Therefore, when missions are compatible and facilities available or obtainable, it is cost-advantageous to develop multi-mission bases. This is particularly true when one of the missions is of a support nature such as research and development and the other is operational such as tactical fighter, strategic bomber, etc. Additionally, missions which have a relatively small number of personnel or equipment are most economically accommodated on bases which have other major missions.

Although multi-mission bases are economical, the compatibility of missions must be given prime consideration. Some missions, such as pilot training, do not lend themselves to certain multi-mission installations. Additionally, the more missions assigned to an installation the greater the difficulty in closing the installation if a major mission at the base is reduced. In this sense, multi-mission bases may inhibit future flexibility in restructuring the overall base posture.

Future Flexibility: Base realignment actions which result in base closures or contribute to the maximum utilization of an installation, especially Air Force bases which contain a relatively small amount of land, can result in a limiting of future flexibility to meet various programmed and unprogrammed force adjustments. Therefore, the selection of bases to be closed should, to the extent possible, result in closure of the least flexible bases. If flexibility were the sole determinant, bases which have constraints in the nature of airspace, encroachment of civilian activities, single missions, limited real estate,

poor community support facilities, poor physical facilities, etc., should logically be considered for closure prior to bases which have the potential to accommodate additional or new missions.

CRITERIA:

Geographic Location: The geographic location of an installation influences the ability of assigned forces to execute their mission. These geographic factors include weather, availability of training areas, proximity to employment/deployment routes, survivability, airspace availability, transportation networks, etc. For each mission there are optimum geographic locations which provide maximum operational effectiveness. These locations should be used in selecting bases to beddown missions and will be discussed further in Section III.

Facility Availability: Maximum practical utilization of existing government facilities with minimum expenditures for new facilities should be a primary goal in realignment actions. This includes mission related facilities as well as support facilities. For example, if the unit is an operational flying activity, the runway complex (number, width, length, load bearing capacity), capacity of the aircraft parking ramp, and a maintenance complex capable of supporting the assigned aircraft (e.g., proper size docks and hangars, sufficient communications-electronics and avionics maintenance space, etc.) are of major concern in evaluating the proposed action. Conversely, for administrative and headquarters activities, the proper amount of administrative space is essential. For training activities, classroom and student housing are key factors. For all actions availability of housing (bachelor and family) for any increase in population is a significant element.

Certain unique facility requirements are generated by intelligence, communications, logistical, and research and development activities. Relocation to installations which do not have facilities available to accommodate these functions may not be feasible due to the cost of new facilities. Also, due to mission requirements, these facilities must often be duplicated and in being prior to shutting down the current activity. This can often be expensive in terms of delay in savings to be realized as well as redundance in equipment and facilities. Similar circumstances exist in relocating other missions

such as strategic airlift which requires large terminal complexes to receive and process cargo.

Requirements for small missions may generally be provided with only minor modification. This is particularly true if the unit's equipment consists of small aircraft or if no aircraft are assigned. Requirements for administrative space can be met in various ways such as conversion of excess space in other functional areas. Additionally, the overall condition of the real property facilities at the base is an important element in the selection process. Often, if an activity is housed on an installation which has a great deal of substandard deteriorated facilities - both prime mission as well as support - then relocation to a base with permanent facilities may be most effective even if certain facility criteria cannot be initially met. Over a period of time, provision of a few additional facilities would prove economically beneficial as opposed to providing a large number of expensive replacement facilities at the previous base, as well as continuing the base operating support costs for both bases.

An additional facility consideration is the extent a base's facilities support other installations in the area. For example, if a base provides hospital, housing, and other support facilities for surrounding installations, then it may not be possible to completely close the base. As a result, savings from the realignment may be significantly less than at a base where all activities can be shut down and facilities declared excess.

Community Support: Civilian support resources (e.g., community housing, medical, schools, and recreational facilities) are a consideration in developing base realignment actions. When possible, base realignment actions should take maximum advantage of already developed civilian resources which can be used to support the assigned personnel. Of particular importance is family housing. Areas which have residual capability to adequately house Air Force families will negate the cost of providing government housing and facilitate rapid completion of the proposed action. Conversely, areas in which community support facilities are limited place an increasing degree of importance on the base facilities. Adequate support should exist on or off a gaining base to avoid a realignment action being counter productive in terms of personnel morale. Since personnel support capability on our installations is limited, the contribution of the civilian community in this area is very important.

Potential: Since the future forces cannot be predicted with certainty and are subject to unprogrammed changes, flexibility to accommodate these changes within the base posture should be preserved when possible and economical. This entails developing reasonable assumptions on what unprogrammed force changes might occur and determining how the various basing options could support the assumed force changes. However, flexibility is difficult to quantify and, as a result, tends to be a subjective consideration. There are some instances though which do lend themselves to objective analysis. For example, pilot production capacity at each Undergraduate Pilot Training base can be determined. Based on the required levels of pilot production, the degree of flexibility (unused production capacity) within the system can be determined and the degree that the system can meet increases can be calculated. As a result, the degree of flexibility in the system can be predicted and controlled. Similarly, workload versus base capacity can be determined for other training activities and depot activities.

Unfortunately, the degree of flexibility of the base systems to meet other program changes not the result of clear cut workloads is difficult to determine. For example, the flexibility of the base system to accommodate tactical units in the CONUS currently deployed overseas depends on many variables such as type of unit, activity levels of the unit, if they are to be retained as active duty forces or as reserve forces, etc. In these instances the underlying assumptions are subjective and the requirement for flexibility is also subjective. Notwithstanding the subjectivity, it is important that base realignment alternatives be weighed in terms of their potential to meet unprogrammed force changes.

Encroachment: Urban and airspace encroachment into vital areas surrounding installations is of continuing concern. Some installations which were originally remote have attracted major population growth and, as a result, continued air operations have been threatened through urban expansion. The potential for midair collisions must be considered for basing programs. To the extent possible, basing actions must avoid aggravating potential midair collision conditions. The increased civil and private air activity has served to restrict the airspace available for military operations. Encroachment, therefore, is an element in determining the future viability of an installation and is a consideration in determining base realignment actions.

A program (Air Installation Compatible Use Zone - AICUZ) to protect installations from encroachment is in progress. This program inputs planning data into the intergovernmental/interagency forum for implementation through various means including comprehensive planning, zoning, real property rights, acquisitions, construction practices, etc. Encroachment has been stopped or slowed at a number of installations under this program. However, where encroachment has become a major problem, its impact must be considered during development of base realignment actions.

Budget: High-cost, single-mission installations with limited real estate and outmoded, old, functionally inefficient facilities are prime candidates for closure. Significant annual savings result from the closure of such bases. However, the relative cost effectiveness of retaining installations is also a major factor in determining base realignments. Consolidation of missions on a single multi-mission installation which allows a base closure generally results in significant annual savings. These savings are offset in some instances by the required investment, particularly in facilities needed to consolidate. In evaluating the budget implication of base realignments, it is necessary that initial and annual savings be weighed against the one-time construction and movement costs of the various options. Consideration should be given to consolidations which minimize the investment in new facilities while maximizing the annual savings. In general, large outlays in construction or equipment funds are not feasible and options which depend on such outlays should be avoided unless no other viable alternative exists.

Environment: All proposed major federal actions must be analyzed to determine if any of the activities associated with the action will cause a significant impact on the human environment or precipitate public controversy on environmental issues. Based upon this analysis a "negative determination" is made or an environmental impact statement is prepared, filed with the President's Council on Environmental Quality, and circulated for government agency and public comment. These comments are incorporated into a final Environmental Impact Statement which is used as an aid in decision making.

Mission Degradation: Realignment actions, by their very nature, result in turbulence both in personnel and in mission output. The degree of turbulence is a consideration if the resulting mission degradation is of such a

proportion as to be significant. Certain activities cannot be allowed to "stand down" and, as a result, realignments of these activities require in being capability at the new location. Also, work force composition is a consideration in that a highly specialized or unique work force of civilians may not facilitate relocation. These factors should be considered in evaluating realignment actions.

III. RELATIONSHIP OF AIR FORCE BASE STRUCTURE TO FORCE STRUCTURE

Base programming is dynamic and subject to many variables and revisions. Changes occur in response to altered assessments of the existing threat, force level and composition changes, revised deployment concepts and policies, the continuing impact of resource management efforts, and from national political adjustments. Each change reverberates through the force and causes additional base adjustments in training and logistical support areas. Any attempt to define the base structure can proceed only with an understanding that the structure may be defined solely within the context of existing circumstances. A substantial change in these circumstances, e.g., a decision to reduce overseas forces, will require adjustments in the existing base structure. Timing of the introduction or expansion of a weapon system also influences base selection, as do changes in force size and deployment concepts. Base requirements for USAF weapon and support systems vary greatly due to differing weapon characteristics and operational, support, and training requirements.

The attainment and maintenance of an operational posture which will insure national security and the support of international commitments has been and remains the prime objective of Air Force deployments. The development and utilization of bases which optimize weapon employment and combat support capabilities, provide for training requirements, enable related test and development activities and provide for adequate personnel, logistical and communications support represent corollary goals. A further objective of considerable emphasis within the USAF is the attainment of maximum economies in the base support area, thereby enabling a greater proportion of the defense dollar to be expended for direct combat capability.

Since each mission category has its own unique operational and training requirements which dictate the Air Force base structure, they will be discussed separately. The specific bases falling into each mission category, generally referred to as the Installation Defense Planning and Programming Category (IDPPC), are listed in Section VI.

Strategic Forces (100)

- Basing Requirements

In the basing of strategic offensive forces, careful consideration is given to geographic locations which maximize the survivability of the force. For example, ICBM's require a sufficient area for adequate dispersal of launch sites. If submarine launched missiles are postulated to be the most critical threat against bombers and tankers, inland bases provide the greatest survivability due to the longer flight time of the missiles. However, this does not imply only inland bases should be considered for strategic offensive forces. Consideration of factors such as the inability of the runway complex to support strategic operations, lack of needed large maintenance facilities to house strategic bombers and tankers, poor quantity and quality of personnel support facilities, and lack of munitions storage capability may negate the use of an existing inland base for a strategic force main operating base and dictate continual use of coastal bases where these facilities are available. In this case, survivability can be achieved through reposturing and dispersal to achieve the needed time to safely launch the force.

Other operational requirements such as targeting, ranging, and mating must be considered when determining force beddown locations. Lateral support supplied to other commands, e.g., tactical aircraft contingency and overseas deployment refueling requirements, is also a necessary consideration. In addition, the availability of a small portion of overseas bases is desirable to optimize strategic operational effectiveness.

For strategic defensive systems, factors such as enemy weapon system performance, likely targets, and routes of attack are considered in basing decisions. Related to these, there must be an assessment of warning time available, speed of reaction, and the probable time to intercept, identify, and destroy the enemy vehicle. After consideration of all factors involved, a determination is made of the most effective deployment areas. Generally, this analysis will dictate a peripheral coverage of the Continental United States.

- Major Force Structure Changes and Their Impact on Base Structure

The Air Force should complete the transfer of 128 KC-135 aircraft from the active force to the Air Reserve Force during FY 1978. Because of reductions in the strategic force requirements and the direction to reduce base operating support costs in the near term, the Air Force closed Kincheloe AFB, MI in FY 1977. There are no major changes programmed for either the strategic offensive or defensive forces during FY 1979.

General Purpose Forces (200)

- Basing Requirements

The operational and training requirements for the general purpose forces are also unique. Accessibility of weapons ranges (air-to-air and air-to-ground) and supersonic airspace for certain types of missions; plus sufficient airspace to allow for extensive operational training flight maneuvers such as formation flying, are essential to tactical fighter aircraft. The maximum possible "good weather" days to facilitate operational flight training under visual conditions is also necessary. Training facility requirements in the CONUS are extensive due to mission and equipment complexities and the requirement to provide individual training for both CONUS and overseas tactical forces. For tactical reconnaissance missions, peacetime tasks (e.g., training support of other forces) are considered in defining base locations. Airlift forces should be located adjacent to transportation and supply terminals to the maximum extent possible. East and west coast terminals within the CONUS are essential to maximize transoceanic payload capabilities. A consideration of tactical airlift basing is to locate some tactical airlift forces with or in proximity to Army airborne units to enable their efficient support. Proximity to assault landing strips and drop zones is also essential for training of tactical airlift forces. For Air Reserve Force basing an area which can provide an adequate recruitment base is also considered in the determination of the location.

General purpose forces overseas are based according to strategic, tactical, and security policy considerations in addition to customary CONUS basing criteria.

Each base must be capable of efficient peacetime operation as well as accommodation of the mission requirements it must support in a combat or contingency situation. Each type of mission has its own particular basing requirements according to current strategies and contingency plans, and the need for combat dispersal must be considered as well. The overseas base structure must be capable of responding to changing tactical and strategic situations, and a certain degree of flexibility and standby base expansion capability must be maintained. The high dependence of the overseas base structure on the cooperation of host governments requires continued awareness of basing requirements in the context of overall international security policy.

- Major Force Structure Changes and Their Impact on Base Structure

The continuing acquisition of F-15 and A-10 aircraft coupled with the introduction of the F-16 will enable the USAF to continue modernization of the tactical fighter force during FY 1978 and FY 1979. Holloman AFB, NM will convert from F-4s to F-15s in FY 1978. Also in FY 1978, Myrtle Beach AFB, SC, will complete its conversion from A-7s to A-10s and A-7s will be transferred from the active force to Air National Guard units at Tulsa, OK, and Springfield, OH. During FY 1979, the following assets will be transfered to the Air Reserve Forces: A-7's to Selfridge AGB, MI, and Toledo OH; A-10's to Barnes MPT, MA and Bradley IAP, CT; F-4's to Lambert Fld, MO, Ft.Wayne, IN, New Orleans, LA, Kelly AFB, TX, Ft. Smith, AR; Hulman Fld, IN, and Homestead AFB (AFR) FL; RF-4's to Key Field, MS, and F-105G's to Dobbins AFB (ANG) GA. Eglin AFB, FL, will convert from F-4s to F-15s in FY 1979 and RAF Bentwaters/Woodbridge, UK, will convert from F-4s to A-10s beginning in FY 1979. The building of E-3A aircraft at Tinker AFB, OK will continue through FY 1979.

Auxiliary Forces (300)

- Basing Requirements

The Air Force Systems Command (AFSC) is responsible for the research, development, production, and procurement actions required to acquire complete aerospace weapons and support systems needed to accomplish the Air Force mission. The command delivers complete, timely, and operable systems to using commands such as Strategic Air Command, Tactical Air Command, and Military Airlift Command. To accomplish its mission, AFSC requires extensive complexes of test facilities for aircraft, missiles, and associated hardware, to include runways, large areas of restricted airspace, numerous range and tracking facilities, and access to environmental testing facilities. Facilities for the administration

of test programs and the correlation of basic and applied research during weapons development are also required.

The mission of Air Force Communications Service (AFCS) is to provide Air Force and Department of Defense service in communications, electronic and engineering installation, and air traffic control. For this tasking, the Air Force Communications Service requires facilities which permit ready access and interconnection with related commercial facilities. Other locations in relatively remote areas act as communications links and as intelligence gathering sites.

- Major Force Structure Changes and Their Impact on Base Structure

Air Force Communications Service Headquarters moved from Richards-Gebaur AFB, MO, to Scott AFB, IL in FY 1978. The Air Force is examining the possibility of providing significant support for residual activities at Richards-Gebaur with contract services.

Mission Support Forces (400)

- Basing Requirements

Extensive administrative facilities are required to enable administrative functions to properly manage Air Force equipment and personnel. Other locations are required by medium range aircraft to be used as refueling stops on transoceanic flights. These installations require runways of sufficient length and weight bearing capacities to support the transient aircraft and must have adequate housing available for transient personnel.

- Major Force Structure Changes and Their Impact on Base Structure

There are no major force changes planned in FY 1979.

Central Support Forces (500)

- Basing Requirements

Air Force Logistics Command (AFLC) is to provide responsive, effective, and economical logistic support to meet the wide variety of missions assigned to the United States Air Force.

To accomplish these tasks effectively, supply installations must be adjacent to transportation network terminals and facilities to enable rapid logistic support. Extensive warehousing and open storage areas, plus facilities for automated requisitioning, procurement, and associated data storage activities are essential.

The location of flying activities within areas of favorable flying weather and adjacent to unrestricted areas of airspace is essential for undergraduate pilot training (UPT) bases. Parallel runways (ideally three) are also required at main training bases, with auxiliary fields within a short distance from the main base.

Air University, along with Air Training Command, requires the availability of extensive classroom, library, and study facilities. Secure training facilities are required where a principal mission is security training. Extensive medical facilities are required at bases where a primary function is medical support.

- Major Force Structure Changes and Their Impact on Base Structure

The recent closure of Craig AFB, AL, and Webb AFB, TX, more closely aligned pilot training base capacity and requirements. Both bases are presently in caretaker status awaiting completion of excessing actions.

Individual (600)

The Air Force has no major installations falling into this IDPPC.

IV. BASE OPERATIONS COSTS FOR FY 79

Table X depicts the estimated FY 1979 cost ($ million) for Air Force Base Operating Support.

The definition of base operating costs has recently been revised. An assessment of the impact on the existing accounting system is underway. The accounting system is not now capable of accumulating costs in accordance with the new definition; therefore, these costs have been collected in accordance with the prior definition of base operatings costs, and modified insofar as the existing accounting system permits. The primary modifications are the inclusion of commissary, military family housing, and construction costs.

Base operations costs identified in this section are not limited to those major installations described in Section VI, but include all Air Force installations.

Users are cautioned that military family housing and military construction costs vary among bases for different reasons than do the recurring costs included here. Therefore, base operations costs defined as these are, would not be suitable for comparisons among bases.

TABLE X

MAJOR DEFENSE PROGRAMS

USAF BASE OPERATIONS COSTS ($ MILLIONS)

Major Defense Programs	Fifty States	US Territories & Possessions	Foreign Overseas Areas	Total
Strategic (01)	1,177	39	80	1,296
General Purposes (02)	610	-	1,042	1,652
Intell & Comm (03)	36	-	43	79
Air/Sealift (04)	497	-	27	524
Guard & Reserve (05)	153	-	-	153
Research & Develop (06)	247	-	-	247
Cent Supply & Maint. (07)	462	-	-	462
Trng, Med & Other Pers (08)	741	9	185	935
Admin & Assoc. (09)	36	-	25	61
Spt of Other Nations (10)	-	-	-	-
TOTAL AF	3,959	48	1,402	5,409

Program 8 includes military family housing costs.

All Air Force military construction costs are included.

V. ACTIONS TO REDUCE ANNUAL BASE OPERATIONS COSTS

Reductions in pilot training requirements resulted in the closure of Craig AFB, AL, and Webb AFB, TX, in FY 1977. These bases are presently in caretaker status awaiting completion of excessing actions.

Headquarters AFCS moved from Richards-Gebaur AFB, MO, to Scott AFB, IL, in FY 1978. This results in better utilization of available facilities at Scott AFB and reduces Base Operating Support (BOS) costs at Richards-Gebaur. The Air Force is examining the possibility of providing significant support for residual activities at Richards-Gebaur with contract services.

The Air Force recently adjusted the B-52 force and should transfer 128 KC-135 aircraft to the Air Reserve Forces by end FY 1978. As a result of these actions and the direction to reduce base operating support costs in the near term, Kincheloe AFB, MI was closed in FY 1977.

Several alternatives exist for reduction of BOS costs. Closing or reducing operations at installations reduce BOS costs. Reductions in BOS costs can be made through contracting for certain functions where cost effective. Increased productivity realized through automation, other technological advancements, and management initiatives may also reduce costs.

The Air Force is continually making efforts to reduce BOS costs at USAF installations worldwide. For example, since 1964 the Air Force has reduced the number of its major installations by more than one-third. As a result of the triennial functional review program, approximately 66 in-service cost studies are scheduled during FY 1979 which could result in in-service to contract conversions involving about 6000 military and civilian authorizations. In each case it has been determined that military incumbency is not essential to meet wartime needs or other military requirements.

Periodically, interdisciplinary study groups with memberships drawn from a broad spectrum of Air Force personnel have been tasked to explore initiatives necessary to insure that base level functions are able to sustain effective combat capability at lower costs. Factors such as air and ground encroachment, force modernization, and reductions in military personnel have stimulated a continuous evaluation to find the most feasible base utilization program that can be reasonably attained within the available resources. To date, the Air Force has made significant reductions in BOS costs and is continually searching for means to reduce BOS costs even further without degrading mission effectiveness.

SECTION VI

AIR FORCE BASE STRUCTURE

This section includes the major installations in which the Air Force had real property* interests as of end FY 1977. A summary of these installations and their subordinate properties is provided. The installations are categorized (1) alphabetically by state; (2) in descending order by total number of personnel; and (3) in descending order by total land area. The manpower included in this listing is the sum total of Air Force and other services permanent party personnel, Air Reserve Forces technicians, and contract man-year equivalents. The land area associated with an installation reflects the acreage of the major installation only, and does not include subordinate or other associated real property interests.

* Real property includes land and interests therein, leaseholds, buildings, structures, improvements and appurtenances thereto, warehouses, rights of way, and easements whether temporary or permanent, and permanently attached improvements.

TABLE XI

SUMMARY OF NUMBER OF AIR FORCE INSTALLATIONS, ACTIVITIES AND PROPERTIES*

Mission Category (IDPPC)	Fifty States		US Territories and Possessions		Foreign Overseas Areas		Total	
	Act	Inact	Act	Inact	Act	Inact	Act	Inact
STRATEGIC FORCES								
- Strategic (101)	31		1				32	
- Guard & Reserve (105)	1						1	
- Research & Develop. (106)	1						1	
GENERAL PURPOSE FORCES								
- General Purpose (202)	32				20		52	
- Intell. & Comm. (203)	1						1	
- Airlift/Sealift (204)	11				3		14	
- Guard & Reserve (205)	9						9	
AUXILIARY FORCES								
- Intell. & Comm. (303)	2						2	
- Research & Develop. (306)	6						6	
- Central Supply & Maint (307)	1						1	
MISSION SUPPORT FORCES								
- Strategic (401)	1						1	
- General Purpose (402)	1		1		1		3	
- Airlift/Sealift (404)					1		1	
CENTRAL SUPPORT FORCES								
- Central Supply & Maint (507)	7						7	
- Training, Medical, & Other Personnel (508)	25						25	
- Administration (509)	1						1	
	130		2		25		157	

* This summary includes all major USAF installations and their associated properties as of end FY 1977 with the exception of Keflavik NYI, Iceland and New Orleans NAS, LA which are operated by the Navy.

LIST OF ABBREVIATIONS

AAF	-	Auxiliary Air Field
AB	-	Air Base
ADCOM	-	Aerospace Defense Command
AFB	-	Air Force Base
AFR	-	Air Force Reserve
AFS	-	Air Force Station
ANG	-	Air National Guard
CMD	-	Command
CONUS	-	Continental United States
HQ	-	Headquarters
IAP	-	International Airport
NAS	-	Naval Air Station
NYI	-	Naval Installation
RAF	-	Royal Air Force
Rg	-	Region
SAGE	-	Semi-Automatic Ground Environment
Sq	-	Squadron
Wg	-	Wing
WRG	-	Weapons Range

SECTION VI

PART 1 AIR FORCE

Base Structure Listing by IDPPC Category, by State; Territories and Possessions and Foreign Areas

AIR FORCE BASE STRUCTURE

STRATEGIC FORCES

FIFTY STATES

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
STRATEGIC (101)				
Elmendorf AFB, Anchorage	AK	7,658	13,130	21 Composite Wing
Blair Lake WRG, Fairbanks	AK		33,964	Alaskan ADCOM Rg Range
Eielson AFB, North Pole	AK	2,908	19,790	6 Strategic Wing
Blytheville AFB, Blytheville	AR	2,961	3,734	97 Bombardment Wing
Castle AFB, Atwater	CA	6,231	3,075	93 Bombardment Wing
Beale AFB, Marysville	CA	4,862	22,944	9 Strategic Recon Wing
March AFB, Riverside	CA	5,137	7,147	22 Bombardment Wing
Tyndall AFB, Springfield	FL	4,880	28,824	Air Defense Weapons Center
Grissom AFB, Bunker Hill	IN	3,116	3,022	305 Air Refueling Wing
McConnell AFB, Wichita	KS	4,497	3,035	381 Strategic Missile Wing
Barksdale AFB, Bossier City	LA	6,729	22,361	2 Bombardment Wing
Loring AFB, Limestone	ME	4,056	8,703	42 Bombardment Wing
K I Sawyer AFB, Gwinn	MI	4,096	6,355	410 Bombardment Wing
Wurtsmith AFB, Oscoda	MI	3,185	5,205	379 Bombardment Wing
Duluth IAP, Duluth	MN	1,826	933	23 Air Defense SAGE Division
Whiteman AFB, Knob Noster	MO	3,581	9,226	351 Strategic Missile Wing
Malmstrom AFB, Great Falls	MT	5,539	3,596	341 Strategic Missile Wing

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
STRATEGIC (101) (continued)				
Offutt AFB, Bellevue	NE	13,835	1,915	55 Strategic Recon Wing 2 Airborne Command & Control Squadron Strategic Air Command HQ
Pease AFB, Newington	NH	4,060	4,364	509 Bombardment Wing
Hancock Field, North Syracuse	NY	1,314	1,139	21 Air Defense SAGE Division
Plattsburgh AFB, Plattsburgh	NY	4,362	4,610	380 Bombardment Wing
Griffiss AFB, Rome	NY	6,891	3,888	416 Bombardment Wing
Grand Forks AFB, Emerado	ND	5,590	5,315	321 Strategic Missile Wing 319 Bombardment Wing
Minot AFB, Minot	ND	6,038	5,382	91 Strategic Missile Wing 5 Bombardment Wing
Rickenbacker AFB, Lockbourne	OH	4,001	4,343	301 Air Refueling Wing
Ellsworth AFB, Box Elder	SD	6,728	5,688	28 Bombardment Wing 44 Strategic Missile Wing
Dyess AFB, Abilene	TX	5,317	6,072	96 Bombardment Wing
Carswell AFB, Fort Worth	TX	5,485	2,751	7 Bombardment Wing
Fort Lee AFS, Petersburg	VA	576	33	20 Air Defense SAGE Division
Fairchild AFB, Airway Heights	WA	4,805	5,365	92 Bombardment Wing
Francis E. Warren AFB, Cheyenne	WY	4,149	5,868	90 Strategic Missile Wing

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GUARD AND RESERVE (105)				
Selfridge ANG Base, Mt Clemens	MI	1,121	3,629	191 Fighter Interceptor Group
RESEARCH AND DEVELOPMENT (106)				
Vandenberg AFB, Lompoc	CA	6,292	98,364	Space/Missile Test Center

AIR FORCE BASE STRUCTURE

STRATEGIC FORCES

US TERRITORIES AND POSSESSIONS

Installation/City	Area	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
STRATEGIC (101)				
Andersen AFB, Agana	Guam	4,313	11,083	43 Strategic Wing

AIR FORCE BASE STRUCTURE

GENERAL PURPOSE FORCES

FIFTY STATES

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
Luke AFB, Litchfield Park	AZ	6,772	4,197	58 Tactical Training Wing
Gila Bend AAF, Gila Bend	AZ	403	1,886	Auxiliary
Luke Weapons Range, Gila Bend	AZ		2,673,467	Range
Luke 01 AAF, Wittman	AZ		1,109	Auxiliary
Davis-Monthan AFB, Tucson	AZ	7,719	11,149	355 Tactical Fighter Wing
Sahuarita WRG, Sahuarita	AZ		2,595	Range
George AFB, Adelanto	CA	5,307	5,347	35 Tactical Fighter Wing
Cuddeback Lake WRG, Johannesburg	CA		7,584	Range
Homestead AFB, Homestead	FL	8,245	3,346	31 Tactical Fighter Wing
Eglin 09/Hurlburt AAF, Mary Esther	FL	3,395	1,093	1 Special Operations Wing
MacDill AFB, Tampa	FL	6,458	5,751	56 Tactical Fighter Wing
Avon Park AAF, Avon Park	FL		5,181	Auxiliary
Avon Park WRG, Avon Park	FL	253	101,029	Range
Moody AFB, Valdosta	GA	3,383	5,529	347 Tactical Fighter Wing
Wheeler AFB, Wahiawa	HI	1,766	1,391	22 Tactical Air Support Squadron
Mountain Home AFB, Mountain Home	ID	4,934	6,682	366 Tactical Fighter Wing
Saylor Creek WRG, Bruneau	ID		111,414	Range

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (continued)				
England AFB, Alexandria	LA	3,460	2,409	23 Tactical Fighter Wing
Claiborne WRG, Forest Hill	LA		25,972	Range
Nellis AFB, Las Vegas	NV	8,562	11,272	474 Tactical Fighter Wing USAF Tactical Fighter Weapons Center
Indian Springs AAF, Indian Springs	NV	240	1,692	Auxiliary
Nellis WRG, Indian Springs	NV		3,001,907	Range
Holloman AFB, Alamogordo	NM	7,435	50,694	49 Tactical Fighter Wing
Cannon AFB, Clovis	NM	4,754	4,475	27 Tactical Fighter Wing
Melrose WRG, Melrose	NM		22,087	Range
Seymour Johnson AFB, Goldsboro	NC	5,831	4,145	4 Tactical Fighter Wing
Dare County WRG, Stumpy Point	NC	27	46,652	Range
Myrtle Beach AFB, Myrtle Beach	SC	3,571	4,006	354 Tactical Fighter Wing
Poinsett WRG, Wedgefield	SC		8,039	Range
Shaw AFB, Sumter	SC	6,479	3,271	363 Tactical Recon Wing
Bergstrom AFB, Austin	TX	5,478	3,817	67 Tactical Recon Wing
Langley AFB, Hampton	VA	10,410	3,141	1 Tactical Fighter Wing Tactical Air Command HQ
INTELLIGENCE & COMMUNICATIONS (203)				
Kirtland AFB, Albuquerque	NM	10,411	46,389	1550 Aircrew Training Test Wing
AIRLIFT/SEALIFT (204)				
Little Rock AFB, Jacksonville	AR	7,225	6,657	314 Tactical Airlift Wing
Travis AFB, Fairfield	CA	11,710	6,169	60 Military Airlift Wing
Norton AFB, San Bernardino	CA	9,088	2,343	63 Military Airlift Wing

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
AIRLIFT/SEALIFT (204) (continued)				
Dover AFB, Dover	DE	6,600	3,597	436 Military Airlift Wing
Scott AFB, Shiloh	IL	16,671	2,863	375 Aeromedical Airlift Wing
Andrews AFB, Camp Springs	MD	9,977	4,869	89 Military Airlift Group
McGuire AFB, Wrightstown	NJ	7,263	3,552	438 Military Airlift Wing
Pope AFB, Springlake	NC	3,972	1,738	317 Tactical Airlift Wing
Altus AFB, Altus	OK	4,310	3,393	443 Military Airlift Training Wing
Charleston AFB, Charleston	SC	5,736	3,772	437 Military Airlift Wing
McChord AFB, Tacoma	WA	6,709	4,616	62 Military Airlift Wing
GUARD AND RESERVE (205)		1/		
Dobbins AFB, Marietta	GA	745	2,214	94 Tactical Airlift Wing (AFR)
Chicago-O'Hare IAP, Park Ridge	IL	426	391	928 Tactical Airlift Group (AFR)
Westover AFB, Chicopee	MA	941	3,512	439 Tactical Airlift Wing (AFR)
Minneapolis-St Paul IAP, Minneapolis	MN	387	275	934 Tactical Airlift Group (AFR)
Niagara Falls IAP, Niagara Falls	NY	368	980	914 Tactical Airlift Group (AFR)
Youngstown Municipal Airport, Vienna	OH	293	667	910 Tactical Fighter Group (AFR)
Greater Pittsburgh IAP, Coraopolis	PA	425	346	911 Tactical Airlift Group (AFR)
Willow Grove Air Reserve Facility, Hatboro*	PA	257	162	913 Tactical Airlift Group (AFR)
Gen Billy Mitchell Field, Milwaukee	WI	338	101	440 Tactical Airlift Wing (AFR)

* AFR is the Air Force host on Willow Grove NAS, a Navy installation

1/ Source: Sep 1977 USAF Program Manpower & Organization (PM) file (CMDB)

AIR FORCE BASE STRUCTURE

GENERAL PURPOSE FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
RHEINLAND AREA				
Bitburg AB, Bitburg	GE	4,750	1,083	36 Tactical Fighter Wing
Ramstein AB, Landstuhl	GE	10,850	3,032	86 Tactical Fighter Wing
Hahn AB, Lautzenhausen	GE	4,958	1,233	50 Tactical Fighter Wing
Sembach AB, Sembach	GE	3,680	583	601 Tactical Control Wing
Spangdahlem AB, Spang	GE	4,303	1,216	52 Tactical Fighter Wing
Zweibrucken AB, Zweibrucken	GE	2,672	694	26 Tactical Reconnaissance Wing
Aviano AB, Pordenone	Italy	2,144	961	40 Tactical Group
Kadena AB, Koza, Okinawa	Japan	12,495	5,788	18 Tactical Fighter Wing
Kunsan AB, Kunsan	Korea	3,362	2,243	8 Tactical Fighter Wing
Osan AB, Songtan	Korea	5,089	1,539	51 Composite Wing
Camp New Amsterdam AB, Soesterberg	NL	1,272	0	32 Tactical Fighter Squadron
Clark AB, Angeles	PI	11,276	129,706	3 Tactical Fighter Wing
Torrejon AB, Torrejon De Ardoz	Spain	4,934	2,010	401 Tactical Fighter Wing
Zaragoza AB, Zaragoza	Spain	1,828	2,982	406 Tactical Fighter Training Wing
Incirlik AB, Incirlik	Turkey	3,415	3,328	39 Tactical Group

Installation/City	Country	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (continued)				
Alconbury RAF, Alconbury	UK	2,567	1,166	10 Tactical Reconnaissance Wing
Lakenheath RAF, Lakenheath	UK	5,078	1,964	48 Tactical Fighter Wing
Upper Heyford RAF, Upper Heyford	UK	4,355	1,191	20 Tactical Fighter Wing
Bentwaters RAF, Woodbridge	UK	3,932	782	81 Tactical Fighter Wing
Woodbridge RAF, Woodbridge	UK	332	994	78 Tactical Fighter Squadron
AIRLIFT/SEALIFT (204)				
Rhein Main AB, Frankfurt	GE	4,344	808	435 Tactical Airlift Wing
Yokota AB, Tokyo	Japan	6,576	1,751	345 Tactical Airlift Squadron
Mildenhall RAF, Mildenhall	UK	2,730	1,017	513 Tactical Airlift Wing

AIR FORCE BASE STRUCTURE

AUXILIARY FORCES

FIFTY STATES

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
INTELLIGENCE & COMMUNICATIONS (303)				
Shemya AFS, Atka	AK	713	3,520	6 Strategic Wing, Detachment 1
Richards-Gebaur AFB, Belton	MO	2,174	2,419	HQ Air Force Communications Service
RESEARCH AND DEVELOPMENT (306)				
Los Angeles AFS, El Segundo	CA	5,920	98	Space & Missile Systems Organization
Edwards AFB, Rosamond	CA	6,585	300,723	AF Flight Test Center
Coyote Flats Air Strip, Bishop	CA		651	High Altitude Test Landing
Eglin AFB, Valpariso	FL	12,723	460,532	Armament Development/Test Center
Hanscom AFB, Bedford,	MA	4,895	1,277	Electronic Systems Division, AFSC
Arnold Engineering Development Cntr, Manchester	TN	3,299	39,081	Arnold Engineering Development Center

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (307)				
Patrick, AFB, Cocoa Beach	FL	7,466	2,342	AF Eastern Test Range

AIR FORCE BASE STRUCTURE

MISSION SUPPORT FORCES

FIFTY STATES

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
STRATEGIC (401)				
Peterson AFB, Colorado Springs	CO	3,288	1,005	Aerospace Defense Command HQ 46 Aerospace Defense Wing
GENERAL PURPOSE (402)				
Hickam AFB, Honolulu	HI	7,908	2,739	9 Airborne Command and Control Squadron

AIR FORCE BASE STRUCTURE

MISSION SUPPORT FORCES

US TERRITORIES AND POSSESSIONS

Installation/City	Area	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (402)				
Howard AFB, Balboa	CZ	2,328	14,078	USAF Southern Air Division

AIR FORCE BASE STRUCTURE

MISSION SUPPORT FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (402)				
Hellenikon AB, Athens	Greece	2,022	172	7206 Air Base Group
AIRLIFT/SEALIFT (404)				
Lajes Field, Lajes, Azores	PT	2,761	903	1605 Air Base Wing

AIR FORCE BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY AND MAINTENANCE (507)				
McClellan AFB, Sacramento	CA	16,313	2,702	Air Logistics Center
Robins AFB, Warner Robins	GA	19,144	7,628	Air Logistics Center
Wright-Patterson AFB, Fairborn	OH	23,695	8,147	Air Logistics Command HQ
Tinker AFB, Midwest City	OK	21,195	4,033	Air Logistics Center
Kelly AFB, San Antonio	TX	22,721	4,611	Air Logistics Center
Hill AFB, Clearfield	UT	19,705	5,909	Air Logistics Center
Wendover AFR, Wendover	UT		572,588	Range
TRAINING, MEDICAL AND OTHER PERSONNEL (508)				
Gunter AFS, Montgomery	AL	2,322	392	AF Data Systems Design Center
Maxwell AFB, Montgomery	AL	4,192	3,396	Air University
Williams AFB, Chandler	AZ	3,540	4,065	82 Flying Training Wing
Coolidge/Florence Airport, Coolidge	AZ		5	Auxiliary Training Field
Rittenhouse AAF, Rittenhouse	AZ		764	Auxiliary Training Field
Mather AFB, Rancho Cordova	CA	5,316	5,796	323 Flying Training Wing
Lowry AFB, Denver	CO	8,469	1,863	Technical Training Center
USAF Academy, Monument	CO	4,657	18,476	Officer Training
Chanute AFB, Rantoul	IL	4,929	2,125	Technical Training Center
Columbus AFB, Columbus	MS	2,693	4,934	14 Flying Training Wing
Marion County Airport, Hamilton	AL	15	1	Auxiliary Training Field

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
TRAINING, MEDICAL & OTHER PERSONNEL (508)(continued)				
Keesler AFB, Biloxi	MS	8,977	1,610	Technical Training Center
Vance AFB, Enid	OK	2,465	3,061	71 Flying Training Wing
Kegelman AAF, Jet	OK		1,134	Auxiliary Training Field
Laughlin AFB, Del Rio	TX	2,647	4,473	47 Flying Training Wing
Eagle Pass AAF, Quemada	TX		824	Auxiliary Training Field
Reese AFB, Lubbock	TX	2,616	2,720	64 Flying Training Wing
Reese AAF, Brownfield	TX		520	Auxiliary Training Field
Goodfellow AFB, San Angelo	TX	2,185	1,119	6940 Security Wing
Brooks AFB, San Antonio	TX	2,441	1,310	Aerospace Medical Division
Lackland AFB, San Antonio	TX	10,307	2,811	Basic Military School, USAF
Hondo Municipal Airport Hondo	TX		1	Auxiliary Training Field
Randolph AFB, Universal City	TX	7,584	2,667	12 Flying Training Wing Air Training Command HQ
Sequin AAF, Sequin	TX		826	Auxiliary Training Field
Sheppard AFB, Wichita Falls	TX	6,570	5,114	Technical Training Center
ADMIN AND ASSOCIATED (509)				
Bolling AFB, Washington	DC	3,093	604	General Support for HQ USAF

SECTION VI

PART 2 AIR FORCE

Base Structure Listing by IDPPC Category in Descending Order of Number of Personnel

AIR FORCE BASE STRUCTURE

STRATEGIC FORCES

FIFTY STATES

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
STRATEGIC (101)				
Offutt AFB, Bellevue	NE	13,835	1,915	55 Strategic Recon Wing 2 Airborne Command & Control Squadron
Elmendorf AFB, Anchorage	AK	7,658	13,130	21 Composite Wing Alaskan ADCOM Rg
Griffiss AFB, Rome	NY	6,891	3,888	416 Bombardment Wing
Barksdale AFB, Bossier City	LA	6,729	22,361	2 Bombardment Wing
Ellsworth AFB, Box Elder	SD	6,728	5,688	28 Bombardment Wing 44 Strategic Missle Wing
Castle AFB, Atwater	CA	6,231	3,075	93 Bombardment Wing
Minot AFB, Minot	ND	6,038	5,382	91 Strategic Missile Wing 5 Bombardment Wing
Grand Forks AFB, Emerado	ND	5,590	5,315	321 Strategic Missile Wing 319 Bombardment Wing
Malmstrom AFB, Great Falls	MT	5,539	3,596	341 Strategic Missile Wing
Carswell AFB, Fort Worth	TX	5,485	2,751	7 Bombardment Wing
Dyess AFB, Abilene	TX	5,317	6,072	96 Bombardment Wing
March AFB, Riverside	CA	5,137	7,147	22 Bombardment Wing
Tyndall AFB, Springfield	FL	4,880	28,824	Air Defense Weapons Center
Beale AFB, Marysville	CA	4,862	22,944	9 Strategic Recon Wing
Fairchild AFB, Airway Heights	WA	4,805	5,365	92 Bombardment Wing
McConnell AFB, Wichita	KS	4,497	3,035	381 Strategic Missile Wing
Plattsburgh AFB, Plattsburgh	NY	4,362	4,610	380 Bombardment Wing

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
STRATEGIC (101) (continued)				
Francis E. Warren AFB, Cheyenne	WY	4,149	5,868	90 Strategic Missile Wing
K I Sawyer AFB, Gwinn	MI	4,096	6,355	410 Bombardment Wing
Pease AFB, Newington	NH	4,060	4,364	509 Bombardment Wing
Loring AFB, Limestone	ME	4,056	8,703	42 Bombardment Wing
Rickenbacker AFB, Lockbourne	OH	4,001	4,343	301 Air Refueling Wing
Whiteman AFB, Knob Noster	MO	3,581	9,226	351 Strategic Missile Wing
Wurtsmith AFB, Oscoda	MI	3,185	5,205	379 Bombardment Wing
Grissom AFB, Bunker Hill	IN	3,116	3,022	305 Air Refueling Wing
Blytheville AFB, Blytheville	AR	2,961	3,734	97 Bombardment Wing
Eielson AFB, North Pole	AK	2,908	19,790	6 Strategic Wing
Duluth IAP, Duluth	MN	1,826	933	23 Air Defense SAGE Division
Hancock Field, North Syracuse	NY	1,314	1,139	21 Air Defense SAGE Division
Fort Lee AFS, Petersburg	VA	576	33	20 Air Defense SAGE Division
GUARD AND RESERVE (105)				
Selfridge ANG Base, Mt Clemens	MI	1,121	3,629	191 Fighter Interceptor Group
RESEARCH AND DEVELOPMENT (106)				
Vandenberg AFB, Lompoc	CA	6,292	98,364	Space/Missile Test Center

AIR FORCE BASE STRUCTURE

STRATEGIC FORCES

US TERRITORIES AND POSSESSIONS

Installation/City	Area	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
STRATEGIC (101)				
Andersen AFB, Agana	Guam	4,313	11,083	43 Strategic Wing

AIR FORCE BASE STRUCTURE

GENERAL PURPOSE FORCES

FIFTY STATES

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
Langley AFB, Hampton	VA	10,410	3,141	1 Tactical Fighter Wing Tactical Air Command HQ
Nellis AFB, Las Vegas	NV	8,562	11,272	474 Tactical Fighter Wing USAF Tactical Fighter Weapons Center
Homestead AFB, Homestead	FL	8,245	3,346	31 Tactical Fighter Wing
Davis-Monthan AFB, Tucson	AZ	7,719	11,149	355 Tactical Fighter Wing
Holloman AFB, Alamogordo	NM	7,435	50,694	49 Tactical Fighter Wing
Luke AFB, Litchfield Park	AZ	6,772	4,197	58 Tactical Training Wing
Shaw AFB, Sumter	SC	6,479	3,271	363 Tactical Recon Wing
MacDill AFB, Tampa	FL	6,458	5,751	56 Tactical Fighter Wing
Seymour Johnson AFB, Goldsboro	NC	5,831	4,145	4 Tactical Fighter Wing
Bergstrom AFB, Austin	TX	5,478	3,817	67 Tactical Recon Wing
George AFB, Adelanto	CA	5,307	5,347	35 Tactical Fighter Wing
Mountain Home AFB, Mountain Home	ID	4,934	6,682	366 Tactical Fighter Wing
Cannon AFB, Clovis	NM	4,754	4,475	27 Tactical Fighter Wing
Myrtle Beach AFB, Myrtle Beach	SC	3,571	4,006	354 Tactical Fighter Wing
England AFB, Alexandria	LA	3,460	2,409	23 Tactical Fighter Wing
Eglin 09/Hurlburt AAF, Mary Esther	FL	3,395	1,093	1 Special Operations Wing
Moody AFB, Valdosta	GA	3,383	5,529	347 Tactical Fighter Wing
Wheeler AFB, Wahiawa	HI	1,766	1,391	22 Tactical Air Support Squadron

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
INTELLIGENCE & COMMUNICATIONS (203)				
Kirtland AFB, Albuquerque	NM	10,411	46,389	1550 Aircrew Training Test Wing
AIRLIFT/SEALIFT (204)				
Scott AFB, Shiloh	IL	16,671	2,863	375 Aeromedical Airlift Wing
Travis AFB, Fairfield	CA	11,710	6,169	60 Military Airlift Wing
Andrews AFB, Camp Springs	MD	9,977	4,869	89 Military Airlift Group
Norton AFB, San Bernardino	CA	9,088	2,343	63 Military Airlift Wing
McGuire AFB, Wrightstown	NJ	7,263	3,552	438 Military Airlift Wing
Little Rock AFB, Jacksonville	AR	7,225	6,657	314 Tactical Airlift Wing
McChord AFB, Tacoma	WA	6,709	4,616	62 Military Airlift Wing
Dover AFB, Dover	DE	6,600	3,597	436 Military Airlift Wing
Charleston AFB, Charleston	SC	5,736	3,772	437 Military Airlift Wing
Altus AFB, Altus	OK	4,310	3,393	443 Military Airlift Training Wing
Pope AFB, Springlake	NC	3,972	1,738	317 Tactical Airlift Wing
GUARD AND RESERVE (205)				
Westover AFB, Chicopee	MA	941	3,512	439 Tactical Airlift Wing (AFR)
Dobbins AFB, Marietta	GA	745	2,214	94 Tactical Airlift Wing (AFR)
Chicago-O'Hare IAP, Park Ridge	IL	426	391	928 Tactical Airlift Group (AFR)
Greater Pittsburgh IAP, Coraopolis	PA	425	346	911 Tactical Airlift Group (AFR)
Minneapolis-St Paul IAP, Minneapolis	MN	387	275	934 Tactical Airlift Group (AFR)

Installation/City	State	Tot Pers 1/	Land Area (Acres)	Major Unit/Activity/Purpose
GUARD AND RESERVE (205) (continued)				
Niagara Falls IAP, Niagara Falls	NY	368	980	914 Tactical Airlift Group (AFR)
Gen Billy Mitchell Field, Milwaukee	WI	338	101	440 Tactical Airlift Wing (AFR)
Youngstown Municipal Airport, Vienna	OH	293	667	910 Tactical Fighter Group (AFR)
Willow Grove Air Reserve Facility, Hatboro*	PA	257	162	913 Tactical Airlift Group (AFR)

*AFR is the Air Force host on Willow Grove NAS, a Navy installation

1/ Source: Sep 1977 USAF Program Manpower & Organization (PM) file (CMDB)

AIR FORCE BASE STRUCTURE

GENERAL PURPOSE FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
Kadena AB, Koza, Okinawa	Japan	12,495	5,788	18 Tactical Fighter Wing
Clark AB, Angeles	PI	11,276	129,706	3 Tactical Fighter Wing
Ramstein AB, Landstuhl	GE	10,850	3,032	86 Tactical Fighter Wing
Osan AB, Songtan	Korea	5,089	1,539	51 Composite Wing
Lakenheath RAF, Lakenheath	UK	5,078	1,964	48 Tactical Fighter Wing
Hahn AB, Lautzenhausen	GE	4,958	1,233	50 Tactical Fighter Wing
Torrejon AB, Torrejon De Ardoz	Spain	4,934	2,010	401 Tactical Fighter Wing
Bitburg AB, Bitburg	GE	4,750	1,083	36 Tactical Fighter Wing
Upper Heyford RAF, Upper Heyford	UK	4,355	1,191	20 Tactical Fighter Wing
Spangdahlem AB, Spang	GE	4,303	1,216	52 Tactical Fighter Wing
Bentwaters RAF, Woodbridge	UK	3,932	782	81 Tactical Fighter Wing
Sembach AB, Sembach	GE	3,680	583	601 Tactical Control Wing
Incirlik AB, Incirlik	Turkey	3,415	3,328	39 Tactical Group
Kunsan AB, Kunsan	Korea	3,362	2,243	8 Tactical Fighter Wing
Zweibrucken AB, Zweibrucken	GE	2,672	694	26 Tactical Reconnaissance Wing
Alconbury RAF, Alconbury	UK	2,567	1,166	10 Tactical Reconnaissance Wing
Aviano AB, Pordenone	Italy	2,144	961	40 Tactical Group
Zaragoza AB, Zaragoza	Spain	1,828	2,982	406 Tactical Fighter Training Wing

Installation/City	Country	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (continued)				
Camp New Amsterdam AB, Soesterberg	NL	1,272	0	32 Tactical Fighter Squadron
Woodbridge RAF, Woodbridge	UK	332	994	78 Tactical Fighter Squadron
AIRLIFT/SEALIFT (204)				
Yokota AB, Tokyo	Japan	6,576	1,751	345 Tactical Airlift Squadron
Rhein Main AB, Frankfurt	GE	4,344	808	435 Tactical Airlift Wing
Mildenhall RAF, Mildenhall	UK	2,730	1,017	513 Tactical Airlift Wing

AIR FORCE BASE STRUCTURE

AUXILIARY FORCES

FIFTY STATES

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
INTELLIGENCE & COMMUNICATIONS (303)				
Richards-Gebaur AFB, Belton	MO	2,174	2,419	HQ Air Force Communications Service
Shemya AFS, Atka	AK	713	3,520	6 Strategic Wing, Detachment 1
RESEARCH AND DEVELOPMENT (306)				
Eglin AFB, Valpariso	FL	12,723	460,532	Armament Development/Test Center
Edwards AFB, Rosamond	CA	6,585	300,723	AF Flight Test Center
Los Angeles AFS, El Segundo	CA	5,920	98	Space & Missile Systems Organization
Hanscom AFB, Bedford	MA	4,895	1,277	Electronic Systems Division
Arnold Engineering Development Center, Manchester	TN	3,299	39,081	Arnold Engineering Development Center

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (307)				
Patrick AFB, Cocoa Beach	FL	7,466	2,342	AF Eastern Test Range

AIR FORCE BASE STRUCTURE

MISSION SUPPORT FORCES

FIFTY STATES

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
STRATEGIC (401)				
Peterson AFB, Colorado Springs	CO	3,288	1,005	Aerospace Defense Command HQ 46 Aerospace Defense Wing
GENERAL PURPOSE (402)				
Hickam AFB, Honolulu	HI	7,908	2,739	9 Airborne Command and Control Squadron

AIR FORCE BASE STRUCTURE

MISSION SUPPORT FORCES

US TERRITORIES AND POSSESSIONS

Installation/City	Area	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (402)				
Howard AFB, Balboa	CZ	2,328	14,078	USAF Southern Air Division

AIR FORCE BASE STRUCTURE

MISSION SUPPORT FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (402)				
Hellenikon AB, Athens	Greece	2,022	172	7206 Air Base Croup
AIRLIFT/SEALIFT (404)				
Lajes Field, Lajes, Azores	PT	2,761	903	1605 Air Base Wing

AIR FORCE BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY AND MAINTENANCE (507)				
Wright-Patterson AFB, Fairborn	OH	23,695	8,147	Air Logistics Command HQ
Kelly AFB, San Antonio	TX	22,721	4,611	Air Logistics Center
Tinker AFB, Midwest City	OK	21,195	4,033	Air Logistics Center
Hill AFB, Clearfield	UT	19,705	5,909	Air Logistics Center
Robins AFB, Warner Robins	GA	19,144	7,628	Air Logistics Center
McClellan AFB, Sacramento	CA	16,313	2,702	Air Logistics Center
TRAINING, MEDICAL AND OTHER PERSONNEL (508)				
Lackland AFB, San Antonio	TX	10,307	2,811	Basic Military School, USAF
Keesler AFB, Biloxi	MS	8,977	1,610	Technical Training Center
Lowry AFB, Denver	CO	8,469	1,863	Technical Training Center
Randolph AFB, Universal City	TX	7,584	2,667	12 Flying Training Wing Air Training Command HQ
Sheppard AFB, Wichita Falls	TX	6,570	5,114	Technical Training Center
Mather AFB, Rancho Cordova	CA	5,316	5,796	323 Flying Training Wing
Chanute AFB, Rantoul	IL	4,929	2,125	Technical Training Center
USAF Academy, Monument	CO	4,657	18,476	Officer Training
Maxwell AFB, Montgomery	AL	4,192	3,396	Air University
Williams AFB, Chandler	AZ	3,540	4,065	82 Flying Training Wing
Columbus AFB, Columbus	MS	2,693	4,934	14 Flying Training Wing
Laughlin AFB, Del Rio	TX	2,647	4,473	47 Flying Training Wing
Reese AFB, Lubbock	TX	2,616	2,720	64 Flying Training Wing

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
TRAINING, MEDICAL & OTHER PERSONNEL (508) (continued)				
Vance AFB, Enid	OK	2,465	3,061	71 Flying Training Wing
Brooks AFB, San Antonio	TX	2,441	1,310	Aerospace Medical Division
Gunter AFS, Montgomery	AL	2,322	392	AF Data Systems Design Center
Goodfellow AFB, San Angelo	TX	2,185	1,119	6940 Security Wing
ADMIN AND ASSOCIATED (509)				
Bolling AFB, Washington	DC	3,093	604	General Support for HQ USAF

SECTION VI

PART 3 AIR FORCE

Base Structure Listing by IDPPC Category in Descending Order by Total Land Area

AIR FORCE BASE STRUCTURE

STRATEGIC FORCES

FIFTY STATES

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
STRATEGIC (101)				
Tyndall AFB, Springfield	FL	4,880	28,824	Air Defense Weapons Center
Beale AFB, Marysville	CA	4,862	22,944	9 Strategic Recon Wing
Barksdale AFB, Bossier City	LA	6,729	22,361	2 Bombardment Wing
Eielson AFB, North Pole	AK	2,908	19,790	6 Strategic Wing
Elmendorf AFB, Anchorage	AK	7,658	13,130	21 Composite Wing Alaskan ADCOM Region
Whiteman AFB, Knob Noster	MO	3,581	9,226	351 Strategic Missile Wing
Loring AFB, Limestone	ME	4,056	8,703	42 Bombardment Wing
March AFB, Riverside	CA	5,137	7,147	22 Bombardment Wing
K I Sawyer AFB, Gwinn	MI	4,096	6,355	410 Bombardment Wing
Dyess AFB, Abilene	TX	5,317	6,072	96 Bombardment Wing
Francis E. Warren AFB, Cheyenne	WY	4,149	5,868	90 Strategic Missile Wing
Ellsworth AFB, Box Elder	SD	6,728	5,688	28 Bombardment Wing 44 Strategic Missile Wing
Minot AFB, Minot	ND	6,038	5,382	91 Strategic Missile Wing 5 Bombardment Wing
Fairchild AFB, Airway Heights	WA	4,805	5,365	92 Bombardment Wing
Grand Forks AFB, Emerado	ND	5,590	5,315	321 Strategic Missle Wing 319 Bombardment Wing
Wurtsmith AFB, Oscoda	MI	3,185	5,205	379 Bombardment Wing

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
STRATEGIC (101)				
Plattsburgh AFB, Plattsburgh	NY	4,362	4,610	380 Bombardment Wing
Pease AFB, Newington	NH	4,060	4,364	509 Bombardment Wing
Rickenbacker AFB, Lockbourne	OH	4,001	4,343	301 Air Refueling Wing
Griffiss AFB, Rome	NY	6,891	3,888	416 Bombardment Wing
Blytheville AFB, Blytheville	AR	2,961	3,734	97 Bombardment Wing
Malmstrom AFB, Great Falls	MT	5,539	3,596	341 Strategic Missile Wing
Castle AFB, Atwater	CA	6,231	3,075	93 Bombardment Wing
McConnell AFB, Wichita	KS	4,497	3,035	381 Strategic Missile Wing
Grissom AFB, Bunker Hill	IN	3,116	3,022	305 Strategic Missile Wing
Carswell AFB, Fort Worth	TX	5,485	2,751	7 Bombardment Wing
Offutt AFB, Bellevue	NE	13,835	1,915	55 Strategic Recon Wing 2 Airborne Command & Control Squadron
Hancock Field, North Syracuse	NY	1,314	1,139	21 Air Defense SAGE Division
Duluth IAP, Duluth	MN	1,826	933	23 Air Defense SAGE Division
Fort Lee AFS, Petersburg	VA	576	33	20 Air Defense SAGE Division
GUARD RESERVE (105)				
Selfridge ANG Base, Mt Clemens	MI	1,121	3,629	191 Fighter Interceptor Group
RESEARCH AND DEVELOPMENT (106)				
Vandenberg AFB, Lompoc	CA	6,292	98,364	Space/Missile Test Center

AIR FORCE BASE STRUCTURE

STRATEGIC FORCES

US TERRITORIES AND POSSESSIONS

Installation/City	Area	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
STRATEGIC (101)				
Andersen AFB, Agana	Guam	4,313	11,083	43 Strategic Wing

AIR FORCE BASE STRUCTURE

GENERAL PURPOSE FORCES

FIFTY STATES

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
Holloman AFB, Alamogordo	NM	7,435	50,694	49 Tactical Fighter Wing
Nellis AFB, Las Vegas	NV	8,562	11,272	474 Tactical Fighter Wing
Davis-Monthan AFB, Tucson	AZ	7,719	11,149	355 Tactical Fighter Wing
Mountain Home AFB, Mountain Home	ID	4,934	6,682	366 Tactical Fighter Wing
MacDill AFB, Tampa	FL	6,458	5,751	56 Tactical Fighter Wing
Moody AFB, Valdosta	GA	3,383	5,529	347 Tactical Fighter Wing
George AFB, Adelanto	CA	5,307	5,347	35 Tactical Fighter Wing
Cannon AFB, Clovis	NM	4,754	4,475	27 Tactical Fighter Wing
Luke AFB, Litchfield Park	AZ	6,772	4,197	58 Tactical Training Wing
Seymour Johnson AFB, Goldsboro	NC	5,831	4,145	4 Tactical Fighter Wing
Myrtle Beach AFB, Myrtle Beach	SC	3,571	4,006	354 Tactical Fighter Wing
Bergstrom AFB, Austin	TX	5,478	3,817	67 Tactical Recon Wing
Homestead AFB, Homestead	FL	8,245	3,346	31 Tactical Fighter Wing
Shaw AFB, Sumter	SC	6,479	3,271	363 Tactical Recon Wing
Langley AFB, Hampton	VA	10,410	3,141	1 Tactical Fighter Wing Tactical Air Command HQ
England AFB, Alexandria	LA	3,460	2,409	23 Tactical Fighter Wing
Wheeler AFB, Wahiawa	HI	1,766	1,391	22 Tactical Air Support Sq
Eglin 09/Hurlburt AAF, Mary Esther	FL	3,395	1,093	1 Special Operations Wing
INTELLIGENCE & COMMUNICATIONS (203)				
Kirtland AFB, Albuquerque	NM	10,411	46,389	1550 Aircrew Training Test Wing

Installation/City	State	Tot Pers	Land Acres (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (204)				
Little Rock AFB, Jacksonville	AR	7,225	6,657	314 Tactical Airlift Wing
Travis AFB, Fairfield	CA	11,710	6,169	60 Military Airlift Wing
Andrews AFB, Camp Springs	MD	9,977	4,869	89 Military Airlift Group
McChord AFB, Tacoma	WA	6,709	4,616	62 Military Airlift Wing
Charleston AFB, Charleston	SC	5,736	3,772	437 Military Airlift Wing
Dover AFB, Dover	DE	6,600	3,597	436 Military Airlift Wing
McGuire AFB, Wrightstown	NJ	7,263	3,552	438 Military Airlift Wing
Altus AFB, Altus	OK	4,310	3,393	443 Military Airlift Training Wing
Scott AFB, Shiloh	IL	16,671	2,863	375 Aeromedical Airlift Wing
Norton AFB, San Bernardino	CA	9,088	2,343	63 Military Airlift Wing
Pope AFB, Springlake	NC	3,972	1,738	317 Tactical Airlift Wing
GUARD AND RESERVE (205)		1/		
Westover AFB, Chicopee	MA	941	3,512	439 Tactical Airlift Wing (AFR)
Dobbins AFB, Marietta	GA	745	2,214	94 Tactical Airlift Wing (AFR)
Niagara Falls IAP, Niagara Falls	NY	368	980	914 Tactical Airlift Group (AFR)
Youngstown Municipal Airport, Vienna	OH	293	667	910 Tactical Fighter Group (AFR)
Chicago-O'Hare IAP, Park Ridge	IL	426	391	928 Tactical Airlift Group (AFR)
Greater Pittsburgh IAP, Coraopolis	PA	425	346	911 Tactical Airlift Group (AFR)
Minneapolis-St Paul IAP, Minneapolis	MN	387	275	934 Tactical Airlift Group (AFR)

1/ Source: Sep 1977 USAF Program Manpower & Organization (PM) file (CMDB)

Installation/City	State	1/ Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GUARD AND RESERVE (205) (continued)				
Willow Grove Air Reserve Facility, Hatboro*	PA	257	162	913 Tactical Airlift Group (AFR)
Gen Billy Mitchell Field, Milwaukee	WI	338	101	440 Tactical Airlift Wing (AFR)

* AFR is the Air Force host on Willow Grove NAS, a Navy installation

1/ Source: Sep 1977 USAF Program Manpower & Organization (PM) file (CMDB)

AIR FORCE BASE STRUCTURE

GENERAL PURPOSE FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
Clark AB, Angeles	PI	11,276	129,706	3 Tactical Fighter Wing
Kadena AB, Koza, Okinawa	Japan	12,495	5,788	18 Tactical Fighter Wing
Incirlik AB, Incirlik	Turkey	3,415	3,328	39 Tactical Group
Ramstein AB, Landstuhl	GE	10,850	3,032	86 Tactical Fighter Wing
Zaragoza AB, Zaragoza	Spain	1,828	2,982	406 Tactical Fighter Training Wing
Kunsan AB, Kunsan	Korea	3,362	2,243	8 Tactical Fighter Wing
Torrejon AB, Torrejon De Ardoz	Spain	4,934	2,010	401 Tactical Fighter Wing
Lakenheath RAF, Lakenheath	UK	5,078	1,964	48 Tactical Fighter Wing
Osan AB, Songtan	Korea	5,089	1,539	51 Composite Wing
Hahn AB, Lautzenhausen	GE	4,958	1,233	50 Tactical Fighter Wing
Spangdahlem AB, Spang	GE	4,303	1,216	52 Tactical Fighter Wing
Upper Heyford RAF, Upper Heyford	UK	4,355	1,191	20 Tactical Fighter Wing
Alconbury RAF, Alconbury	UK	2,567	1,166	10 Tactical Reconnaissance Wing
Bitburg AB, Bitburg	GE	4,750	1,083	36 Tactical Fighter Wing
Woodbridge RAF, Woodbridge	UK	322	994	78 Tactical Fighter Squadron
Aviano AB, Pordenone	Italy	2,144	961	40 Tactical Group
Bentwaters RAF, Woodbridge	UK	3,932	782	81 Tactical Fighter Wing
Zweibrucken AB, Zweibrucken	GE	2,672	694	26 Tactical Reconnaissance Wing
Sembach AB, Sembach	GE	3,680	583	601 Tactical Control Wing

Installation/City	Country	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (202) (continued)				
Camp New Amsterdam AB, Soesterberg	NL	1,272	0	32 Tactical Fighter Squadron
AIRLIFT/SEALIFT (204)				
Yokota AB, Tokyo	Japan	6,576	1,751	345 Tactical Airlift Squadron
Mildenhall RAF, Mildenhall	UK	2,730	1,017	513 Tactical Airlift Wing
Rhein Main AB, Frankfurt	GE	4,344	808	435 Tactical Airlift Wing

AIR FORCE BASE STRUCTURE

AUXILIARY FORCES

FIFTY STATES

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
INTELLIGENCE & COMMUNICATIONS (303)				
Shemya AFS, Atka	AK	713	3,520	6 Strategic Wing, Detachment 1
Richards-Gebaur AFB, Belton	MO	2,174	2,419	HQ Air Force Communications Service
RESEARCH AND DEVELOPMENT (306)				
Eglin AFB, Valpariso	FL	12,723	460,532	Armament Development/Test Center
Edwards AFB, Rosamond	CA	6,585	300,723	AF Flight Test Center
Arnold Engineering Development Center, Manchester	TN	3,299	39,081	Arnold Engineering Development Center
Hanscom AFB, Bedford	MA	4,895	1,277	Electronic Systems Division AFSC
Los Angeles AFS, El Segundo	CA	5,920	98	Space & Missile Systems Organization

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY & MAINTENANCE (307)				
Patrick AFB, Cocoa Beach	FL	7,466	2,342	AF Eastern Test Range

AIR FORCE BASE STRUCTURE

MISSION SUPPORT FORCES

FIFTY STATES

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
STRATEGIC (401)				
Peterson AFB, Colorado Springs	CO	3,288	1,005	Aerospace Defense Command HQ 46 Aerospace Defense Wing
GENERAL PURPOSE (402)				
Hickam AFB, Honolulu	HI	7,908	2,739	9 Airborne Command and Control Squadron

AIR FORCE BASE STRUCTURE

MISSION SUPPORT FORCES

US TERRITORIES AND POSSESSIONS

Installation/City	Area	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (402)				
Howard AFB, Balboa	CZ	2,328	14,078	USAF Southern Air Division

AIR FORCE BASE STRUCTURE

MISSION SUPPORT FORCES

FOREIGN OVERSEAS AREAS

Installation/City	Country	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
GENERAL PURPOSE (402)				
Hellenikon AB, Athens	Greece	2,022	172	7206 Air Base Group
AIRLIFT/SEALIFT (404)				
Lajes Field, Lajes, Azores	PT	2,761	903	1605 Air Base Wing

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AIR FORCE BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
CENTRAL SUPPLY AND MAINTENANCE (507)				
Wright-Patterson AFB, Fairborn	OH	23,695	8,147	Air Logistics Command HQ
Robins AFB, Warner Robins	GA	19,144	7,628	Air Logistics Center
Hill AFB, Clearfield	UT	19,705	5,909	Air Logistics Center
Kelly AFB, San Antonio	TX	22,721	4,611	Air Logistics Center
Tinker AFB, Midwest City	OK	21,195	4,033	Air Logistics Center
McClellan AFB, Sacramento	CA	16,313	2,702	Air Logistics Center
TRAINING, MEDICAL AND OTHER PERSONNEL (508)				
USAF Academy, Monument	CO	4,657	18,476	Officer Training
Mather AFB, Rancho Cordova	CA	5,316	5,796	323 Flying Training Wing
Sheppard AFB, Wichita Falls	TX	6,570	5,114	Technical Training Center
Columbus AFB, Columbus	MS	2,693	4,934	14 Flying Training Wing
Laughlin AFB, Del Rio	TX	2,647	4,473	47 Flying Training Wing
Williams AFB, Chandler	AZ	3,540	4,065	82 Flying Training Wing
Maxwell AFB, Montgomery	AL	4,192	3,396	Air University
Vance AFB, Enid	OK	2,465	3,061	71 Flying Training Wing
Lackland AFB, San Antonio	TX	10,307	2,811	Basic Military School, USAF
Reese AFB, Lubbock	TX	2,616	2,720	64 Flying Training Wing
Randolph AFB, Universal City	TX	7,584	2,667	12 Flying Training Wing Air Training Command HQ
Chanute AFB, Rantoul	IL	4,929	2,125	Technical Training Center
Lowry AFB, Denver	CO	8,469	1,863	Technical Training Center
Keesler AFB, Biloxi	MS	8,977	1,610	Technical Training Center

AIR FORCE BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installation/City	State	Tot Pers	Land Area (Acres)	Major Unit/Activity/Purpose
TRAINING, MEDICAL AND OTHER PERSONNEL (508) (continued)				
Brooks AFB, San Antonio	TX	2,441	1,310	Aerospace Medical Division
Goodfellow AFB, San Angelo	TX	2,185	1,119	6940 Security Wing
Gunter AFS, Montgomery	AL	2,322	392	AF Data Systems Design Center
ADMIN AND ASSOCIATED (509)				
Bolling AFB, Washington	DC	3,093	604	General Support for HQ USAF

CHAPTER FIVE

MARINE CORPS BASE STRUCTURE

I. INTRODUCTION

- This Chapter presents the Marine Corps' approach to a basing structure and the relationship of this structure to the Marine Corps' tactical force structure. In addition, base operating costs are identified.

- The National Security Act of 1947, as amended, prescribes the organization of the Marine Corps.

  Based upon this directive, today's Marine Corps is organized into three active and one Reserve Division-Wing Teams, security forces for Naval installations, combatant vessels and embassies, plus a support establishment of operating bases, air stations, training centers, logistic and support bases and headquarters elements.

  The Marine Corps has identified no future force programs which will change the basic organization of the Marine Corps or its installation alignment.

II BASE STRUCTURE OVERVIEW

A. Summary:

Marine Corps installations are geographically situated to support its tactical forces positioned for maximum responsiveness to contingency operations.

B. Rationale for the Location of Major Marine Corps Forces:

Marine Corps operational commitments are projected to remain unchanged from the FY 1977 projections. Specifically, the Marine Corps will maintain one Marine Amphibious Force (MAF) on the East Coast of the U.S. available to CINCLANT for commitment anywhere in the Atlantic or Caribbean. This East Coast based MAF will also continue to provide up to two Marine Amphibious Units (MAUs) at all times for afloat deployments in the Atlantic, Caribbean, and Mediterranean, as necessary. This MAF will also continue to be earmarked as our primary force for Allied Command Europe (ACE) in event of NATO/Warsaw Pact hostilities.

One MAF will remain forward based in the Pacific with two thirds in the western Pacific and one third in Hawaii. This MAF will continue to provide two MAUs for afloat deployments in the western Pacific.

One MAF will remain based on the West Coast of the U.S., earmarked as a follow-on force for ACE in the event of a NATO conflict, or as a follow-on force for a conflict in Asia.

The Reserve Division Wing/Team will be prepared on short notice to augment the active structure with additional capabilities for a major war.

The general force plans for Fleet Marine Forces (FMF) are to maintain three active and one Reserve division wing teams at the maximum state of readiness and deployed so as to assure a capability for rapid and effective response anywhere in the world in support of the National strategy. The basic concept that links operating forces with the base structure is the essential requirement to maintain a base and logistics structure capable of:

- supporting peacetime force levels and operational commitments;

- accommodating rapid expansion to wartime force levels in event of mobilization; and,

- maintaining a training and logistics support posture that will provide sustained support for forces committed overseas under full mobilization conditions.

C. Rationale for the Location of Major Activities:

1. Operational bases Camp Lejeune, Camp Pendleton, Camp Butler and Air Station Kaneohe Bay supporting the FMF have the following specific requirements:

a. Adequate training areas for both vertical and over-the-beach amphibious assault training supported by fixed-wing aircraft and Naval gunfire ships.

b. Direct rail and highway access to mount-out ports (with one way transit time not exceeding four hours), and across-the-beach out-load capability for all amphibious shipping.

c. Helicopter shore facility located to afford direct mount-out and on-load of amphibious shipping at sea from shore based facility.

d. Light fixed-wing aircraft facilities, helicopter landing sites, and fixed wing VTOL sites within the Division area to support air-ground team training and operations.

e. Adequate facilities for combined arms training to include impact areas for live firing of organic weapons.

f. Remote areas with suitable beaches and undeveloped airfield sites for advance deployed training of air-ground teams.

g. Ready access to established logistical supporting bases.

h. Sea, air, and beach areas with suitable adjacent maneuver areas inland for the accomplishment of integrated Navy/Marine amphibious operational training and exercises.

2. Aviation Combat Elements have the following requirements:

a. Fighter and Attack Squadrons (VMFA/VMA), located at Marine Corps Air Station, Beaufort, Cherry Point, El Toro, Iwakuni, Kaneohe Bay, and Yuma.

(1) A tactical jet air base within 100-200 miles of the Division base.

(2) Capability to conduct aircraft carrier qualifications within 100 miles of a suitable air installation aviation use in emergency situations such as low fuel state or fouled deck.

(3) Field Mirror Landing Practice at the field and other suitable outlying airfield within 100 miles of home base.

(4) High performance air combat maneuvering air space free from other activity and within 100 miles of home base.

(5) Sea and air space free from other activity for safe firing of Sidewinder, Sparrow, or other air-to-air missiles currently in the inventory of those which will be introduced or tested in the foreseeable future.

(6) Instrumented weapons range, targets and control facilities, free from other activity for safe firing of missile weapons systems and for Special Weapons Delivery Training.

(7) Targets and control facilities for delivery of air-to-air-surface ordance in ground, sea and air space free from other activity and installations for accomplishment of necessary training with conventional ordnance. Targets within 100 nautical miles of home base. If located greater than 100 miles from home base, a support field with appropriate facilities will be required to support aviation unit deployments.

(8) Fixed and moving shore and seaborne targets for accomplishment of necessary all-weather training with conventional ordnance and guided stand-off weapons which are currently available or will be introduced.

(9) Ground Controlled Intercept/Marine Tactical Data System (GCI/MTDS) units located so as to promote air-to-air intercept training.

(10) Suitable air space for conduct of aerial refueling practice.

b. Marine Attack Helicopter/Marine Light Helicopter/Marine Medium Helicopter/Marine Heavy Helicopter/Marine Observation Squadrons (HMA/HML/HMM/HMH/VMO), located Marine Corps Air Stations, Santa Ana, New River, and Futenma.

(1) A helicopter air station located within 40 miles of a Marine division.

(2) High elevation confined area landing sites for training rotary wing pilots.

(3) Protected air space and ordnance target complexes with 50 miles of home port for training pilots and gunners.

(4) Outlying landing sites within 50 miles of home port for the conduct of syllabus training including Field Carrier Landing Practice.

(5) Facilities for all-weather training.

(6) Ready access to division training areas for combined arms and assault helicopter joint vertical training.

(7) Ready access to helicopter capable amphibious shipping (LHA/LPH) for the conduct of ship-based training and operations.

3. Marine Corps operating bases for forward deployed units in Japan and Hawaii, generally meet the requirements as stated previously.

4. Twentynine Palms was originally established as an artillery training base and aviation gunnery range. However, the recently established Marine Corps Air Ground Combat Training Center increases the overall use of this facility because of the year round use by all elements of the Marine combined arms team. Twentynine Palms' size and location permits unrestricted firing in almost any direction of both artillery and air delivered ordnance. The Marine Corps Communications-Electronics School is also located at Twentynine Palms. This school was moved from San Diego to Twentynine Palms because of the absence of electronmagnetic interference and conflicting electromagnectic transmissions in the area.

5. The Marine Corps has two logistics support activities, one at Albany, Georgia, and the other at Barstow, California. The Marine Corps Logistics Support Bases are geographically located to provide the required direct support to individual FMF's at near minimum operating and transportation costs. Both are located in areas of relatively stable labor markets where there is little or no competition from either government or civilian sectors for required labor skills.

6. The Marine Corps maintains two recruit depots, one at Parris Island in South Carolina, and the other at San Diego in California. The Marine Corps trained 45,697 recruits during Fiscal Year 1977. Neither the Recruit Depot at Parris Island nor the one at San Diego can handle the recruit load alone. Generally, recruits from the Western half of the nation are

trained at San Diego and those from the East are trained at Parris Island. Women are trained only at Parris Island. The geographical location of the present depots reduces the travel costs of arriving recruits and of graduating Marines. The Marine Corps finds the present two depots and their location a satisfactory arrangement.

III RELATIONSHIP OF MARINE CORPS BASE STRUCTURE TO FORCE STRUCTURE

- Strategic Forces (100)

Not applicable

- General Purpose Forces (200)

A. Fifty States, Territiories, and Possessions

- The Marine Corps has three active Marine Amphibious Forces (MAF's). Two MAF's and a portion of the third MAF are based in the United States.

- The I MAF is based on the West Coast with its Headquarters and the 1st Marine Division (MARDIV) located at Camp Pendleton, California. The 3d Marine Aircraft Wing (MAW), the aviation component of I MAF has its fixed wing aviation elements located at Marine Corps Air Station (MCAS), El Toro, California and MCAS, Yuma, Arizona. The helicopter elements of 3d MAW are located at MCAS (Helicopter) (MCAS (H)), Santa Ana, California and at the auxiliary field at Camp Pendleton. The 1st Force Service Support Group (FSSG), I MAF's logisitical component is also located at Camp Pendleton. Force Troop units consisting mainly of a tank battalion and long range artillery are located at Marine Corps Base (MCB) Twentynine Palms, CA. An expeditionary airfield has been established to support the Marine Corps Air Ground Combat Training Center (MCAGCTC) at Twentynine Palms. The addition of a reinforced infantry battalion and the remaining two companies of the tank battalion during FY 1978 has significantly increased activity and facility requirements at MCB Twentynine Palms. The West Coast based I MAF is the follow on force in the event of a NATO/Warsaw Pact war or a conflict in the Western Pacific area.

- The 2nd MARDIV, the ground combat component of II MAF, is located at Camp Lejeune, as is the

logistic component the 2d FSSG. The 2d MAW, the MAF's aviation component, has its fixed wing aviation units located at MCAS Cherry Point, N.C. and MCAS Beaufort, S.C. The helicopter units are located at MCAS(H), New River, adjacent to Camp Lejeune. The East Coast based MAF is the Marine Corps' primary force in the event of a NATO/Warsaw Pact war.

- The 1st Marine Brigade (MARBDE) is stationed at MCAS Kaneohe Bay, HI. The ground component of the Brigade consists of the 3d Marine Regiment of the 3d MARDIV, and associated support units. The aviation component of tactical fixed wing aviation and helicopters is also located at MCAS Kaneohe Bay. As of November 1978, one of the three infantry battalions and a portion of the aviation assets assigned to the Brigade will be continuously deployed. Dependents of the deployed personnel will be home-based at MCAS Kaneohe Bay and the requirement for facilities to support dependents will remain unchanged. The 1st Marine Brigade is immediately available for contingency operations in Asia.

B. Foreign Overseas Areas

The III MAF, consisting of ground, aviation, and logistic components is headquartered on Okinawa, Japan. The ground combat component consists of two regiments of the 3d MARDIV reinforced with certain Force Troop units and is located at several installations on Okinawa collectively known as Camp Butler. The logistic component, 3d FSSG, is also located at Camp Butler. The Helicopter component is located at MCAS(H) Futenma, Okinawa while a portion of the tactical fixed wing aviation component is based at MCAS Iwakuni, Japan and the remainder on Okinawa. The forward based III MAF is immediately available for contingency operations in Asia.

- Auxiliary Forces (300)

Not applicable

- Mission Support Forces (400)

A. Fifty States, Territories, and Possessions.

- The two FMF Headquarters, Fleet Marine Force, Atlantic at Camp Elmore, Norfolk, VA, and Fleet Marine Force, Pacific at Camp Smith, Honolulu, HI, are

collocated with Headquarters, Commander-in-Chief, Atlantic, and Commander-in-Chief, Pacific respectively, for command, control, and communications efficiency.

- The Mountain Warfare Training Center (MWTC) is located in Bridgeport, CA. The Center is necessary to support unit training requirements under terrain and climate conditions not available elsewhere in the Western United States. The Marine Corps mission in support of contingency plans requires Marines to be trained and equipped for amphibious operations in the full range of climate and geographical situations. The peculiar skills required to operate in cold weather and mountainous terrain can be attained only by training in such a climate and terrain. These conditions are available at the MWTC. The MWTC also provides the Marine Corps with a ready-made training environment to place individuals and units under certain physical and mental demands paralleling those found in combat.

- The Camp Garcia training area, on the island of Vieques, Puerto Rico, is the only facility now available to the Amphibious and Fleet Marine Forces (FMF) the Atlantic Fleet, where amphibious landings and subsequent maneuvers inland, accompanied by live firing of all weapons, including close air support aircraft, can be conducted. Commandant of the Marine Corps policy for many years has been to maintain Camp Garcia as an expeditionary type installation with facilities limited to the minimum essential to the preservation of the health and welfare of deployed units and the camp permanent party.

- Marine Corps Auxiliary Landing Field (MCALF) Bogue is located in North Carolina between Camp Lejeune and MCAS Cherry Point. The installation has been altered to accommodate the Expeditionary Airfield (EAF) program which is the present mission of the airfield. The installation is divided into two geographical areas; a garrison area and an expeditionary area. The garrison area provides support and services for those personnel in EAF training and for EAF equipment evaluation. The expeditionary area includes the airfield pavements and is operated only within the capability of the installed EAF equipment to retain as realistic combat environment as possible. MCALF Bogue is the only installation on the East Coast that provides training for flight and ground crews, Marine Corps engineer, and Naval Construction Battalion personnel in the installation, maintenance, use, and operation of EAF equipment.

- Central Support Forces (500)

A. Fifty States, Territiories and Possessions

- The Marine Corps has two logistic support bases, one at Albany, GA, and the other at Barstow, CA. (See II(C)5).

- The Marine Corps maintains two recruit depots, one at Parris Island, SC, and the other at San Diego, CA. (See II(C)6).

The Mrine Corps Development and Education Command (MCDEC) is located at Quantico, Virginia. MCDEC provides the professional development training for Marine Corps officers at the basic, intermediate, and senior level as well as providing precommissioning training for all Marine Corps officer candidates. Courses are also provided in communications and computer sciences for officers and enlisted. In additon, MCDEC develops the doctrine, tactics, techniques and equipment employed by landing forces in amphibious operations.

- Henderson Hall is located adjacent to Headquarters Marine Corps in Arlington, VA. Henderson Hall provides services and support to Headquarters Marine Corps, including but not limited to enlisted men's billeting and messing, enlisted and Staff Noncommissioned Officer clubs, post exchange services, and recreational facilities. Henderson Hall's collocation with Headquarters Marine Corps increases the efficiency of the support services it provides.

- Marine Corps Air Facility (MCAF), Quantico provides maintenance and support facilities for HMX-1. HMX-1 provides helicopter support for the President of the United States, the Vice President, members of the Cabinet, and foreign dignitaries. MCAF Quantico is situated within easy supporting distance of the Capital.

- Individuals (600)

Not applicable.

IV BASE OPERATIONS COST FOR FY 1979

- Summary Table XII of estimated FY 1979 Base Operating Costs as defined in the Introduction follows:

TABLE XII

MAJOR DEFENSE PROGRAMS

MARINE CORPS BASE OPERATIONS COSTS ($ MILLIONS) 1/

Major Defense Programs	Fifty States	U.S. Territories and Possessions	Foreign Overseas Areas	Total
Strategic (01)				
General Purpose	310.3	.8	84.3	395.4
Intell. & Comm (03)				
Air/Sealift (04)				
Guard & Reserve (05)				
Research & Develop. (06)				
Cent. Supply & Maint. (07)	52.7			52.7
Trng. Med. & Other Pers. (08)	89.5			89.5
Admin. & Assoc. (09)	5.5			5.5
Spt. of Other Nations (10)				
TOTAL MARINE CORPS	458.0	.8	84.3	543.1

1/ Excludes Naval support appropriations elements

V ACTIONS TO REDUCE ANNUAL BASE OPERATIONS COSTS

- Actions taken

- In 1973 the Marine Corps announced the closing of the Marine Corps Supply Activity, Philadelphia, PA and the transfer of its functions to the MCLSBLant,

SECTION VI

USMC Base Structure

TABLE XIII

SUMMARY OF NUMBER OF USMC INSTALLATIONS, ACTIVITIES AND PROPERTIES

MISSION CATEGORY (IDPPC)	Fifty States		U.S. Territories and Possessions		Foreign Overseas Area		Total	
	Act.	Inact.	Act.	Inact.	Act.	Inact.	Act.	Inact.
STRATEGIC FORCES								
- None								
GENERAL PURPOSE FORCES								
- General Purpose (202)	15				3		18	
- Guard and Reserve (205)	46						46	
AUXILIARY FORCES								
- None								
MISSION SUPPORT FORCES								
- General Purpose (402)	4		1				5	
CENTRAL SUPPORT FORCES								
- Central Supply and Maintenance (507)	2						2	
- Training, Medical and Other Personnel (508)	3						3	
- Administration and Associated Activities (509)	3						3	
INDIVIDUALS								
- None								
TOTAL USMC	73		1		3		77	

ABBREVIATIONS

ForTpsPac	Force Troops Pacific
HQ	Headquarters
HQMC	Headquarters Marine Corps
IMAF	First Marine Amphibious Force
MAG	Marine Aircraft Group
MarBde	Marine Brigade
MarDiv	Marine Division
MAW	Marine Aircraft Wing
MCAGCTC	Marine Corps Air Ground Combat Training Center
MCALF	Marine Corps Auxiliary Landing Field
MCAS	Marine Corps Air Station
MCAS(H)	Marine Corps Air Station (Helicopter)
MCB	Marine Corps Base
MCCE Schools	Marine Corps Communication-Electronics Schools
MCDEC	Marine Corps Development and Education Command
MCLSBLANT	Marine Corps Logistic Support Base, Atlantic
MCLSBPAC	Marine Corps Logistic Support Base, Pacific
MCOLF	Marine Corps Outlying Field
MCRD	Marine Corps Recruit Depot
MWTC	Mountain Warfare Training Center

SECTION VI

Part 1 USMC

Base Structure Listing by IDPPC Category, by State Territories and Possessions and Foreign

GENERAL PURPOSE FORCES

FIFTY STATES

Installations/City	State	Total Personnel	Land Area Acres	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
MCAS, YUMA, YUMA	AZ	4,414	2,929.88	Jet Training/Operational Support
MCAS, EL TORO, IRVINE	CA	9,403	4,876.79	HQ 3rd MAW/Jet Training/Operational Support
MCALF, PENDLETON, OCEANSIDE	CA	1,452	343	Helicopter Training/Operational Support
MCB, CAMP PENDLETON, OCEANSIDE	CA	34,486	185,925.84	HQ 1st MARDIV/Troop Training/Operational Support
MCB, TWENTYNINE PALMS, PALMS SPRING	CA	5,881	595,589.13	HQ FORTRPS PAC/MCAGTC, MCCE Schools/Operational
MCAS(H), SANTA ANA, SANTA ANA	CA	2,467	1,571.54	MAG-16/Helicopter Training/Operation
MCAS, KANEOHE BAY, KAILA	HI	9,696	39,356.32	1st MarBde/Jet and Helicopter Training, Troop Training/ Operations
MCAS, CHERRY POINT, HAVELOCK	NC	10,416	11,661.43	HQ 2nd MAW/Jet Training/Operational Support
MCALF, NEW HANOVER, WILMINGTON	NC	-	1,290.28	Aviation Proficiency Training
MCOLF, ATLANTIC, HAVELOCK	NC	-	1,469.32	Aviation Proficiency Training
MCB, CAMP LEJEUNE, JACKSONVILLE	NC	33,751	86,346.22	HQ 2nd MARDIV/Troop Training/Operational Support
MCAS(H), NEW RIVER, JACKSONVILLE	NC	4,303	2,772.91	MAG-26/Helicopter Training/Operational Support
MCOLF, OAK GROVE, NEWBERN	NC	-	976.46	Aviation Proficiency Training/Troop Maneuver Training
MCOLF, CAMP DAVIS	NC	-	956.62	Aviation Proficiency Training
MCAS, BEAUFORT, BEAUFORT	SC	3,959	6,675.66	MAG-31/Jet Training/Operational Support

MARINE CORPS BASE STRUCTURE

GENERAL PURPOSE FORCES

FIFTY STATES

Installations/City	State	Total Personnel	Land Area Acres	Major Unit/Activity/Purpose
GUARD AND RESERVE (205)				
Reserve Centers, Various	Various	33,500	591.74	Marine Corps Reserve Training

FOREIGN AREAS OVERSEAS

GENERAL PURPOSE (202)				
MCAS, IWAKUNI, IWAKUNI	JAPAN	5,555	6,603.80	MAG-12 and MAG-15/Jet Training/Operational Support
MCB, CAMP BUTLER, FUTENMA	OKINAWA, JA	19,805	91,460.79	HQ III MAF, 1st MAW, and 3rd MARDIV/Troop Training/ Operational Support
MCAS, FUTENMA, FUTENMA	OKINAWA, JA	2,850	1,221.93	MAG 36/Helicopter Training Operational Training

MARINE CORPS BASE STRUCTURE

MISSION SUPPORT FORCES

FIFTY STATES

Installations/City	State	Total Personnel	Land Area Acres	Major Unit/Activity/Purpose
GENERAL PURPOSE (402)				
MWTC, BRIDGEPORT, BRIDGEPORT	CA	8	60,514.30	Cold Weather and Mountain Warfare Training
CAMP H. M. SMITH, HONOLULU	HI	1,041	457.37	HQ FMFPAC/HQ CINPAC
MCALF, BOGUE, SWANSBORO	NC	-	837.32	2nd MAW/Expeditionary Airfield Training
CAMP ELMORE, NORFOLK	VA	713	28.02	HQ FMFLANT

FOREIGN AREAS OVERSEAS

GENERAL PURPOSE (402)				
CAMP GARCIA, SAN JUAN	PR	174	10,000	Atlantic Fleet/Force Training

MARINE CORPS BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installations/City	State	Total Personnel	Land Area Acres	Major Unit/Activity/Purpose
CENTRAL SUPPLY MAINTENANCE (507)				
MCLSBPAC, BARSTOW	CA	2,706	5,807.45	Depot Maintenance/Supply and Storage
MCLSBLANT, ALBANY	GA	3,494	3,327.40	Weapons Systems and Equipment Support/Depot Maintenance/Supply and Storage
TRAINING, MEDICAL AND OTHER PERSONNEL (508)				
MCRD, SAN DIEGO, SAN DIEGO	CA	11,382	502.70	Recruit Training
MCRD, PARRIS ISLAND, BEAUFORT	SC	10,782	8,080.79	Recruit Training
MCDEC, QUANTICO, FREDERICKSBURG	VA	8,041	60,336.72	Officer Professional Training/Specialized Enlisted Training/ Research and Development Center
ADMINISTRATION AND ASSOCIATED ACTIVITIES (509)				
HQMC HENDERSON HALL, WASHINGTON	DC	3,406	21.40	Headquarters, U.S. Marine Corps
EIGHTH AND "I", WASHINGTON	DC	957	4.48	Ceremonies/Special Security/Marine Corps Institute
MCAF, QUANTICO, FREDERICKSBURG	VA	485	310.26	Helicopter Support for the President of the U.S., Cabinet Members, and Foreign Dignitaries

SECTION VI

Part 2 USMC

Base Structure Listing by IDPPC Category
in Descending Order Number of Personnel

MARINE CORPS BASE STRUCTURE

GENERAL PURPOSE FORCES

FIFTY STATES

Installations/City	State	Total Personnel	Land Area Acres	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
MCB, CAMP PENDLETON, OCEANSIDE	CA	34,486	185,925.84	HQ 1st MARDIV/Troop Training/Operational Support
MCB, CAMP LEJEUNE, JACKSONVILLE	NC	33,751	86,346.22	HQ 2nd MARDIV/Troop Training/Operational Support
MCAS, CHERRY POINT, HAVELOCK	NC	10,416	11,661.43	HQ 2nd MAW/Jet Training/Operational Support
MCALF, NEW HANOVER, WILMINGTON	NC	-	1,290.28	Aviation Proficiency Training
MCOLF, ATLANTIC, HAVELOCK	NC	-	1,469.32	Aviation Proficiency Training
MCAS, EL TORO, IRVINE	CA	9,403	4,876.79	HQ 3rd MAW/Jet Training/Operational Support
MCALF, PENDLETON, OCEANSIDE	CA	1,452	343	Helicopter Training/Operational Support
MCAS, KANEOHE BAY, KAILA	HI	9,696	39,356.32	1st MarBde/Jet and Helicopter Training, Troop Training/Operations
MCB, TWENTYNINE PALMS, PALMS SPRING	CA	5,881	595,589.13	HQ FORTRPS PAC/MCAGTC, MCCE Schools/Operational
MCAS, YUMA, YUMA	AZ	4,414	2,929.88	Jet Training/Operational Support
MCAS(H), NEW RIVER, JACKSONVILLE	NC	4,303	2,772.91	MAG-26/Helicopter Training/Operational Support
MCOLF, OAK GROVE, NEWBERN	NC	-	976.46	Aviation Proficiency Training/Troop Maneuver Training
MCOLF, CAMP DAVIS	NC	-	956.62	Aviation Proficiency Training
MCAS, BEAUFORT, BEAUFORT	SC	3,959	6,675.66	MAG-31/Jet Training/Operational Support
MCAS(H), SANTA ANA, SANTA ANA	CA	2,467	1,571.54	MAG-16/Helicopter Training/Operation

MARINE CORPS BASE STRUCTURE

GENERAL PURPOSE FORCES

FIFTY STATES

Installations/City	State	Total Personnel	Land Area Acres	Major Unit/Activity/Purpose
GUARD AND RESERVE (205)				
Reserve Centers, Various	Various	33,500	591.74	Marine Corps Reserve Training

FOREIGN AREAS OVERSEAS

GENERAL PURPOSE (202)				
MCB, CAMP BUTLER, FUTENMA	OKINAWA, JA	19,805	91,460.79	HQ III MAF, 1st MAW, and 3rd MARDIV/Troop Training/ Operational Support
MCAS, IWAKUNI, IWAKUNI	JAPAN	5,555	6,603.80	MAG-12 and MAG-15/Jet Training/Operational Support
MCAS, FUTENMA, FUTENMA	OKINAWA, JA	2,850	1,221.93	MAG 36/Helicopter Training Operational Training

MARINE CORPS BASE STRUCTURE

MISSION SUPPORT FORCES

FIFTY STATES

Installations/City	State	Total Personnel	Land Area Acres	Major Unit/Activity/Purpose
GENERAL PURPOSE (402)				
CAMP H. M. SMITH, HONOLULU	HI	1,041	457.37	HQ FMFPAC/HQ CINPAC
CAMP ELMORE, NORFOLK	VA	713	28.02	HQ FMFLANT
MWTC, BRIDGEPORT, BRIDGEPORT	CA	8	60,514.30	Cold Weather and Mountain Warfare Training
MCALF, BOGUE, SWANSBORO	NC	-	837.32	2nd MAW/Expeditionary Airfield Training

FOREIGN AREAS OVERSEAS

GENERAL PURPOSE (402)				
CAMP GARCIA, SAN JUAN	PR	174	10,000	Atlantic Fleet/Force Training

MARINE CORPS BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installations/City	State	Total Personnel	Land Area Acres	Major Unit/Activity/Purpose
CENTRAL SUPPLY MAINTENANCE (507)				
MCLSBLANT, ALBANY	GA	3,494	3,327.40	Weapons Systems and Equipment Support/Depot Maintenance/Supply and Storage
MCLSBPAC, BARSTOW	CA	2,706	5,807.45	Depot Maintenance/Supply and Storage
TRAINING, MEDICAL AND OTHER PERSONNEL (508)				
MCRD, PARRIS ISLAND, BEAUFORT	SC	10,782	8,080.79	Recruit Training
MCRD, SAN DIEGO, SAN DIEGO	CA	11,382	502.70	Recruit Training
MCDEC, QUANTICO, FREDERICKSBURG	VA	8,041	60,336.72	Officer Professional Training/Specialized Enlisted Training/ Research and Development Center
ADMINISTRATION AND ASSOCIATED ACTIVITIES (509)				
HQMC HENDERSON HALL, WASHINGTON	DC	3,406	21.40	Headquarters, U.S. Marine Corps
EIGHTH AND "I", WASHINGTON	DC	957	4.48	Ceremonies/Special Security/Marine Corps Institute
MCAF, QUANTICO, FREDERICKSBURG	VA	485	310.26	Helicopter Support for the President of the U.S., Cabinet Members, and Foreign Dignitaries

SECTION VI

Part 3 USMC

Base Structure Listing by IDPPC Category
in Descending Order by Total Land Area

MARINE CORPS BASE STRUCTURE

GENERAL PURPOSE FORCES

FIFTY STATES

Installations/City	State	Total Personnel	Land Area Acres	Major Unit/Activity/Purpose
GENERAL PURPOSE (202)				
MCB, TWENTYNINE PALMS, PALMS SPRING	CA	5,881	595,589.13	HQ FORTRPS PAC/MCAGTC, MCCE Schools/Operational
MCB, CAMP PENDLETON, OCEANSIDE	CA	34,486	185,925.84	HQ 1st MARDIV/Troop Training/Operational Support
MCB, CAMP LEJEUNE, JACKSONVILLE	NC	33,751	86,346.22	HQ 2nd MARDIV/Troop Training/Operational Support
MCAS, KANEOHE BAY, KAILA	HI	9,696	39,356.32	1st MarBde/Jet and Helicopter Training, Troop Training/ Operations
MCAS, CHERRY POINT, HAVELOCK	NC	10,416	11,661.43	HQ 2nd MAW/Jet Training/Operational Support
MCALF, NEW HANOVER, WILMINGTON	NC	-	1,290.28	Aviation Proficiency Training
MCOLF, ATLANTIC, HAVELOCK	NC	-	1,469.32	Aviation Proficiency Training
MCAS, BEAUFORT, BEAUFORT	SC	3,959	6,675.66	MAG-31/Jet Training/Operational Support
MCAS, EL TORO, IRVINE	CA	9,403	4,876.79	HQ 3rd MAW/Jet Training/Operational Support
MCALF, PENDLETON, OCEANSIDE	CA	1,452	343	Helicopter Training/Operational Support
MCAS, YUMA, YUMA	AZ	4,414	2,929.88	Jet Training/Operational Support
MCAS(H), NEW RIVER, JACKSONVILLE	NC	4,303	2,772.91	MAG-26/Helicopter Training/Operational Support
MCOLF, OAK GROVE, NEWBERN	NC	-	976.46	Aviation Proficiency Training/Troop Maneuver Training
MCOLF, CAMP DAVIS	NC	-	956.62	Aviation Proficiency Training
MCAS(H), SANTA ANA, SANTA ANA	CA	2,467	1,571.54	MAG-16/Helicopter Training/Operation

MARINE CORPS BASE STRUCTURE

GENERAL PURPOSE FORCES

FIFTY STATES

Installations/City	State	Total Personnel	Land Area Acres	Major Unit/Activity/Purpose
GUARD AND RESERVE (205)				
Reserve Centers, Various	Various	33,500	591.74	Marine Corps Reserve Training

FOREIGN AREAS OVERSEAS

GENERAL PURPOSE (202)				
MCB, CAMP BUTLER, FUTENMA	OKINAWA, JA	19,805	91,460.79	HQ III MAF, 1st MAW, and 3rd MARDIV/Troop Training/ Operational Support
MCAS, IWAKUNI, IWAKUNI	JAPAN	5,555	6,603.80	MAG-12 and MAG-15/Jet Training/Operational Support
MCAS, FUTENMA, FUTENMA	OKINAWA, JA	2,850	1,221.93	MAG 36/Helicopter Training Operational Training

MARINE CORPS BASE STRUCTURE

MISSION SUPPORT FORCES

FIFTY STATES

Installations/City	State	Total Personnel	Land Area Acres	Major Unit/Activity/Purpose
GENERAL PURPOSE (402)				
M/TC, BRIDGEPORT, BRIDGEPORT	CA	8	60,514.30	Cold Weather and Mountain Warfare Training
MCALF, BOGUE, SWANSBORO	NC	-	837.32	2nd MAW/Expeditionary Airfield Training
CAMP H. M. SMITH, HONOLULU	HI	1,041	457.37	HQ FMFPAC/HQ CINCPAC
CAMP ELMORE, NORFOLK	VA	713	28.02	HQ FMFLANT

FOREIGN AREAS OVERSEAS

GENERAL PURPOSE (402)				
CAMP GARCIA, SAN JUAN	PR	174	10,000	Atlantic Fleet/Force Training

MARINE CORPS BASE STRUCTURE

CENTRAL SUPPORT FORCES

FIFTY STATES

Installations/City	State	Total Personnel	Land Area Acres	Major Unit/Activity/Purpose
CENTRAL SUPPLY MAINTENANCE (507)				
MCLSBPAC, BARSTOW	CA	2,706	5,807.45	Depot Maintenance/Supply and Storage
MCLSBLANT, ALBANY	GA	3,494	3,327.40	Weapons Systems and Equipment Support/Depot Maintenance/Supply and Storage
TRAINING, MEDICAL AND OTHER PERSONNEL (508)				
MCDEC, QUANTICO, FREDERICKSBURG	VA	8,041	60,336.72	Officer Professional Training/Specialized Enlisted Training/ Research and Development Center
MCRD, PARRIS ISLAND, BEAUFORT	SC	10,782	8,080.79	Recruit Training
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ADMINISTRATION AND ASSOCIATED ACTIVITIES (509)				
MCAF, QUANTICO, FREDERICKSBURG	VA	485	310.26	Helicopter Support for the President of the U.S., Cabinet Members, and Foreign Dignitaries
HQMC HENDERSON HALL, WASHINGTON	DC	3,406	21.40	Headquarters, U.S. Marine Corps
EIGHTH AND "I", WASHINGTON	DC	957	4.48	Ceremonies/Special Security/Marine Corps Institute