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BASE STRUCTURE REPORT FOR FISCAL YEAR 1993

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BASE STRUCTURE REPORT

FOR

FISCAL YEAR 1993

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SUPPLEMENT TO THE FY 1993 PRESIDENT'S BUDGET

PREPARED BY

OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE

(PRODUCTION AND LOGISTICS)

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CHAPTER ONE

INTRODUCTION

Military installations are vital to the Nation's security. The real investment the Nation makes in its defense base structure and facilities is an investment in its military and civilian people -- an investment that enhances the working and living conditions for our people which is repaid in the form of improved pride, greater performance, and enhanced combat readiness.

The FY 1991 base structure of the Department of Defense (DoD) comprised over 5,500 properties and almost 27 million acres of land, with an original investment cost of roughly \$69 billion. The replacement value of these facilities is estimated at over \$600 billion (in FY 1993 dollars). Defense installations and properties range widely in personnel assigned and amount of property controlled: from an unmanned navigational aid station of less than one-half acre to the Naval Station at Norfolk, Virginia with over 60,000 employees and Nellis Air Force Base in Nevada with over 3 million acres. The FY 1991 defense base structure supports 1.8 million military, 1 million Guard and Reserve, and 1 million civilian employees and their families.

The worldwide defense base structure is being drawn down to support the new military force structure, which is being designed to reflect the changing world situation. The defense base structure also must change to reflect these new realities.

I. REPORTING REQUIREMENT

The Base Structure Report is prepared by the Department of Defense to (a) provide information on military installations, (b) relate current DoD base structure to the military force structure, and (c) identify base operating support costs and efforts to reduce such costs.

A written report on DoD base structure is submitted annually by the Secretary of Defense to the Congress under provisions of Section 115 of Title 10, United States Code. The public law calls for the report to identify, define, and group by mission and by region the types of military bases, installations, and facilities. This Base Structure Report satisfies that requirement for FY 1993. It should be used in conjunction with the following related DoD reports for FY 1993 that contain information on defense forces, funds, equipment, and other resources:

- o Secretary of Defense Annual Report to the Congress
- o The Defense Manpower Requirements Report
- o The Military Manpower Training Report

II. CONTENT AND ORGANIZATION

The Base Structure Report has been prepared to provide an understanding of the scope and purpose of DoD base structure as it was at the end of FY 1991 (September 30, 1991). The report furnishes information on each major, minor or support installation, as defined by each Military Service. The report includes the installation location by the name of the nearest city; the Installation Defense Planning and Programming category, which classifies the installation by major Defense Program; the size or importance of the installation; the assigned number of military and civilian personnel; the installation acreage; and the principal unit or mission. Also included in the activity/function column is a note whether the activity or function will change as a result of an announced closure or realignment. The report does not include DoD activities in leased space. The report is organized into a DoD overview section followed by a section for each military service and an appendix.

III. MILITARY SERVICE BASE STRUCTURE CHAPTERS

Each Military Service provides a narrative description of its base structure as of September 30, 1991. The base structure is related to the existing force structure. The programmed base operating support costs are estimated for FY 1993, and efforts made to reduce annual base operating support costs are explained. Each Service Chapter contains the following Sections.

<u>Section</u>	<u>Title</u>
I	Introduction
II	Base Structure Overview
III	Relationship of Base Structure to Force Structure
IV	Base Operating Support Costs
V	Actions to Reduce Base Operating Support Costs
VI	Service Base Structure

Each service assigned a category code number (1, 2, or 3) to each installation. These codes are assigned by the Services to major, minor, or other/support installations which support Service missions. Only those bases with significant personnel assigned are included. For the most part, ranges, radar sites, communication sites, Radar Centers, outlying air fields, and other, often unmanned, properties are not included in this report. Activities in leased space also are not included.

Three categories of population data are depicted for each installation. The authorized full time, permanently assigned military and civilian personnel represent the basic installation population. The military and civilian figures include the average student load at training bases. We added a separate column, "other", to show the tenants on an installation. Included in this "other" category are estimates of contractor personnel and all others whose permanent place of work is the installation. Including these figures in the total more accurately reflects the overall installation workload.

Finally, because of interest shown in the European theater with the end of the Cold War, the Appendix lists each service's European sites in more detail than their respective foreign "installations" section in the body of this report. The Army listing in the Appendix also includes a site breakout for all their foreign installations, which reflects the new organizational structure for support of Army foreign sites. The Appendix also includes summaries and lists of the changes made to the last Base Structure Report as well as definitions of abbreviations and codes.

IV. BASE OPERATING SUPPORT COSTS

All base operating support, either directly or indirectly, contributes to the performance of the military mission. This report defines base operating support costs as the overhead costs of providing, operating and maintaining the defense base structure. In general, base operating support costs are the costs of doing business at installations or, conversely, the costs of mission operations not readily assignable to the missions themselves.

This definition provides a reasonable and uniform basis for reporting the support costs needed to operate and maintain defense installations, so that the operational forces can pursue their mission objectives. These costs include:

- o Real Property Maintenance Activities - Maintenance and repair, minor construction, operation of utilities, and other engineering support

- o Base Operating Support - Payments to the General Services Administration; administrative and data processing activities; supply operations; maintenance of installed equipment; bachelor housing operations and furnishings; morale, welfare, and recreation activities; and other base services and personnel support
- o Construction - Military construction, including family housing new construction and improvements
- o Family Housing Operations and Maintenance - Family housing management, services, utilities, furniture and equipment, leasing maintenance, and repair

V. BASE CLOSURE AND REALIGNMENT

Over the past five years, the Department of Defense has reviewed aggressively the base structure that supports its force structure. The military services have proposed significant changes to their base structure. The domestic changes have been reviewed by Commissions, submitted to the President and approved by Congress. The overseas reductions have been coordinated with our foreign policy objectives and announced following host nation consultation.

Between January 1990 and January 1992, DoD has announced that it would end or reduce operations at 49 overseas sites, almost one-third of the total overseas sites. 463 of these sites are in Europe and 29 are in locations outside Europe. Reviews of the overseas base structure are continuing and future announcements will be made regularly.

The 1988 Commission on Base Realignment and Closure announced the closure of 86 domestic installations and 14 realignments. Forty five other installations were designated to receive missions and functions as a result of these actions. The 1991 Base Closure and Realignment Commission announced an additional 34 domestic closures and 48 realignments. These actions represent a reduction of about 9 percent of the domestic base structure.

Existing legislation authorizes the Defense Base Closure and Realignment Commission to be appointed and meet in 1993 and 1995 to review further domestic base structure adjustments.

VI. CONCLUSION

Military base structure is dynamic, has evolved over time to its present composition, and will continue to evolve. Changing force structure, wartime scenarios, resource availability, advancing technology, and many other factors influence the size of the base structure and the location of the bases. Today, three factors: changing force structure, resource availability, and the fast changing political realities primarily in Eastern Europe, the Soviet Union, and the Middle East combine to require that the Department examine its base structure and close or realign unneeded bases in order to save scarce defense dollars. In addition, DoD is continuing to seek ways to improve the general management of its base structure. The Department's objective is an efficient and effective base structure to meet current and projected peacetime and wartime requirements.

TABLE 1 - SUMMARY OF DOD INSTALLATIONS - SEPTEMBER 30, 1991

Mission Category (IDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
STRATEGIC FORCES				
STRATEGIC (101)	27	0	2	29
INTELLIGENCE AND COMMUNICATIONS (103)	3	0	1	4
GUARD AND RESERVE (105)	7	0	0	7
RESEARCH AND DEVELOPMENT (106)	2	0	0	2
GENERAL PURPOSE FORCES				
GENERAL PURPOSE (202)	74	0	54	135
AIRLIFT/SEALIFT FORCES (204)	14	0	0	17
GUARD AND RESERVE (205)	104	2	0	106
AUXILIARY FORCES				
INTELLIGENCE AND COMMUNICATIONS (303)	15	1	8	24
RESEARCH AND DEVELOPMENT (305)	36	0	0	36
CENTRAL SUPPLY AND MAINTENANCE (EASTERN TEST RANGE) (307)	2	0	0	2
MISSION SUPPORT FORCES				
STRATEGIC (401)	2	0	0	2
GENERAL PURPOSE (402)	37	1	14	52
CENTRAL SUPPORT FORCES				
CENTRAL SUPPLY AND MAINTENANCE (507)	70	1	4	75
TRAINING, MEDICAL AND OTHER PERSONNEL (508)	75	0	1	76
ADMINISTRATION AND ASSOCIATED ACTIVITIES (509)	2	0	0	2
Department of Defense Total:	470	8	91	569

TABLE II

DEPARTMENT OF DEFENSE - BASE OPERATING SUPPORT COSTS - FY1993
(\$ Million)

	<u>Fifty States</u>	<u>US Territories & Possessions</u>	<u>Foreign/Overseas</u>	<u>Total</u>
<u>Major Defense Program Strategic Forces</u>	585.8	.1	13.1	699.0
General Purpose Forces	3,587.0	171.5	2,765.3	6,523.8
Intell/Communications	324.2	7.3	82.7	414.2
Airlift/Sealift	262.3	.3	21.2	283.8
Guard & Reserve Forces	219.9	4.7	-	924.6
Research & Development	1,348.3	4.9	-	1,353.2
Central Supply & Maintenance	5,116.5	86.4	412.2	5,615.1
Training, Medical, & Other General Purpose Activities	2,221.0	.1	9.7	2,230.8
Administration & Assoc. Activities	73.3	-	-	373.3
Support to Other Nations	-	-	-	-
SUBTOTAL	14,838.3	275.3	3,304.2	18,417.8
Construction	2,910.1	110.9	105.7	3,126.7
Family Housing O&M	1,256.6	118.5	1,012.5	2,997.6
TOTAL	19,615.0	504.7	4,422.4	24,542.1

TABLE III

DEPARTMENT OF DEFENSE REAL PROPERTY SUMMARY

SEPTEMBER 30, 1991

<u>MILITARY DEPARTMENT</u>	<u>UNITED STATES</u>	<u>U.S. TERRITORIES AND POSSESSIONS</u>	<u>FOREIGN AREAS</u>	<u>DOD TOTAL</u>
	<u>NUMBER OF PROPERTIES</u>			
	<u>ACREAGE (MILLIONS OF ACRES)</u>			
ARMY	1,289	16	936	2,241
NAVY	503	18	64	585
AIR FORCE	<u>1,982</u>	<u>23</u>	<u>596</u>	<u>2,601</u>
TOTAL	3,774	57	1,596	5,427
ARMY	12.314	.018	.387	12.720
NAVY	3.692	.082	.210	3.984
AIR FORCE	<u>9.616</u>	<u>.026</u>	<u>1.106</u>	<u>10.749</u>
TOTAL	25.622	.126	1.703	27.453

(NOTE: NAVY FIGURES INCLUDE MARINE CORPS)

CHAPTER TWO

ARMY BASE STRUCTURE

I. INTRODUCTION

The Army Base Structure Chapter is submitted in compliance with Section 115 of Title 10, United States Code. This chapter consists of six sections:

- Section I is the Introduction.
- Section II, Base Structure Overview, discusses historical data on the base structure and related manpower trends, outlines the factors that have influenced the Army base structure from World War II to the present, and details the criteria expected to apply to installation planning for the next 20 years.
- Section III relates the needs of the major activities within each Installation Defense Planning and Programming (IDPP) category to the current base structure. This section also describes major changes to the FY 1993 base structure.
- Section IV gives a breakdown of projected Army Base Operating Support Costs for FY 1993.
- Section V summarized recent major actions taken to reduce Base Operations Costs and outlines criteria which would apply to such actions in the future.
- Section VI consists of the listing of the installations, comprising the base structure. 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 Knox, Kentucky, supports the Armor School, an Army Training Center, and a major combat unit.

The definition for an Active Army installation is:

An aggregation of contiguous or near contiguous, common mission-supporting real property holdings under the jurisdiction of the Department of Defense controlled by and at which an Active Army unit or activity is permanently assigned.

For installations in CONUS, this definition is easy to apply. However, in OCONUS, Army units and activities occupy many small individual sites rather than one contiguous CONUS base such as Ft Bragg. Therefore, to compare CONUS installations with OCONUS "installations", it is useful to think in terms of "installation-equivalents" which consist of a near-contiguous grouping of sites, kasernes, barracks, camps, etc., which share a set of community facilities.

For the purposes of this report the following definitions are used to categorize installations:

MAJOR Category 1: - Any Active Army installation which has 5000 or more U.S. service members, and DoD civilian employees assigned as reported in the Army Stationing and Installation Plan (ASIP).

MINOR Category 2: - Any Active Army installation not categorized as Major which has 1000 or more U.S. service members, and U.S. DoD civilian employees assigned as reported in the ASIP.

OTHER Category 3: - Any Active Army installation not categorized as Major or Minor which has approximately 100 or more U.S. service members and U.S. DoD civilian employees assigned as reported in the ASIP.

Army activities not categorized as Major, Minor, or Other are not included in this report.

For a site or property (or collection of properties) to be considered an "installation", it must have an Active Army unit or activity assigned to it. Therefore, the list of installations (Section VI) does not include all Army-owned properties. Properties such as US Army Reserve Component sites, small housing areas, and non-populated sites such as noncontiguous training areas or staging areas have been excluded. The Army base structure on 30 September 1991 is summarized at TABLE IV. The list of Army installations in the U.S. and U.S. Territories and Possessions, and summary of Army overseas sites by organizational structure follows. The list of Army overseas sites is in the Appendix.

II. Base Structure Overview

The mission of the U.S. Army is to organize, train, and equip its forces for prompt and sustained combat to fight and win wars. That mission entails a wide variety of functions requiring both general and specialized base structure support. The Army supports its mission from an essentially fixed-base structure which has evolved from past requirements. This structure is now evolving in response to changing strategy as the Army "rightsizes" and transitions to a new national military strategy. This strategy relies heavily on contingency forces based in the United States. CONUS installations must be world class power projection platforms at which soldiers and units organize and train, are sustained, and from which they mobilize, deploy, and demobilize. Therefore, the Army is committed to protecting and enhancing the Quality of Life on its installations in order to retain trained soldiers, to care for their families, and to provide a suitable working environment for the military force and the civilian work force. Army efforts are focused on both improving the quality and efficiency of services and on revitalizing the facilities.

The current base structure was shaped primarily by the demands of World War II and the Korean War. While the force structure, weapons technology, and tactics have evolved, the face of the base structure and the inherent land and real property assets of individual installations have remained essentially constant. Given this legacy, the Army continues its efforts to improve and realign the base structure to meet current and projected needs. This includes the inactivation and divestiture of inefficient, excess, or underutilized installations and facilities. In addition, the continued reduction in resource levels has intensified DoD and service efforts to perform all functions more efficiently to preserve force structure.

National strategy determines Army force structure which, in turn, drives stationing. Many installations, particularly those where training and operations are conducted are a precious national resource. The need for expandability will always be an important factor. The Army must keep the installations that best contribute to training, force projection, and support of probable future contingencies. When it is feasible and cost-effective, the Army stationing strategy is to consolidate operations at large multi-purpose installations and to reduce the number of small single-purpose bases. These large multi-purpose installations are the enduring bases at which the Army must focus its limited investment dollars for preservation of infrastructure.

The smaller Army of the future may create some excess capacity in its basing structure. Therefore, the Army must divest itself of unnecessary infrastructure to preserve the quality of the remaining infrastructure. The Army faces significant

challenges in maintaining the remaining CONUS installations. Since 1987, the Army has been unable to meet the repair and maintenance requirements of its installations. In the past two years, this problem has grown to where the Army is able to budget to meet only about 60% of these requirements in FY 1993. The Army is restationing its forces to optimize use of the remaining base structure while, simultaneously, making prudent investment in its enduring installations to revitalize the base infrastructure.

The Army tried for many years to close installations. However, the Army's first successful recent efforts to consolidate its functions at installations to more effectively utilize resources began with the 1988 Base Realignment and Closure Commission (BRAC 88). By the end of 1995, the Army will close 75 installations, stand-alone housing sites, and other properties approved in the BRAC process. Of the 89 closures and realignments, the Army will close 7 Minor and 6 Other installations. In addition, the Army will realign units, activities, and functions among 57 other installations.

On 29 January 1990, the Secretary of Defense announced additional BRAC study actions affecting the Army. However, the enactment of the Defense Base Closure and Realignment Act of 1990 halted the major actions proposed. Nevertheless, the Army is able to proceed with the termination of production at the Detroit and Lima Army Tank Plants, the layaway of 6 Army Ammunition Plants, and the termination of production at another. This affects 1 Minor and 6 Other U.S. installations listed in this report.

The Defense Base Closure and Realignment Act of 1990 provides for BRAC commissions in 1991, 1993, and 1995. Although the BRAC 88 closures were driven, to a large extent, by a desire to achieve efficiency in operations, the Army must develop its future BRAC initiatives in conjunction with, and be supported by, a force structure plan and congressionally approved selection criteria. Therefore, while the need to achieve efficiencies remains important, force structure requirements now drive the BRAC process. Army analysis and evaluation now focus on relative military value of installations in addition to economic and environmental considerations.

In response to the new legislation, the Army created the Total Army Basing Study (TABS) group to conduct the analysis process and to develop BRAC recommendations for consideration by the Army and DoD leadership. The 1991 Commission completed its review, and both Congress and the President have accepted their recommendations. The Army is now executing these actions. Three Major installations (Forts Devens, Ord, and Ben Harrison) and one Minor installation (Sacramento Army Depot) will close; one Major (Fort Dix) and one Minor (Fort Chaffee) will realign and reduce to retention of an active Army garrison in support of Reserve Component activities.

Overseas, the Army is withdrawing from and returning many of its sites to Host nation control as forces inactivate or return to the United States. In this overseas realignment of sites, six separate announcements to date have involved Army bases in six countries. Prior to these announcements, the Army controlled approximately 1000 sites outside of the U.S., about 850 of these in Europe. The Army currently plans to return or reduce operations at over 430 sites in Europe by FY 1994. The Army also has changed the organizational structure for supporting Army overseas sites. This new organizational structure is reflected in this report.

The Army continues to reevaluate its requirements for foreign bases and is negotiating with Host nations for the turnover of bases. After review by U.S. State Department and DoD leadership, the Secretary of Defense will continue to announce additional overseas sites for return to Host country control or reduced operations.

For future BRAC actions the Army will apply the following principles:

- Maximize readiness with installations capable of generating, projecting, and sustaining combat power in support of national military objectives.
- Consolidate into the best, most efficient facilities.
- Maximize quality of life and minimize hardships for soldiers, their families, and civilian employees.
- Provide appropriate expandibility and reversibility to ensure an installation base capable of responding to future force structure requirements.
- Provide adequate mobilization capability to train and mobilize as called for by various military contingencies.
- Provide adequate training land and facilities to sustain a trained and ready force.
- Consider the costs and savings of proposed realignments and closures.
- Consider the economic impact on communities.
- Consider environmental impacts, restoration, and costs of proposed realignments and closures.

III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

As the Army rightsizes, its basing strategy becomes even more critical in maintaining a trained and ready force. The well-being of the Army's future force capability and quality of life will be determined by how well Army installations are managed and its base structure realigned.

As mentioned earlier, national strategy determines force structure which, in turn, drives stationing. The Army accords priority to stationing divisions and other major tactical units based on such critical factors as: adequate maneuver and training space and ranges; availability of housing and support; and, constraints required to ensure effective environmental stewardship. Because stationing choices are, of necessity, made from existing installations originally acquired to meet less demanding past training requirements, they involve some compromise. Modern forces and training requirements are land intensive and require more maneuver area. For those divisions having pre-positioned unit equipment overseas, precise CONUS location is no longer a major consideration. Strategic airlift can move personnel and individual equipment east or west with no significant time differential. For units scheduled to move by surface transport with full equipment, availability of transportation assets is an important criterion.

The CONUS logistics and research and development base structure is also evolutionary. It was created during mobilization for World War II at widely dispersed locations in anticipation of enemy attack against the homeland. The services have begun to consolidate functions within and across service boundaries. The Army is in the process of reviewing its industrial mobilization capacity. Operation Desert Shield/Storm experience and world events indicate that some mobilization capability is outdated, unneeded, and underutilized.

STRATEGIC FORCES (100)

Base Requirements:

Army strategic forces consist primarily of strategic command and surveillance forces and activities that are normally tenants on installations which have, as their primary mission, the support of other type units and missions.

GENERAL PURPOSE FORCES (200)

Base Requirements:

The Army must train in the ways that it will fight. The battalion task force, the lowest level at which all elements of the combined arms team come together, must regularly practice and deploy on fronts and depths comparable to those expected in wartime. Brigade exercises must be conducted to exercise the full range of fire support, operations, and logistical contingencies. Division commanders must deploy critical elements of their commands in order to exercise an appropriate range of combined arms operations in a joint setting. All units must have sufficient land to train and fire their weapons. The Army goal is to maneuver brigade-size combined arms teams at their home station and to provide each brigade and battalion commander the opportunity to train at a combat training center.

Units without pre-positioned equipment overseas should have easy access to air and surface transportation and the port of embarkation (sea and air) to meet early deployment requirements.

Another key element in the mobilization stationing requirement is the necessity for providing Reserve Component units with annual training and inactive duty training sites.

Based on the national military strategy, by FY 1995, the Army's portion of the force will consist of 20 divisions; 12 Active, 6 Reserve, and 2 Cadre. These divisions will be organized into four Corps. These units will be configured and stationed to fulfill the Army's following strategic roles:

- Forward Presence to provide forward deployed ground forces for deterrence, sustained land combat, and conflict termination in areas of vital interest. These forces consist of 6 Brigades in the Pacific and 6 Brigades and an Armored Cavalry Regiment in Europe. In addition, there is one special mission brigade in Panama. Treaty requirements call for the full withdrawal of U.S. forces from Panama by 1999.
- Immediate Contingencies that may require forcible entry and that require maintaining combat ready ground forces (heavy, light, and special operations) in CONUS. These forces consist of 5 fully-structured, CONUS-based Active Divisions: 1 Airborne, 1 Light, 1 Air Assault, and 2 Armored/Mechanized.

- Reinforcement with CONUS-based forces able to reinforce Forward Deployed and Contingency forces or to meet a concurrent contingency. This mission is assigned to 3 Active Round Out Divisions.
- A Major European Contingency (traditional role of Reserve Divisions) performed by 6 Reserve Divisions: 5 Armored/Mechanized and 1 Light.
- Reconstitution capability provided by 2 Cadre Divisions and through rearmament, short-term force generation, and long-term force expansion.
- Civil Support by participation in interdiction of illicit drug traffic, disaster relief, and assistance during other emergencies.
- Peacetime Support to allied and friendly nations through peacekeeping, security assistance, and Army-to-Army initiatives.

Nondivisional combat general purpose forces are distributed throughout the base and force structure.

The Army also maintains semi-active installations that primarily support training Reserve Component units and mobilization. In addition, states, territories, commonwealths, possessions, and the District of Columbia own or lease installations and facilities to support weekend and annual training and mobilization for Army National Guard units. While Active component installations also perform these functions, they do not have sufficient capacity to satisfy the total requirement. To conduct the training required, National Guard and Reserve units have access to additional local and regional acreage.

The Military Traffic Management Command (MTMC), with area command headquarters at Bayonne, New Jersey and Oakland, California, performs terminal and outport functions. Each area command headquarters commands a military ocean terminal for general cargo at its respective location and military outports at various commercial ports. The DoD's transportation mission is accomplished almost exclusively with commercial resources. The military ocean terminals, which are shared with industry during peacetime, return to military use when needed. Hazards involved in moving ammunition require that separate Government-owned terminals be maintained.

AUXILIARY FORCE (300)

Basing Requirements:

Research, development, testing, and evaluation (RDT&E) of Army materiel, weapons, and support systems are accomplished primarily by the U.S. Army Materiel Command, Strategic Defense Command (SDC), U.S. Army Medical Research and Development Command, and U.S. Army Corps of Engineers. These missions require numerous test facility complexes, laboratory and research facilities, and administrative headquarters facilities. They operate as RDT&E installations/activities or as tenant facilities on other installations. Generally, these research and testing facilities require a highly sophisticated work force and equipment. Testing facilities are usually in remote areas requiring a constant, on-site work force. These facilities are an integral part of the materiel development and acquisition mission and significantly contribute to U.S. efforts to maintain a lead in weapon systems technology.

The U.S. Army Information System Command (USAISC) provides general, Army-wide, non-tactical Information Mission Area (IMA) support. To provide IMA support, USAISC requires IMA facilities at selected installations. Their primary subdisciplines include non-tactical communications and automation. Additionally, facilities on installations are used by USAISC to support the Defense Information Systems Agency and the Army's command and control requirements.

MISSION SUPPORT FORCES (400)

Basing Requirements:

To provide adequate command, control, and management of resources, the Army's base structure includes installations which serve as homes for major command headquarters. Typically, these organizations require a highly sophisticated work force and access to rapid transportation not normally found at remote locations.

CENTRAL SUPPORT FORCES (500)

Basing Requirements:

Central Support Forces form the bulk of the Army's sustaining base that supports combat forces and consist of the Army's arsenals, industrial production facilities, supply

and maintenance depots, service schools and universities, and medical facilities and activities.

Since 1813, arsenals have served as centers for the preservation of unique skills required for the defense of the United States. Their role has evolved from manufacturing, storage, and maintenance of weapons to 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. Government-owned, contractor-operated (GOCO) plants are production-type installations used in the production of munitions, tanks, aircraft, electronics, and missiles. The Army has placed a number of these in standby/layaway status. These plants provide the flexibility to rapidly expand our contract capability consistent with requirements. Continued modernization of these plants is essential to maintain a viable production capability.

The Army's wholesale depots store, maintain, and distribute major items. They also store war stocks for Reserve Component forces. These depots also provide for safe storage, maintenance, distribution, and, in some cases, demilitarization of explosives, special weapons, and toxic and chemical materials.

DoD has consolidated, where practicable, supply distribution functions with the Defense Logistics Agency. Sharpe and New Cumberland Army Depots have already been transferred to DIA. Distribution depots support assigned geographic areas, both CONUS and overseas, for storage and distribution of secondary items. Some depots also have maintenance activities.

Army Service Schools' primary mission is to replenish forces with trained personnel in peacetime and to maintain an expansion capability to support mobilization. Army schools have established centers of excellence for training and doctrine for all branches and support training of other DoD, federal, and local activities, as well. Generally, these installations are multi-purpose and also support combat, combat service, and combat service support forces.

Medical facilities and activities provide health services to Active Army forces and other authorized beneficiaries. Station (community) hospitals provide basic and general ambulatory and inpatient health services. In addition to basic and general health services, Army medical centers provide regional specialty and sub-specialty consultative

and referral health services for the Army, as well as other Military Services and Federal agencies. Medical centers also provide the primary capabilities for care of casualties in the event of contingencies or mobilization and serve as the source of graduate, specialized, and technical training for health professionals and technicians.

INDIVIDUALS (6001)

The Army has no major installations falling into this category.

IV. BASE OPERATIONS COSTS (BOS) COSTS FOR FY 1993

See TABLE V.

V. ACTIONS TO REDUCE ANNUAL BASE OPERATIONS COSTS

The Army continues an active program to promote management efficiencies and to consolidate or eliminate functions in order to reduce base operations costs. The most visible efforts are the series of on-going BRAC actions to eliminate the bases which are excess. These actions were discussed in Section II.

In addition to the BRAC actions, the Army has initiated a facilities reduction program to help improve funds availability for maintaining remaining installation facilities. Therefore, in April 1991, the Army formally established reduction goals for its U.S. facilities.

The Facility Reduction Program includes three elements:

- Improved utilization of permanent facilities;
- Consolidation into the best facilities; and
- Disposal of the worst facilities.

Reduction targets have been disseminated to each of the MACOMs with major landholdings. Successful completion of the program will result in the disposal of 33.3 million square feet of facilities during FY92 - FY96, a reduction of 3%.

As an additional element of the program, MACOMs are required to dispose of one-square-foot of temporary facilities for each square-foot of new construction. This requirement begins in FY 1992 and attempts to limit growth in the facilities inventory. Most base realignment and closure and chemical demilitarization construction will not be included in this requirement.

Both DoD and the Army have initiated a series of management initiatives, many of which are directed at achieving savings in the operations of installations. Fully 20% of the Army savings from the Defense Management Report Decisions were taken from BASOPS accounts. These initiatives include:

- Consolidation of installation engineer functions into regional "public works" centers. All base units and activities will be required to pay directly for the space and services they receive and for their share of common grounds and facilities. The intent is to force users into more efficient use of facilities.
- Consolidation of commissaries into a DoD agency.
- Conversion of Army's installation detention facilities into DoD regional correctional facilities for all of the services and the closure of five Army facilities.
- Consolidation of printing functions and plants and their transfer to the Navy which will perform this function for all DoD services and agencies.
- Consolidation of budget spaces and functions from other directorates at installations into the Directorate for Resource Management.
- Consolidation of the Directorate of Reserve Component Support into the Directorate of Plans, Training, and Security.
- Consolidation of reenlistment functions at installations and elimination of civilian support personnel for this function.
- Consolidation of EEO offices at installations and streamlining their administrative support.
- Elimination of the Military Police functions of crime prevention and AWOL apprehension.

In another major initiative, the BASOPS support costs will be paid for directly by the units and activities on an installation vice the current means where the major activity is funded for and provides all support. Under the new system, each unit and activity would have funds for their BASOPS support included in their mission funding. They would be required to negotiate reimbursable support agreements with the installation but would have some choice in the level of service to which they subscribe and in the provider of the service. However, they will be required to subscribe and pay set fees for common grounds, facilities, and services.

This system will make the costs of providing facilities and services visible to both the customer and the provider and will provide incentives for the customers to conserve their usage and for the providers to provide efficient services or lose their customers.

Finally, Congress has authorized initiatives impacting installations which improve the provision of health care to all service members and which revitalize installation infrastructure. These initiatives involve:

- Consolidation of Defense Health Program resources from the services' operating budgets to a separate appropriation managed by the ASD (Health Affairs).
- Development of the Capital Investment Strategy (CIS), a zero-based, real property requirements analysis that examines management and construction alternatives to solve inadequacies and deficits, regardless of funds source, as part of an installation's master plan.

TABLE IV - SUMMARY OF ARMY INSTALLATIONS - SEPTEMBER 30, 1991

Mission Category (IDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
INTELLIGENCE AND COMMUNICATIONS (103)				
GENERAL PURPOSE (202)	1	0	0	1
AIRLIFT/SEAFLEET (204)	20	0	22	42
GUARD AND RESERVE (205)	3	0	0	3
INTELLIGENCE AND COMMUNICATIONS (303)	10	1	0	11
RESEARCH AND DEVELOPMENT (306)	2	0	1	3
GENERAL PURPOSE (402)	13	0	0	13
CENTRAL SUPPLY AND MAINTENANCE (507)	8	0	5	13
TRAINING, MEDICAL AND OTHER PERSONNEL (508)	29	0	1	30
ADMINISTRATION AND ASSOCIATED ACTIVITIES (509)	25	0	0	25
	1	0	0	1
TOTAL ARMY	112	1	29	142

Installation Name	City	IDFPC	Cat:	Mil	Civ	Other	Tot	Total Acreage	Round	BRAC	Major Unit-Activity Function
ALABAMA											
ANNISTON ARMY DEPOT	ANNISTON	507	2	47	4293	0	4340	15279			LOGISTICS DEPOT
MCCLELLAN, FORT	ANNISTON	508	1	6377	1423	C	7800	45679			MIL POLICE SCHOOL & TNG CTR
REDSTONE ARSENAL	HUNTSVILLE	306	1	3299	12821	5098	21218	38235			ROCKET&GUIDED MSL, R&D, SCH&CT
RUCKER, FORT	DALEVILLE	508	1	6532	3369	456	10357	60078			AVIATION CENTER & SCHOOL
ALASKA											
CREELY, FORT	DELTA JUNCTION	202	3	426	283	51	760	639086			R&D TEST CENTER(APTIC TNG CT
RICHARDSON, FORT	ANCHORAGE	202	1	4047	1278	151	5476	61329			172ND INFANTRY BRIGADE
WAINWRIGHT, FORT	FAIRBANKS	202	1	5423	1044	173	6640	656232			172ND INFANTRY BRIGADE
ARIZONA											
HUACHUCA, FORT	SIERRA VISTA	303	1	6591	3562	2159	12312	121449			COMM CMD&INTELLIGENCE SCH
YUHA PROVING GROUND	YUMA	306	2	296	1090	704	2090	1009736			R & D TEST CENTER
ARKANSAS											
CHAFFEE, FORT	FORT SMITH	205	2	326	763	21	1110	71773		91 R	RC & ACTIVE ARMY TNG
PINE BLUFF ARSENAL	PINE BLUFF	507	2	97	1332	344	1673	14949			SM AVIATION/RC SUPPORT
CALIFORNIA											
DEFENSE DEPOT, TRACY	TRACY	507	2	14	2819	0	2833	448			LOGISTICS DEPOT (DLA)
HUNTER LIGGETT, FORT	JOLON	202	3	581	47	252	880	164762			DIV TNG-CDEC
IRWIN, FORT	BARSTON	202	1	4210	810	1234	6254	636308			NATIONAL TRAINING CENTER
MONTEREY, PRESIDIO OF	MONTEREY	508	2	3628	1237	2	4867	392			DEFENSE LANGUAGE SCHOOL
OAKLAND ARMY BASE	OAKLAND	204	2	213	1252	1080	2545	561			HARBOR & PORT
ORD, FORT	SEASIDE	202	1	14306	2192	672	17170	28057		91 C	7TH INFANTRY DIVISION (MECH)
SACRAMENTO ARMY DEPOT	SACRAMENTO	507	2	623	2637	237	3487	485		91 C	LOGISTICS DEPOT
SAN FRANCISCO, PRESIDIO OF	SAN FRANCISCO	402	2	1585	2479	412	4476	1280		88 C	HQ&ADMIN/LETTERMN MED CTR
SHARPE ARMY DEPOT	STOCKTON	507	1	75	1286	95	1456	724			LOGISTICS DEPOT (DLA)
SIERRA ARMY DEPOT	HERLONG	507	2	380	638	52	1070	96430			LOGISTICS DEPOT
COLORADO											
CARSON, FORT	COLORADO SPGS	202	1	15868	2174	566	19608	137391			4TH INFANTRY DIVISION (MECH)
FITZSIMONS ARMY MEDICAL CTR	AURORA	508	2	1694	1789	231	3714	577			HEALTH CARE
PUEBLO ARMY DEPOT ACTIVITY	PUEBLO	507	2	5	703	10	718	23124		88 R	LOGISTICS DEPOT
DIST OF COLUMBIA											
MCNAIR, FORT LESLIE J.	WASHINGTON	508	2	841	1689	0	2530	98			NATIONAL DEFENSE UNIVERSITY
WALTER REED ARMY MEDICAL CTR	WASHINGTON	508	1	3208	3832	516	7556	113			HEALTH CARE

ARMY BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
GEORGIA										
BENNING, FORT	COLUMBUS	508	1	23761	4632	2949	31362	12138		THE INFANTRY CENTER & SCHOOL
GILLEM, FORT	FOREST PARK	402	2	1075	2590	145	3810	1427		SECOND ARMY HQ
GORDON, FORT	AUGUSTA	508	1	11167	3120	0	14287	56498		SIGNAL CENTER & SCHOOL
HUNTER ARMY AIRFIELD	SAVANNAH	202	2	3936	185	492	4613	5655		24TH INFANTRY DIVISION TNG
MCPHERSON, FORT	ATLANTA	402	2	1350	2422	356	4128	488		FORSYTH HQ
STEWART, FORT	HINESVILLE	202	1	14508	2393	1719	18620	284381		24TH INFANTRY DIV (MECH)
HAWAII										
DERUSSY, FORT	HONOLULU	205	2	105	633	0	739	74		ARMY RESERVE HQ
SCHOFIELD BARRACKS MIL RES	WAHIAWA	202	1	14206	921	390	15517	14506		25TH INF DIV/WHEELER AAF
SHAFTER, FORT	HONOLULU	402	2	1185	2648	161	3994	590		HEADQUARTERS & ADMIN
TRIPLER ARMY MEDICAL CENTER	HONOLULU	508	2	1393	1072	20	2485	368		HEALTH CARE
ILLINOIS										
CHAS M. PRICE SUPPORT CTR	GRANITE CITY	402	3	61	205	255	521	752		COMMUNITY SUPPORT
ROCK ISLAND ARSENAL	ROCK ISLAND	507	1	479	6732	686	7897	913	91 R	R&D, PRODUCTION-TANK COMPONENT
SAVANNA ARMY DEPOT ACTIVITY	SAVANNA	507	2	20	573	13	606	13064		LOGISTICS DEPOT
SHERIDAN, FORT	HIGHLAND PARK	508	2	1140	1391	56	2587	694	98 C	RECRUITING COMMAND HQ
INDIANA										
CRANE ARMY AMMO ACT	CRANE	507	2	4	704	0	708	95430		NV WFS SUP PROD/RENOVATION
HARRISON, FT BENJAMIN	INDIANAPOLIS	508	1	3903	6346	311	10960	25014	91 C	US ARMY INST OF PERS&RES MGT
JEFFERSON PROVING GROUND	MADISON	305	3	14	411	0	425	55273	88 C	R&D AMMO TEST CENTER
KANSAS										
LEAVENWORTH, FORT	LEAVENWORTH	508	1	4510	2351	661	7522	6995		CMD & GENERAL STAFF COLLEGE
RILEY, FORT	JUNCTION CITY	202	1	15807	2295	509	18611	100695		1ST INFANTRY DIV (MECH)
KENTUCKY										
CAMPBELL, FORT	CLARKSVILLE	202	1	23183	2590	364	26137	36594		101ST AIRBORNE DIVISION
KNOX, FORT	LOUISVILLE	508	1	14900	4301	0	19201	109225		US ARMY TRAINING CENTER
LEXINGTON BLUEGRASS DEPOT	LEXINGTON	507	2	119	2090	5	2214	780	88 R	LOGISTICS DEPOT
LOUISIANA										
POLK, FORT	LEESVILLE	202	1	15572	2528	1629	19729	198259	91 R	5TH INFANTRY DIV (MECH)
MARYLAND										
ABERDEEN PROVING GROUND	ABERDEEN	306	1	5472	8935	2216	16623	72518		R&D TEST/ORDNANCE SCH&CTR
DETRICK, FORT	FREDERICK	306	2	891	3265	54	4210	1153	91 R	R&D ACTIVITIES

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
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Installation Name	City	IDPPC	Cat	Code	Mil	Civ	Other	Tot	Total Acage	BRAC Round	Major Unit-Activity Function
DMA HYDRO/TOPOGRAPHIC CTR	BROOKMONT	507	2	29	1291	1291	0	2611	40	91 R	PROD OF MAPS/CHARTS (DMA)
HARRY DIAMOND LABS	ADELPHI	306	2	55	1550	56	0	1661	1600	91 R	TEST SITE
HOLABIRD, FORT	BALTIMORE	402	2	20	608	0	0	628	94	88 R	CRIME RECORD/DEF INV SERVICE
MEADE GEORGE G, FORT	ODENTON	402	1	7116	25790	0	0	32906	13751	88 I	HEADQUARTERS & ADMIN, NSA
MITCHELL, FORT	CASCADE	103	2	1122	1160	0	0	2282	642	88 I	COMMUNICATIONS
MASSACHUSETTS											
DEVENS, FORT	AYER	508	1	4822	1910	246	0	6978	11576	91 C	INTELLIGENCE TRAINING
USA NAT & MECH RESEARCH CTR	WATERTOWN	306	2	8	558	0	0	566	48	88 C	R&D ACTIVITIES
USA NATICK RSCH & DEV CTR	NATICK	306	2	153	1090	0	0	1243	81	88 C	R&D ACTIVITIES
MICHIGAN											
DETROIT ARSENAL	WARREN	306	1	314	5403	144	0	5961	388	91 R	R&D, PRODUCTION-TANKS
US ARMY GARRISON, SELFRIDGE	SELFREDGE	507	2	763	328	150	0	1241	520	91 R	TACOM SUPPORT ACT
MISSOURI											
ST LOUIS ARMY AMMO PLT	ST LOUIS	507	2	6	521	0	0	529	26	91 R	PRODUCTION-PROJECTILES
WOOD, FORT LEONARD	JEFFERSON CITY	508	1	15594	2411	2691	0	20696	62911	91 R	US ARMY TRAINING CENTER
NEW JERSEY											
DIX, FORT	TRENTON	205	2	2958	1958	0	0	4916	31066	91 R	RES COMP TRAINING CTR
MIL OCEAN TERMINAL-BAYONNE	BAYONNE	204	2	179	1751	306	0	2236	679	91 R	HARBOR & PORT
MONMOUTH, FORT	RED BANK	306	1	2661	7897	0	0	10558	2105	91 R	R&D HEADQUARTERS
PICATINNY ARSENAL	DOVER	306	1	173	4966	182	0	5321	6491	91 R	R&D HEADQUARTERS
NEW MEXICO											
WHITE SANDS MISSILE RANGE	WHITE SANDS	306	1	1047	3632	2275	0	6954	1746720	91 R	R&D WEAPONS TEST CENTER
NEW YORK											
DRUM, FORT	WATERTOWN	205	1	10538	2117	279	0	12934	107665	91 R	RC & ACTIVE ARMY TNG
HAMILTON, FORT	BROOKLYN	205	2	538	316	0	0	854	177	91 R	ADMIN & LOGISTICAL SUPPORT
SENECA ARMY DEPOT	ROMULUS	507	2	637	962	57	0	1656	10830	91 R	LOGISTICS DEPOT
STEWART ANNEX	NEWBURGH	402	2	991	156	60	0	1207	403	91 R	HOUSING
WATERVLIET ARSENAL	WATERVLIET	507	2	12	2396	0	0	2408	142	91 R	R&D, PROD-ARTILLERY COMPONENT
WEST POINT MILITARY RES	WEST POINT	508	1	5421	2512	687	0	8620	14930	91 R	USMA-OFF ACQUISITION TNG
NORTH CAROLINA											
BRAGG, FORT	FAYETTEVILLE	202	1	42857	6114	1186	0	50157	142081	91 R	82ND AIRBORNE DIVISION
MIL OCEAN TERMINAL-SUNNY PT	SOUTHFORT	204	3	13	272	29	0	314	16324	91 R	HARBOR & PORT
OHIO											

DEPARTMENT OF DEFENSE
ARMY BRANCH STRUCTURE
United States
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Installation Name	City	IDPFC	Cat	Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
DEF CONSTRUCTION SUPPLY CTR	COLUMBUS	507	2		30	2177	0	2207	566		ICP & LOGISTICS DEPOT (DLA)
OKLAHOMA											
MCALESTER ARMY AMMO PLT	MCALESTER	507	2		19	212	111	1042	44964		STORAGE-AMMO
SILL, FORT	LAWTON	508	1		16671	2783	0	19454	94222		FLD ARTILLERY CTR&SCH
PENNSYLVANIA											
CARLISLE BARRACKS	CARLISLE	508	2		576	645	278	1499	403		US ARMY WAR COLLEGE
CHARLES E. KELLY SPT FAC	PITTSBURG	202	3		168	243	45	456	208		RESERVE COMPONENT SUPPORT
DEFENSE PERSONNEL SUPPORT CT	PHILADELPHIA	507	2		119	4056	0	4185	86		PROC CLOTH/MED/SUPS (DLA)
INDIANTOWN GAP, FORT	ANNVILLE	205	2		593	677	69	1339	13		RC & ACTIVE ARMY TNG
LETTERKENNY ARMY DEPOT	CHAMBERSBURG	507	1		352	4497	152	5001	19243		LOGISTICS DEPOT
NEW CUMBERLAND DEPOT	NEW CUMBERLAND	507	2		257	3492	45	3794	832		LOGISTICS DEPOT (DLA)
TOBYHANNA ARMY DEPOT	TOBYHANNA	507	2		47	3716	0	3763	1294		LOGISTICS DEPOT
SOUTH CAROLINA											
JACKSON, FORT	COLUMBIA	508	1		15522	2215	0	17737	52246		US ARMY TRAINING CENTER
TENNESSEE											
DEFENSE DEPOT, MEMPHIS	MEMPHIS	507	2		12	1699	0	1711	642		LOGISTICS DEPOT (DLA)
TEXAS											
BLISS, FORT	EL PASO	508	1		16055	4486	137	20676	125300		AIR DEFENSE CENTER & SCHOOL
BULLIS, CAMP	SAN ANTONIO	205	3		1250	38	0	1288	27880		RESERVE COMPONENT TNG
CORPUS CHRISTI ARMY DEPOT	CORPUS CHRISTI	507	2		40	3698	49	3787	5		HELICOPTER MAINTENANCE
HOOD, FORT	KILLEEN	202	1		30877	3474	0	34351	217345		1ST CAVALRY/2ND ARMORED DIV
FED RIVER ARMY DEPOT	TEXARKANA	507	2		53	4586	226	4865	19084		LOGISTICS DEPOT
SAM HOUSTON, FORT	SAN ANTONIO	508	1		9560	4558	2214	16332	3150		MEDICAL TRAINING HQ
UTAH											
DEFENSE DEPOT, OGDEN	OGDEN	507	2		10	1458	0	1468	1326		LOGISTICS DEPOT (DLA)
DUGWAY PROVING GROUND	DUGWAY	306	2		315	875	456	1647	802724		R&D TEST CENTER
STEVEN A. DOUGLAS, AFRC	SALT LAKE CITY	202	3		180	196	10	386	120		RES. COMP SUPPORT
TOOELE ARMY DEPOT	TOOELE	507	2		79	3292	33	3404	24735		LOGISTICS DEPOT
VIRGINIA											
A.P. HILL, FORT	BOWLING GREEN	205	3		112	228	0	340	76055		FC & ACTIVE ARMY TNG
BELVOIR, FORT	ALEXANDRIA	508	1		4832	7003	4	11839	8655	91 R	ENGINEER CENTER & SCH
CAMERON STATION	ALEXANDRIA	507	2		326	3474	186	3986	168	88 C	HQ DEFENSE LOGISTICS AGENCY
DEF GENERAL SUPPLY CTR	RICHMOND	507	2		35	2794	0	2829	647		ICP & LOGISTICS DEPOT (DLA)
EUSTIS, FORT	NEWPORT NEWS	508	1		7540	2706	0	10246	8229		TRANSFORMATION CTR & SCHOOL
LEE, FORT	PETERSBURG	508	1		7594	4883	39	12516	5575		QUARTERMASTER CTR&SCH

DEPARTMENT OF DEFENSE
 ARMY BASE STRUCTURE
 United States
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Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
MONROE, FORT	HAMPTON	508	2	1033	2738	203	3974	570		TRADOC HEADQUARTERS
MYER, FORT	ARLINGTON	202	2	2805	188	0	2993	256		ADMIN & LOGISTICAL SUPPORT
PENTAGON RESERVATION	ARLINGTON	509	1	14020	16754	1032	31806	285		PENT, FOB2, H/A, SWG (DOD)
PICKETT, FORT	BLACKSTONE	205	2	79	488	9	576	45160		RC & ACTIVE ARMY TNG
STORY, FORT	VIRGINIA BEACH	202	2	1763	117	0	1880	1451		AMPHIB & RC TRAINING
VINT HILL FARMS STATION	WARRENTON	303	2	821	948	184	1953	701		COMM & INTELLIGENCE ACT
WASHINGTON										
LEWIS, FORT	TACOMA	202	1	14721	4316	343	19380	86190		9TH INFANTRY DIVISION
WISCONSIN										
MCCOY, FORT	SPARTA	205	2	673	1232	369	2274	62689		RC & ACTIVE ARMY TNG

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 ARMY BASE STRUCTURE
 United States Territories and Possessions
 September 30, 1991

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
PUERTO RICO										
BUCHANAN, FORT	SAN JUAN	205	2	351	564	1097	1992	726		RESERVE COMPONENT TRAINING

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 ARMY BASE STRUCTURE
 Used by U.S. Forces in Foreign Areas
 September 30, 1991

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
BELGIUM										
80TH ASG	MONS	402	2	2079	600	1374	4053	1235		HQ/ADMIN
GERMANY, FEDERAL REP OF										
100TH ASG	GRAFENWOEHR	202	1	13512	1712	5166	20390	114223		HQ/ADMIN
103RD ASG	FRANKFURT	202	1	13607	5771	6220	25598	4783		HQ/ADMIN
104TH ASG	HANAU	202	1	22998	3039	4206	30243	21781		HQ/ADMIN
26TH ASG	HEIDELBERG	202	1	18802	6032	11171	36005	18312		HQ/ADMIN
29TH ASG	KAISERSLAUTERN	202	1	11470	5138	10748	47356	12898		HQ/ADMIN
53RD ASG	BAD KREUZNACH	202	1	13340	1454	7924	22718	4764		HQ/ADMIN
543RD ASG	BREMENHAVEN	202	2	4194	762	2484	7440	906		HQ/ADMIN
54TH ASG	BRUNSSUM, NE	202	2	428	69	1062	1559	3524		HQ/ADMIN
6TH ASG	STUTTGART	402	1	7671	2326	2963	12960	4442		HQ/ADMIN
98TH ASG	WUERZBURG	202	1	14980	1310	3917	20207	23520		HQ/ADMIN
99TH ASG	NUERNBERG	202	1	18104	3323	5173	26600	22403		HQ/ADMIN
ARMED FORCES REC CENTER	GRAMISCH	202	3	93	125	243	461	239		RECREATION
BERLIN	BERLIN	202	1	3271	3258	25	6554	2078		HQ/ADMIN
MUNICH	MUNICH	202	2	828	1521	733	3082	378		HQ/ADMIN
SETAF	ARGYROUPOLIS	202	3	80	15	138	233	8		HQ/ADMIN
ITALY										
22ND ASG	VICENZA	402	2	2879	645	908	4432	270		HQ/ADMIN
8TH ASG	LIVORNO	202	2	1066	193	662	1921	2872		HQ/ADMIN
JAPAN										
10TH ASG	TORII STATION	202	2	594	126	610	1330	1030		HQ/ADMIN
17TH ASG	CAMP ZAMA	402	2	913	855	2518	4286	2272		HQ/ADMIN
KOREA, REPUBLIC OF										
20TH ASG/AREA IV	CAMP HENRY	202	1	3374	456	5706	9536	3503		HQ/ADMIN
23RD ASG/AREA III	CAMP HUMPHREYS	202	1	4413	84	1911	6408	1424		HQ/ADMIN
34TH ASG/AREA II	YONGSAN	402	1	8090	1277	8972	18339	1719		HQ/ADMIN
501ST CSG/AREA I	CAMP RED CLOUD	202	1	19500	229	5814	25543	48260		HQ/ADMIN
NETHERLANDS										
54TH ASG	BRUNSSUM	202	3	1230	224	493	1947	26		HQ/ADMIN
PANAMA										
U.S. ARMY GARFISON, PANAMA	FORT CLAYTON	202	1	8595	3805	2601	15001	63443		HQ/ADMIN

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 ARMY BASE STRUCTURE
 Used by U.S. Forces in Foreign Areas
 September 30, 1991

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
TURKEY										
SETAF		202	3	342	24	307	673	83		
U.S. ARMY FIELD STATION	CAKMAKLI	303	3	25	1	0	26	382		HC/ADMIN COMMO
	SINOP									
UNITED KINGDOM										
47TH ASG	BURTONWOOD	507	3	39	34	765	858	1735		OTHER

TABLE V

ARMY - BASE OPERATING SUPPORT COSTS--FY1993
(\$ Million)

<u>Major Defense Program</u>	<u>Fifty States</u>	<u>US Territories & Possessions</u>	<u>Foreign/Overseas</u>	<u>Total</u>
Strategic Forces	-	-	-	-
General Purpose Forces	1,645.5	12.9	1,113.4	2,771.8
Intell/Communications	31.0	-	-	31.0
Airlift/Sealift	-	-	-	-
Guard & Reserve Forces	350.3	4.5	-	354.8
Research & Development	413.9	4.9	-	418.8
Central Supply & Maintenance	361.5	-	-	361.5
Training, Medical, & Other General Purpose Activities	1,194.2	-	-	1,194.2
Administration & Assoc. Activities	111.4	-	-	111.4
Support to Other Nations	-	-	-	-
SUBTOTAL	4,107.8	22.3	1,113.4	5,243.5
Construction	1,095.1	52.8	37.2	1,185.1
Family Housing O&M	798.7	2.9	578.8	1,380.4
TOTAL	6,001.6	78.0	1,729.4	7,809.0

CHAPTER THREE

NAVY BASE STRUCTURE

I. INTRODUCTION

The Navy Base Structure Chapter is submitted in compliance with Section 115 of Title 10, United States Code. The Navy Chapter consists of an introduction and five sections. Section II, Base Structure Overview, discusses factors affecting the number and capabilities of Navy shore bases. Section III relates major Navy bases to the forces supported within the framework of the Installation Defense Planning and Programming (IDPP) categories. Section IV, Base Operating Support Costs, provides a summary table by major defense program of Base Operating Support costs. Section V discusses the Navy's continuing program of appraising base operating support costs. Section VI is a listing of installations defined as major, minor, or support activities which have plant accountability for land, structures, buildings or utilities. Major activities (Cat Code 1) are defined as: homeport locations of the operating forces with a minimum assigned strength (or equivalent) of a battlegroup, DESRON, SUBRON, PHIBRON, or six or more fleet air or land-based squadrons, and activities that provide depot-level maintenance to the operating forces. Minor activities (Cat Code 2) are defined as: RDT&E activities, training activities, hospitals, homeport locations of the operating forces with a lesser assigned strength than of a major activity. Support activities (Cat Code 3) are defined as all other naval activities with plant accountability which generally support a minimum of 300 DOD civilians.

Most bases listed in Section VI have multiple missions, although only primary mission descriptions are provided in this report. Personnel assigned to ships and aircraft squadrons, which are homeported or assigned at a given base, are included in Section VI personnel data.

II. BASE STRUCTURE OVERVIEW

National security policy requires that the United States maintain robust, capable naval forces to carry out the national military strategy. That strategy recognizes dramatic changes in the international security environment, and shifts the focus of military planning from global war to regional crisis. Under the new strategy, naval forces must provide forward presence throughout the world, respond to a broad range of regional crises, and deter strategic strikes against the United States. Additionally, the

Navy must be able to reconstitute forces to respond to shifts in the world's geopolitical climate.

These demands of the national military strategy drive Navy force structure. We must have forces that can remain deployed in forward areas to deter aggression, preserve regional balances, and engage with other countries in positive peacetime activities which promote international cooperation and regional security. In the event of regional crisis, we must be strong enough to deter conflict; and should deterrence fail, respond with decisive force. Our strategic forces must be able to deter potential adversaries who possess nuclear capabilities. We must retain the capacity to restore our force levels as necessary to meet global challenges.

The United States has developed a naval force with the mobility and infrastructure to support its international responsibilities. Forward deployed naval forces provide influence and access throughout the world. Their flexibility, responsiveness, and capability to operate in remote regions and without basing rights will become increasingly significant as overseas basing continues to draw down. The aircraft carrier battle groups, the amphibious ready group with embarked Marines, and their supporting warfare assets, proved the means of achieving essential political objectives, and are among our nation's principal military instruments for crisis response. Our SSBN force is the most cost-efficient, survivable element of the nation's strategic deterrence triad.

The Navy's basing plan must support our strategy and the force structure. We must be able to maintain supply lines to key areas in the world for both international commerce and crisis response to include sea lift in support of our air and ground forces. Additionally, we must maintain the facilities necessary to support a ready force, and the CONUS base structure must include provisions to support forces planned for reconstitution.

Of particular significance is the Navy's dependence on deep water ports and ranges (both air and sea). These assets form the basis for maintaining a well-trained, fully ready force. Navy coastal installations with deep water access are virtually irreplaceable, particularly in light of coastal land development pressures near existing harbors, and the physical challenges of building new man-made harbors in environmentally sensitive coastal regions. In like fashion, the Navy has been pressured to limit aviation operations at many bases and ranges because of increasing urbanization. Aerospace itself has been encroached upon by other aviation growth and environmental concerns. In summary, the retention and optimization of critical, irreplaceable ocean access locations, ranges,

airspace, and other valuable resources are primary Navy base structure considerations.

The Navy base structure plans fully acknowledge reduced infrastructure requirements as the size of the fleet draws down. Steps are being actively taken to eliminate unnecessary redundancy and overlap, and realign and consolidate missions and functions where it makes sense to do so. Additionally, efforts are ongoing to look to other services to optimize infrastructure utilization, particularly infrastructure at strategic or irreplaceable sites.

In accordance with the Defense Base Closure and Realignment Act of 1990, the Navy will continue to review its base structure to ensure that the shore establishment is optimally aligned and properly sized to support the present and projected force structure. The 1988 and 1991 Commission reviews are complete; the remainder will take place in 1993 and 1995.

III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

Maintaining the nation's maritime strength requires efficient utilization of our base structure to support a more sophisticated but smaller fleet. Bases are a key element in our support systems and require adequate maintenance and modernization. The base structure must be in proper balance with force structure.

In the context of our Maritime Strategy, the Navy continues to aggressively review its base structure and its effectiveness in supporting the needed force structure.

A brief discussion of the missions and structure changes by Installation Defense Planning and Programming Category is below. A summary of Navy installations is a TABLE VIII. A listing of the major activities within these categories follows.

STRATEGIC FORCES (100)

The Submarine Base, Bangor, Washington and the Submarine Base Kings Bay, Georgia provide the operational and logistic support for our strategic submarine forces.

GENERAL PURPOSE FORCES (200)

The fleet aircraft basing concept retains the minimum number of bases for programmed aircraft and collocates carrier-based tactical and carrier-based anti-submarine warfare

(ASW) aircraft. No new air bases are planned. Air bases receiving the F/A-18 aircraft and other air warfare weapon systems are being modernized through construction of new facilities but are not being expanded in acreage.

The Reserve Air Stations are being modernized for the Ready Reserve Air Squadrons which are now receiving "state-of-the-art" weapon systems. This is in contrast to the former practice of providing them systems being phased out of the regular Navy.

AUXILIARY FORCES (300)

The Navy Command and Control System provides the means to exercise operational direction of naval forces. It ensures that the National Command Authorities, unified commanders, naval component commanders, and subordinate naval commanders receive sufficient, accurate, and timely information on which to base their decisions and have the means to communicate their decisions to the forces. World-wide ROTHF early warning system is currently under development. Emphasis is on modernization of the sensor systems to attain needed security, sensitivity, and immunity to electronic countermeasures.

MISSION SUPPORT FORCES (400)

Cruise missile forces have been introduced to distribute offensive striking power throughout the fleet. The Harpoon is designed for anti-ship strikes. The Tomahawk has the range to reach both ships and shore targets beyond the horizon. Additionally, anti-air capability has been enhanced by the introduction of the standard (SM-2) missile. These systems are being deployed at existing bases and require a modernization of maintenance and storage facilities.

Amphibious assault forces are receiving the Landing Craft, Air Cushioned (LCAC) vehicle. These forces are also receiving the LHD-1 multipurpose amphibious assault ship and the LSD-41 Cargo Variant ship to provide increased lift and dock-loading capability.

The Navy is also planning for the necessary support facilities to accommodate a new class of Fast Combat Support Ships (AOE) on both the east and west coast. These are logistic ships that provide replenishment at sea of petroleum, munitions, and provisions.

New generations of mine warfare ships are being anticipated in the 1990s. Mine Coastal Hunter (MCH) and Mine Countermeasures (MCM) ships will be principally concentrated at the Naval Station Ingleside, Texas.

The new weapon systems for the amphibious, logistic support, mine warfare, and the submarine communities are being deployed. These systems require modernization of logistic support ranging from the waterfront facilities for the ships and hangars for the aircraft to weapons supply and maintenance facilities.

CENTRAL SUPPORT FORCES (500)

The Bureau of Medicine, through a network of regional medical and dental centers, associated hospitals, and dispensaries, provides medical care in support of the fleet and to other qualified beneficiaries. Renewed emphasis has been placed on wartime medical readiness resulting in readiness being the driving factor in determining the size and composition of the medical care system.

The Naval Education and Training Command provides trained personnel to man and support the fleet. This includes recruit training, officer acquisition training, specialized skill training, flight training, and professional development education. The average age of the Training Command's facilities is 41 years. In the training education, which is characterized by high technological change of weapon systems used by the trainees in these facilities, modernization of the bases is required more frequently than in other support functions. This is being accomplished, as funding is provided, by modernizing facilities on existing bases.

INDIVIDUAL (500)

None.

IV. BASE OPERATIONS SUPPORT (BOS) COSTS FOR FY 1993

A summary of the estimated FY 1993 Base Operating Support Costs is at TABLE VII.

V. ACTIONS TO REDUCE BASE OPERATING SUPPORT (BOS) COSTS

Base Operating Support costs are directly related to the size of the shore bases which in turn are driven by the size of the operating forces they support. There is also a direct relationship between BOS funding levels and a shore base's readiness. i.e., its ability to support the operating forces.

As discussed in Section II, various Defense Base Closure and Realignment Commissions

have and will make decisions to reduce the size of the Navy's base structure. Their reductions, of course, will result in a decrease in the requirement for BOS expenditures.

The Navy developed a program, the Shore Facilities Life Extension Program (Shore FLEP), to prioritize the resources used to maintain and improve its shore infrastructure. This concept of programming and executing Maintenance of Real Property (MRP) and Replacement/Modernization MILCON ties facility condition to mission readiness. The accurate measurement of shore station readiness has also been enhanced through an expansion of the Navy's Base Readiness Reporting (BASEREP) System.

Other major programs to improve shore base management and thereby reduce BOS costs are as follows:

1. Study in-house commercial activities with a view toward conversion to contract where economically justified. Since FY79, studies have been conducted on approximately 29,000 positions. Of those, about 47% were converted to contract. Of the 15,000 positions remaining in-house, a reduction of 2,849 people has been achieved, or an average reduction of 18 percent.
2. Reduce costs through application of more energy efficient facilities and systems throughout the support establishment and operating forces. The Navy-wide goal is to reduce facility energy consumption per square foot by 12 percent (measured from a FY85 baseline) at Navy Shore Bases by the end of FY95. As of the third quarter FY90, the Navy's actual energy consumption reduction of 8.47 percent is ahead of the third quarter FY90 goal of 5.7 percent.

TABLE VI - SUMMARY OF NAVY INSTALLATIONS - SEPTEMBER 30, 1991

Mission Category (IDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
GENERAL PURPOSE (202)	16	2	7	25
GUARD AND RESERVE (205)	6	0	0	6
INTELLIGENCE AND COMMUNICATIONS (303)	11	1	5	17
RESEARCH AND DEVELOPMENT (306)	16	0	0	16
GENERAL PURPOSE (402)	25	1	7	33
CENTRAL SUPPLY AND MAINTENANCE (507)	29	1	3	33
TRAINING, MEDICAL AND OTHER PERSONNEL (508)	29	0	1	30
TOTAL NAVY	132	5	23	160

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
ALABAMA										
NAVAL STATION MOBILE	MOBILE	402	2	295	80	10	385	100		HOMEPORT
ALASKA										
NAVAL AIR STATION, ADAK	ADAK	202	2	2055	204	0	2259	61000		PATROL AIRCRAFT
CALIFORNIA										
FLEET ASW TRAINING CTR, PAC	SAN DIEGO	508	2	2187	98	0	2285	37		ASW TRAINING
FLEET COMBAT TNG CTR, PAC	SAN DIEGO	508	2	770	331	179	1280	91		SPECIALIZED TRAINING
LONG BEACH NAVAL SHIPYARD	LONG BEACH	507	1	2336	4217	72	6625	350		SHIP ALTERATION&REPAIR
MARE ISLAND NAVAL SHIPYARD	VALLEJO	507	2	3509	6977	478	10964	5621		SHIP ALTERATION&REPAIR
NAS, ALAMEDA	ALAMEDA	202	1	18597	3708	508	22813	2616		SUPPORT AIRCRAFT, NARE
NAS, LEMOORE	LEMOORE	202	1	5030	774	992	6796	33173		ATTACK AIRCRAFT
NAS, MIRAMAR	SAN DIEGO	202	1	11908	1076	295	13279	23420		FIGHTER & ATTACK AIRCRAFT
NAS, MOFFETT FIELD	MOFFETT FIELD	202	1	4683	845	90	5618	3919		AREA COORDINATOR
NAS, NORTH ISLAND	SAN DIEGO	202	1	26112	1952	842	28906	47864		EARLY WARNING&ASW AIRCFT,NAR
NAV CONST BN CTR, PT HUENEME	PORT HUENEME	402	3	4205	4741	279	9225	2407		CONSTRUCTION FORCE SUPPORT
NAV ELECTRONIC SYS ENG CTR	SAN DIEGO	305	2	33	678	162	873	3		RAD-ELECTRONICS
NAV SUB BASE, SAN DIEGO	SAN DIEGO	402	1	6258	474	45	6777	314		SUBMARINE FORCE SUPPORT
NAV WEAPONS STA, SEAL BEACH	SEAL BEACH	507	3	401	3667	1921	5989	13980		ORDNANCE SUPPORT
NAVAL AIR FAC, EL CENTRO	EL CENTRO	202	2	379	77	261	717	63137		FLEET AIR TRAINING SUPPORT
NAVAL AMPHB BASE, CORONADO	SAN DIEGO	402	2	5042	447	36	5525	1095		AMPHIBIOUS WARFARE TRAINING
NAVAL AVIATION DEPOT ALAMEDA	ALAMEDA	507	2	30	3881	0	3911	10		AIRCRAFT MAINTENANCE
NAVAL AVIATION DEPOT NO. ISL	NORTH ISLAND	507	2	30	4335	0	4365	10		AIRCRAFT MAINTENANCE
NAVAL COMM STA, SAN DIEGO	SAN DIEGO	303	3	465	109	0	574	622		COMMUNICATIONS
NAVAL COMM STA, STOCKTON	STOCKTON	303	3	220	790	63	1073	2788		COMMUNICATIONS
NAVAL HOSP, CAMP PENDELTON	CAMP PENDELTON	506	2	840	393	139	1372	187		HEALTH CARE
NAVAL HOSPITAL, OAKLAND	SAN DIEGO	508	2	3921	1174	212	5307	121		HEALTH CARE
NAVAL HOSPITAL, OAKLAND	OAKLAND	508	2	1864	666	153	2683	183		HEALTH CARE
NAVAL OCEAN SYSTEMS CENTER	SAN DIEGO	306	2	351	3684	760	4795	3890		OCEAN SYS R & D
NAVAL POSTGRADUATE SCHOOL	MONTEREY	508	2	2440	1357	23	3820	619		PROFESSIONAL DEVELOPMENT TNG
NAVAL STATION TREASURE ISL.	SAN FRANCISCO	402	2	2557	806	63	3426	1931		FLT&SHORE ESTABLISHMENT SPT
NAVAL STATION, MARE ISLAND	VALLEJO	402	2	4090	415	0	4505	500		LOGISTIC SUPPORT
NAVAL STATION, SAN DIEGO	SAN DIEGO	402	1	29119	5497	762	35378	1510		OPERATING BASE
NAVAL SUPPLY CTR, OAKLAND	OAKLAND	507	3	1978	4815	0	6793	1133		SUPPLY SUPPORT
NAVAL SUPPLY CTR, SAN DIEGO	SAN DIEGO	507	3	450	1470	42	1962	849		SUPPLY DEPOT
NAVAL TNG CTR, SAN DIEGO	SAN DIEGO	508	2	10378	611	251	11240	546		RECRUIT & SKILL TRAINING
NAVAL WEAPONS CTR, CHINA LAK	CHINA LAKE	306	3	1138	5251	3066	9455	1127266	91 R	AIR WARFARE&MISSILE SYSTEMS
NAVAL WEAPONS STA, CONCORD	CONCORD	507	3	2557	1487	129	4173	13023		WEAPONS PRODUCTION
NAVSTA, LONG BEACH	LONG BEACH	402	1	14016	1523	141	15680	1351		FLEET & SHORE SUPPORT
PACIFIC MISSILE TEST CENTER	PT MUGU	306	1	2953	4661	3528	11142	27093	91 R	RT&E AIR LAUNCHED WEAPONS
CONNECTICUT										
NAVAL SUB BASE, NEW LONDON	GROTON	402	1	10860	1131	653	12644	1394		SUBMARINE FORCES SUPPORT

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Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Tctal Acreage	BRAC Round	Major Unit-Activity Function
DIST OF COLUMBIA										
HQ NAV DISTRICT WASHINGTON	WASHINGTON	402	3	1813	3817	179	5809	573		ADMINISTRATIVE/LOGISTICS
NNAV SECURITY STA, WASHINGTON	WASHINGTON	303	3	654	784	56	1494	38		COMMUNICATIONS
NNAV OBSERVATORY	WASHINGTON	303	2	12	2020	17	2049	364		NAVAL OBSERVATORY
NNAV RESEARCH LABORATORY	WASHINGTON	306	3	158	3640	1697	5495	1161		PHYSICAL SCIENCES RESEARCH
FLORIDA										
NAS, CECIL FIELD	CECIL FIELD	202	1	8247	626	676	9549	20194		ATTACK & ASW AIRCRAFT
NAS, JACKSONVILLE	JACKSONVILLE	202	1	14714	1719	748	17181	12376		PATROL & ASW AIRCRAFT, NARE
NAS, KEY WEST	KEY WEST	202	2	3229	581	424	4234	18615		RECONNAISSANCE AIRCRAFT
NAS, PENSACOLA	PENSACOLA	508	1	7742	4097	985	12824	7512		FLIGHT TRAINING, NARE
NAS, WHITING FIELD	MILTON	508	2	1294	251	847	2392	11326		FLIGHT TRAINING
NNAV COASTAL SYSTEMS CENTER	PANAMA CITY	306	3	595	1363	145	2103	1112		COASTAL REGION WARFARE
NNAV ED&TNG PRO MGMT SUP ACT	PENSACOLA	508	2	283	845	102	1230	983		TRAINING PROGRAM DEVELOPMENT
NNAV TECH TNG CTR, COREY STA	PENSACOLA	508	2	2872	242	78	3192	431		TECHNICAL TRAINING
NNAV AVIATION DEPOT JAX	JACKSONVILLE	507	2	30	3598	0	3628	10		AIRCRAFT MAINTENANCE
NNAV AVIATION DEPOT PENSACO	PENSACOLA	507	2	30	3768	0	3798	10		AIRCRAFT MAINTENANCE
NNAV OLF SAUFLEY	PENSACOLA	508	3	260	1400	0	1660	3541		OUTLYING LANDING FIELD
NNAV SECURITY GP HOMESTEAD	HOMESTEAD	303	3	360	47	5	412	815		SECURITY GROUP
NNAV STATION, MAYPORT	MAYPORT	402	1	15998	654	458	17110	818		OPERATING BASE
NNAV TRAINING CENTER	ORLANDO	508	2	14153	940	332	15425	2057		RECRUIT & SKILL TRAINING
GEORGIA										
NAS, ATLANTA	MARIETTA	205	2	924	153	22	1099	165		RESERVE AIR TRAINING
NNAV SUB BAZE, KINGS BAY	KINGS BAY	402	1	5668	1924	1763	9355	15273		SUBMARINE BASE
NNAV SUPPLY CORPS SCHOOL	ATHENS	508	2	276	50	0	326	58		SKILL TRAINING
HAWAII										
NAS, BARBERS POINT	BARBERS POINT	202	1	4341	348	217	4906	4076		PATROL AIRCRAFT
NNAV COMM AREA MSTR STA, EPAC	WAIHAWA, HI	303	3	850	240	0	1090	2422		COMMUNICATIONS
NNAV MAGAZINE LUALUALEI	LUALUALEI	507	3	653	370	212	1235	12142		ORDNANCE SUPPORT
NNAV STATION, PEARL HARBOR	PEARL HARBOR	402	1	12964	2622	385	15971	5916		OPERATING BASE
NNAV SUB BASE, PEARL HARBOR	PEARL HARBOR	402	1	4823	299	70	5192	105		SUBMARINE FORCES SUPPORT
NNAV HARBOR NAVAL SHIPYARD	PEARL HARBOR	507	2	155	5510	243	5908	160		SHIP ALTERATION & REPAIR
ILLINOIS										
NAS, GLENVIEW	GLENVIEW	205	2	1648	290	723	2661	1407		RESERVE AIR TRAINING
NNAV TNG CTR, GREAT LAKES	GREAT LAKES	508	2	37522	2824	757	41103	1012		RECRUIT & SKILL TRAINING
INDIANA										
NNAV WEAPONS SUPPORT CTR	CRANE	507	2	59	4973	415	5447	62509	91 R	WEAPONS SYSTEM & ORDNANCE SP
NNAV AVIONICS CENTER	INDIANAPOLIS	306	2	31	3457	3	3491	185	91 R	AVIONICS REPAIR

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Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acageage	BRAC Round	Major Unit-Activity Function
KENTUCKY										
NAV ORDNANCE STA, LOUISVILLE	LOUISVILLE	507	3	11	2579	192	2782	150	91 R	ORDNANCE SUPPORT
LOUISIANA										
NAS, NEW ORLEANS	NEW ORLEANS	205	2	1274	590	101	1965	4921		RESERVE AIR TRAINING
MAINE										
NAS, BRUNSWICK	BRUNSWICK	202	1	3114	451	97	3662	8742		PATROL AIRCRAFT
NAV SECURITY GROUP ACT	WINTER HARBOR	303	3	333	52	11	406	603		COMMUNICATIONS
MARYLAND										
D W TAYLOR NAV SHIP R&D CTR	BETHESDA	306	2	71	2824	55	2950	327		R&D-SHIP TECHNOLOGY
NAV AIR TEST CTR, PAX RIVER	PATUXANT RIVER	306	2	3428	3376	2569	9373	7127		T&E AIRCRAFT SYSTEMS
NAV ELECTRONIC SYS ENGR ACT	ST INIGOES	306	3	69	363	695	1127	969		T&E ELECTRONICS SYSTEMS
NAV ORDNANCE STA, INDIAN HEA	INDIAN HEAD	507	3	490	3056	643	4189	3410		SOLID PROPELLENTS
NAV SURFACE WEAPONS CTR	SILVER SPRING	306	3	14	1839	100	1953	733	91 R	R&D-NAVAL WEAPONS
NAVAL COMM UNIT, WASHINGTON	CHELTERHAM	303	3	130	232	124	486	240		COMMUNICATIONS
NAVAL MEDICAL COMMAND-NCR	BETHESDA	508	2	3398	2435	214	6047	242		HEALTH CARE
US NAVAL ACADEMY	ANNAPOLIS	508	2	5340	2803	1080	9223	1747		OFFICER ACQUISITION TRAINING
MASSACHUSETTS										
NAS, SOUTH WEYMOUTH	SOUTH WEYMOUTH	205	2	907	202	2	1111	2250		RESERVE AIR TRAINING
MISSISSIPPI										
NAS, MERIDIAN	MERIDIAN	508	2	2483	373	624	3480	13507		FLIGHT TRAINING
NAV CONST BN CTR, GULFPORT	GULFPORT	402	3	3814	594	72	4480	4502		CONSTRUCTION FORCE SUPPORT
NAVAL OCEANOGRAPHIC OFFICE	BAY ST LOUIS	303	2	87	1471	318	1876	1		NAVAL OCEANOGRAPHIC ACTIVITI
NAVAL STATION PASCAGULA, MS	PASCAGULA	402	2	390	70	0	460	100		NAVAL STATION
NEVADA										
NAS, FALLON	FALLON	202	2	987	299	720	2006	141059		ATTACK AIRCRAFT TRAINING
NEW HAMPSHIRE										
PORTSMOUTH NAVAL SHIPYARD	PORTSMOUTH	507	1	879	7241	147	8267	297		SHIP CONSTRUCTION & REPAIR
NEW JERSEY										
NAVAL AIR ENG CTR, LAKEHURST	LAKEHURST	306	2	473	2473	351	3297	7412		AIRCRAFT LAUNCH/RECOVERY SYS
NAVAL AIR PROPULSION CENTER	TRENTON	306	2	8	724	10	742	72	91 R	ENGINE T&E ACTIVITIES
NAVAL WEAPONS STA, EARLE	COLTS NECK	507	1	2836	861	128	3825	11158		ORDNANCE SUPPORT

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Installation Name	City	IDPPC	Cat	Mil	Civ	Other	Tot	Total Acreege	BRAC Round	Major Unit-Activity Function
NEW YORK										
NAVAL STATION NEW YORK	STAT IS/BKLYN	402	2	964	1233	67	2264	141		NAVAL STATION/BKLYN TO CLOSE
NORTH CAROLINA										
CAMP LEJEUNE NAVAL HOSPITAL	JACKSONVILLE	508	2	846	376	140	1362	10		HEALTH CARE
NAVAL AVIATION DEPOT CHERRY	CHERRY POINT	507	2	30	3970	0	4000	10		AIRCRAFT MAINTENANCE
OHIO										
DEFENSE FIN + ACCT CTR	CLEVELAND	402	3	114	1531	6	1651	36		ADMIN SUPPORT-FINANCE
PENNSYLVANIA										
NAS, WILLOW GROVE	WILLOW GROVE	205	2	1501	826	14	2341	967		RESERVE AIR TRAINING
NAVAL AIR DEVELOPMENT CENTER	WARMINSTER	306	3	256	2580	481	3317	921	91 R	AIRCRAFT TECHNOLOGY
NAVAL HOSPITAL, PHILADELPHIA	PHILADELPHIA	508	2	420	394	31	845	48	88 C	HEALTH CARE
NAVAL STATION PHILADELPHIA	PHILADELPHIA	402	2	1040	1616	98	2754	522	91 C	SHIP SUPPORT
NAVY AVIATION SUPPLY OFFICE	PHILADELPHIA	507	3	115	5332	229	5676	135		NAVAL AVIATION SUPPLY&DLA IC
NAVY SHIPS PARTS CONTROL CTR	MECHANICSBURG	507	3	164	6537	214	6915	857		INVENTORY CONTROL POINT
PHILADELPHIA NAVAL SHIPYARD	PHILADELPHIA	507	1	7812	9623	730	18165	904	91 C	SHIP BLDG & REPAIR
RHODE ISLAND										
NAV EDUCATION & TRAINING CTR	NEWPORT	508	2	6655	1299	293	8247	1199		OFF INDOCTRIN & SKILL TRNG
NAVAL UNDER WATER SYS CTR	NEWPORT	306	2	174	3732	3744	7650	371		UNDERSEA WARFARE R&D
SOUTH CAROLINA										
BEAUFORT NAVAL HOSPITAL	BEAUFORT	508	2	413	171	50	634	10		HEALTH CARE
CHARLESTON NAVAL SHIPYARD	CHARLESTON	507	1	58	7300	421	7779	1923		SHIP/SUB REPAIR
NAV WEAPONS STA, CHARLESTON	CHARLESTON	507	3	5351	1660	881	7892	17480		WEAPONS SYSTEMS SUPPORT
NAVAL STATION CHARLESTON	CHARLESTON	402	1	22080	4491	0	26571	899		OPERATING BASE
TENNESSEE										
NAS, MEMPHIS	MILLINGTON	508	2	8332	1090	566	9995	3499		SKILL TRAINING
NAVAL HOSPITAL, MILLINGTON	MILLINGTON	508	2	525	139	63	727	38		HEALTH CARE
TEXAS										
NAS, CHASE FIELD	BEEVILLE	508	2	835	319	528	1682	9633	91 C	FLIGHT TRAINING
NAS, CORPUS CHRISTI	CORPUS CHRISTI	508	2	2348	4834	642	7824	4400		FLIGHT TRAINING
NAS, DALLAS	DALLAS	205	2	3934	506	36	4476	799		RESERVE AIR TRAINING
NAS, KINGSVILLE	KINGSVILLE	508	2	853	296	639	1788	5582		FLIGHT TRAINING
NS, INGLESIDE, TX	INGLESIDE	402	2	1570	100	0	1670	100		NAVAL STATION

DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
VIRGINIA										
FLEET COMBAT TNG CTR, LANT	VIRGINIA BEACH	508	2	4817	675	85	5577	1038		SPECIALIZED TRAINING
NAS, NORFOLK	NORFOLK	202	1	9145	6588	410	16143	1386		EARLY WARN/ASW AIRCFT, NARE
NAS, OCEANA	VIRGINIA BEACH	202	1	9748	771	396	10915	15180		FIGHTER & ATTACK AIRCRAFT
NAV AMPHIB BASE LITTLE CREEK	NORFOLK	402	1	11747	1082	464	13293	11808		AMPHIBIOUS WARFARE SUPPORT
NAV SECURITY GRP ACT	CHESAPEAKE	303	3	1303	122	61	1486	4118		COMMUNICATIONS
NAVAL AVIATION DEPOT NORFOLK	NORFOLK	507	2	270	4128	0	4398	4398		AIRCRAFT MAINTENANCE
NAVAL HOSPITAL, PORTSMOUTH	PORTSMOUTH	508	2	2338	1456	548	4342	110		HEALTH CARE
NAVAL STATION, NORFOLK	NORFOLK	402	1	54251	11005	362	65618	181		OPERATING BASE
NAVAL SURFACE WEAPONS CTR	DAHLGREN	306	2	672	3546	413	4631	4320		RDTE-ORDNANCE TECHNOLOGY
NAVAL WEAPONS STA, YORKTOWN	YORKTOWN	507	3	1056	2067	430	3553	10624		ORDNANCE SUPPORT
NAVCOMM AREA MASTER STA LANT	NORFOLK	303	3	351	109	0	460	1474		COMMUNICATIONS
NORFOLK NAVAL SHIPYARD	PORTSMOUTH	507	2	720	13517	1665	15902	1340		SHIP ALTERATIONS & REPAIR
WASHINGTON										
NAS, WHIDBEY ISLAND	OAK HARBOR	202	1	8431	797	641	9869	70998		ATTACK&ELEC WARFARE AIRCRAFT
NAV STRATEGIC WEAPON FAC PAC	BREMERTON	507	3	115	352	303	770	0		ORDNANCE SUPPORT
NAV UNDERSEA WARFARE ENG STA	KEYPORT	507	3	313	3679	1538	5530	4939		UNDERWATER WEAPONS SUPPORT
NAVAL STATION, PUGET SOUND	SEATTLE/EVERETT	402	2	1401	1698	110	3209	271	*	FLT SPT\SEATTLE TO CLOSE
NAVAL SUBMARINE BASE, BANGOR	BANGOR	402	1	5845	1831	1291	8967	6591		SUBMARINE BASE
PUGET SOUND NAVAL SHIPYARD	BREMERTON	507	1	5316	24662	316	30294	1392		SHIP ALTERATION & REPAIR

* Naval Station Puget Sound comprises locations at Seattle (Sand Point) and Everett. The Seattle location was identified for partial closure by the 1988 Commission, changed to total closure by the 1991 Commission.

DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
United States Territories and Possessions
September 30, 1991

Installation Name	City	IDPFC	Cat Code	Mil	Civ	Other	Tot	Total Acage	BRAC Round	Major Unit-Activity Function
GUAM										
NAS, AGANA	AGANA, GUAM	202	2	2920	391	0	3311	16080		PATROL ELEC WARFARE AIRCRAFT
NAVAL SHIP REPAIR FAC, GUAM	AGANA, GUAM	507	1	133	936	14	1093	183		FLEET MAINTENANCE
NAVAL STATION, GUAM	AGANA, GUAM	402	2	70221	4756	138	75115	0		FLEET SUPPORT
PUERTO RICO										
NAVAL STA, ROOSEVELT ROADS	ROOSEVELT RDS	202	2	3409	894	971	5274	32161		OPERATING BASE
SECURITY GROUP PUERTO RICO	SABANA SECA	303	3	368	97	0	465	2618		SECURITY GROUP

DEPARTMENT OF DEFENSE
 NAVY BASE STRUCTURE
 Used by U.S. Forces in Foreign Areas
 September 30, 1991

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
AUSTRALIA										
NAV COMSTA, HAROLD E HOLT	EXMOUTH	303	3	364	169	1	534	18155		COMMUNICATIONS/END OPS
BERMUDA										
NAVAL AIR STATION, BERMUDA	BERMUDA	202	2	1156	382	30	1568	1453		PATROL AIRCFT/REDUCE OPS
CANADA										
NAVAL FACILITY, ARGENTIA	ARGENTIA, N'LAND	303	3	474	143	104	721	9066		OCEAN RESEARCH/REDUCE OPS
CUBA										
NAV STATION, GUANTANAMO BAY	GUANTANAMO BAY	202	2	2484	816	483	3783	28817		OPERATING BASE
DIEGO GARCIA										
NAVAL SUPPORT FACILITY	DIEGO GARCIA	402	3	1492	59	1786	3337	7000		SUPPORT ACTIVITIES
ICELAND										
NAVAL STATION, KEFLAVIK	KEFLAVIK	202	1	3452	921	99	4472	23339		FLT SUPPORT/PATROL AIRCRAFT
ITALY										
NAVAL AIR STATION, SIGONELLA	SIGONELLA	202	1	2934	587	542	4063	651		PATROL/FLEET AIRCRAFT
NAVAL SUPPORT ACTIVITY	NAPLES	402	3	4079	962	91	5132	177		FLEET SUPPORT/HOSP
JAPAN										
NAV COMM STA, JAPAN	YOKOSUKA	303	3	597	156	61	834	1157		COMMUNICATIONS
NAV FLEET ACTIVITIES, SASEBO	SASEBO	507	2	2771	2850	1139	6760	8386		ORDNANCE SUPPORT
NAV FLEET ACTIVITY, YOKOSUKA	YOKOSUKA	402	1	9381	340	0	9721	3400		FLEET SUPPORT
NAV SHIP REPAIR FAC, YOKOSUKA	YOKOSUKA	507	1	29	1819	0	1848	0		FLEET MAINTENANCE
NAVAL AIR FACILITY, ATSUGI	ATSUGI	202	2	2845	790	80	3715	1771		RECONNAISSANCE AIRCRAFT
NAVAL HOSPITAL OKINAWA	CHATAN	508	2	643	108	0	751	0		HEALTH CARE
PANAMA										
NAV SECURITY GP ACT, GALETA	GALETA ISLAND	303	3	343	38	0	381	707		COMMUNICATIONS
NAVAL STATION, PANAMA CANAL	RODMAN	402	3	992	379	113	1484	3166		OPERATING BASE
PHILIPPINES										
NAV SHIP REPAIR FAC, SUBIC B	SUBIC BAY	507	1	122	4576	0	4698	0		FLEET MAINTENANCE
NAVAL SHIP REPAIR FAC, CUBI	SUBIC BAY	202	2	2972	828	32	3832	0		ATTACK/ASW AIRCRAFT
NAVAL SHIP REPAIR FAC, SUBIC	SUBIC BAY	402	1	3496	1653	0	5149	15000		NAVAL STATION/TO CLOSE

DEPARTMENT OF DEFENSE
 NAVY BASE STRUCTURE
 Used by U.S. Forces in Foreign Areas
 September 30, 1991

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
SPAIN										
NAVAL STATION, ROTA	ROTA	202	2	3435	1272	70	4777	6776		OPS/AIR BASE/REDUCE OPS
UNITED KINGDOM										
NAVAL ACTIVITIES, U.K.	LONDON	402	3	1266	305	27	1598	38		FLEET, SHORE ESTAB. SUPPORT
NAVAL SECURITY GP ACT, EDZEL	EDZELL, SCOTLAND	303	3	833	202	32	1067	457		COMMUNICATIONS
NAVAL SUPPORT ACT, SCOTLAND	HOLY LOCH	402	3	1970	72	1	2043	70		FLEET SUPPORT/END OPS

TABLE VII

NAVY - BASE OPERATING SUPPORT COSTS - FY1993
(\$ Million)

<u>Major Defense Program</u>	<u>Fifty States</u>	<u>US Territories & Possessions</u>	<u>Foreign/Overseas</u>	<u>Total</u>
Strategic Forces	132.5	-	-	132.5
General Purpose Forces	941.2	130.1	571.0	1,642.3
Intell/Communications	83.7	7.1	25.3	116.1
Airlift/Sealift	-	-	-	-
Guard & Reserve Forces	225.3	-	-	225.3
Research & Development	776.8	-	-	776.8
Central Supply & Maintenance	4,000.7	86.4	412.2	4,499.3
Training, Medical, & Other General Purpose Activities	454.0	-	6.3	460.3
Administration & Assoc. Activities	179.0	-	-	179.0
Support to Other Nations	-	-	-	-
SUBTOTAL	6,793.2	223.6	1,014.8	8,031.6
Construction	367.2	48.4	12.5	428.1
Family Housing O&M	405.7	82.2	109.4	597.3
TOTAL	7,566.1	354.2	1,136.7	9,057.0

* Financial data reflects change in OM&N Research & Development transferred funding to Military Construction as of FY93 Budget.

CHAPTER FOUR

AIR FORCE BASE STRUCTURE

I. INTRODUCTION

The Air Force Base Structure Chapter to the DoD Base Structure Report for FY 93 is submitted in accordance with Section 115, Title 10, United States Code. Section I describes the criteria used by the Air Force to determine its base structure. Section II discusses historical data on base structure and describes the criteria used by the Air Force to determine its base structure. 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 93 force structure and their impact on the base structure are also described in Section III. Section IV details projected FY 93 Air Force base operating costs. Section V summarizes major actions taken and alternatives being pursued to reduce base operating costs. Finally, Section VI contains a summary and listing of all Air Force major and minor Air Force installations.

During 1986 the Air Force reclassified its bases into four categories: major installations, minor installations, support sites, and other activities.

The primary reason for the reclassification effort was to update and describe accurately the Air Force's actual installation posture. The previous system categorized all Air Force properties as either major or minor installations. Clearly many of these properties were not "installations" and should not have been reported as such. With the Air Force's broad spectrum of roles, missions, and organizations of varying sizes, two categories did not accurately describe the Air Force structure. The four new categories are explained below.

1. A major installation is a self-supporting center of operations for Air Force combat, combat support, or training. To qualify as a major installation, an activity must satisfy all of the following criteria:

- a) Be operated by an Active, Guard, or Reserve unit of wing size or larger.
- b) Have all the organic support to accomplish the unit mission. For example, a major flying organization has the organic maintenance to support its aircraft and the organic base support structure to manage resources and maintain facilities.

c) Have real property accountability through ownership, lease, permit, or other written agreement for all real estate and facilities necessary to conduct the unit's assigned mission. Agreements with foreign governments or Federal, State or local agencies, which give the Air Force jurisdiction over real property meet this requirement. In the case of Guard or Reserve units at civil airports, shared use agreements (as opposed to joint use agreements where the military owns the runway) normally do not give the Air Force exclusion control over runways, taxiways, etc., and therefore, do not meet the criteria to be a major installation.

2. Minor installations are facilities operated by Active, Guard, or Reserve units of at least squadron size that do not satisfy all the criteria for a major installation. Examples of minor installations are Guard or Reserve squadron flying operations that are located at civilian controlled airports. These are smaller operations compared to active organizations where the Air Force owns and controls the runways and requires larger support operations for a permanent base population.

3. Support Sites and Other Activities.* A support site is a detached piece of real property operated by an Active, Reserve, or Guard component that provides general support to the Air Force mission as opposed to supporting a particular installation. Examples of support sites are missile tracking sites; radar bomb scoring sites; Air Force-owned, contractor-operated plants; and radio relay sites. Other activities include Air Force units that have little or no real property accountability over the real estate they occupy. Examples include Active, Guard, or Reserve Air Force units that are located on installations belonging to other Services or leased office space that supports recruiting detachments, Office of Special Investigations Detachments, etc.

In conclusion, the Air Force classification system is designed to accurately describe Air Force installation posture. Major installations are self-supporting centers of operations. Minor installations are smaller operations with a squadron or larger presence. Support sites are detached entities that provide generalized support to the Air

* For the purpose of this report, Air Force categories 3 and 4 have been combined into DoD category 4. This more closely aligns Air Force base categories with the other Services and gives a more representative picture of DoD's base structure where significant numbers of personnel are assigned.

Force functions that have little or no real property accountability. To place these categories in FY 93 context, the Air Force possesses a total of 242 installations: 121 major and 121 minor. There are also numerous smaller support sites and other activities not listed in this report. A summary of the Air Force base structure is at TABLE X. The list of installations follows.

II. BASE STRUCTURE OVERVIEW

The Air Force base structure is intended to optimally support its force structure, support the training of the personnel required to man that force structure, support the maintenance of that force structure, and support the research and development necessary to modernize that force structure. A combination of threat and commitment to allies drives a balance of domestic and overseas bases.

In the past, the array of domestic bases was determined by a variety of factors such as survivability, dispersion, proximity to and unencroached access to training airspace and ranges, suitable weather, and adequate base infrastructure. As the Air Force looks to the future and a leaner, more capable force structure, it is compelled to close and realign bases. It must insure that the potential for limitations such as encroachment and airspace congestion are minimized at our remaining bases. Likewise, locations or regions where there is a greater potential for future airspace/range expansion must be optimized. Consequently, bases selected for closure should generally be those with the least flexibility to absorb future requirements, and the least potential to accommodate additional or new missions.

MAJOR CONSIDERATIONS AND CRITERIA:

Selecting Air Force bases to close because of reductions in force structure is an extremely difficult task. All of our bases suit their current purposes and are in good physical condition. Most have had substantial amounts of construction or renovation on them during the last decade as we strove to provide high quality facilities for our people to work and live in.

Following the Defense Base Closure and Realignment Act of 1990 (P.L. 101-510), and OSD guidance, the Air Force developed a structured process that would treat all bases equally, without regard to past studies or announcements. The basis for selection was the DoD Force Structure Plan submitted to Congress by the Secretary of Defense, and the eight DoD selection criteria approved by the Secretary:

- I Current and future mission requirements and the impact on operational readiness of the DOD's total force.
- II Availability and condition of land facilities and associated airspace at both the existing and potential receiving locations.
- III The ability to accommodate contingency, mobilization, and future force requirements at both the existing and potential receiving locations.
- IV The cost and manpower implications.
- V The extent and timing of potential cost savings, including the number of years, beginning with the date of completion of the closure or realignment, for the savings to exceed the costs.
- VI The economic impact on communities.
- VII The ability of both the existing and potential receiving communities infrastructure to support forces, missions and personnel.
- VIII The environmental impact.

PROCESS: The Secretary of the Air Force appointed a Base Closure Executive Group (BCEG) of general officers and comparable (SES-level) career civilians. Areas of expertise included environment; facilities and construction; finance; law; logistics; operations; personnel and training; and research, development and acquisition. Directors of Plans and Programs from the Major Commands (MAJCOMs) served as advisors to the group. Senior officers from the Air Reserve Component participated as appropriate. A working group of senior experts was established to provide staff support.

The BCEG reviewed all bases, active and reserve components, with more than 300 civilians authorized to be employed. Data on all such bases in the United States were collected on a standard questionnaire directly from the bases, with validation by MAJCOMs and Air Staff and with the assistance of an Air Force Audit Agency representative.

Expanded Criteria

Criterion I -- CURRENT AND FUTURE MISSION REQUIREMENTS AND THE IMPACT ON OPERATIONAL READINESS OF THE DOD's TOTAL FORCE. Considered the force structure and the base's effectiveness in accomplishing both the current mission, as well as

potential future Air Force missions. This was done by measuring how its geographic location, proximity to training areas and special use airspace support/enhance the missions. Additionally, existing and future associated air space availability and encroachment issues were identified.

Criterion II -- AVAILABILITY AND CONDITION OF LAND, FACILITIES AND ASSOCIATED AIRSPACE AT BOTH THE EXISTING AND POTENTIAL RECEIVING LOCATIONS. Considered the condition and capacity of existing facilities, and required replication of unique facilities. This criteria also considered existing and future community ground encroachment.

Criterion III -- THE ABILITY TO ACCOMMODATE CONTINGENCY, MOBILIZATION, AND FUTURE FORCE REQUIREMENTS AT BOTH THE EXISTING AND POTENTIAL RECEIVING LOCATIONS. Considered capacities of the aerodrome and installation infrastructure to meet different Air Force mission requirements during mobilization or contingency actions. This criteria also considered the installation's ability to execute future missions/requirements (focus on the installation's infrastructure capability).

Criterion IV -- THE COST AND MANPOWER IMPLICATIONS. Considered one-time closure costs, savings derived over a 20-year period, recurring savings, and support manpower spaces eliminated by closing the base.

Criterion V -- THE EXTENT AND TIMING OF POTENTIAL COST SAVINGS, INCLUDING THE NUMBER OF YEARS, BEGINNING WITH THE DATE OF COMPLETION OF THE CLOSURE OR REALIGNMENT, FOR THE SAVINGS TO EXCEED THE COSTS. Considered investment payback in years elapsed from closure to payback.

Criterion VI -- THE ECONOMIC IMPACT ON COMMUNITIES. Considered the effects on the community resulting from the potential loss of employment, population, and income. This criteria also considered the effect of the closure on the operating revenues of the local government, as well as providing an estimate for the length of time required to accomplish an Installation Restoration Program.

Criterion VII -- THE ABILITY OF BOTH THE EXISTING AND POTENTIAL RECEIVING COMMUNITIES INFRASTRUCTURE TO SUPPORT FORCES, MISSIONS AND PERSONNEL. Considered a variety of off-base community infrastructure support factors. These factors include off-base housing, public transportation, recreation and shopping facilities, crime rate, educational programs, spousal employment, and medical care.

Criterion VIII -- THE ENVIRONMENTAL IMPACT. An assessment of existing conditions for decision making. Considered air quality; adequacy and quality of the regional water supply; hazardous materials and solid/hazardous waste; biological and cultural constraints; type and quality of the area geology and soils.

III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

Force programming is dynamic and subject to many variables and revisions. Basing is closely tied to force posture and, thus, is also dynamic. Changes occur in response to altered assessments of the existing threat, force level and composition changes, revised deployment concepts and strategy, the continuing impact of resource management efforts, and national political adjustment. Each change in force posture has the potential to cause additional base adjustments in training and logistical support areas. Thus, Air Force base structure may only be defined within the context of existing circumstances. A substantial change in these circumstances, e.g., a decision to reduce overseas forces, would require adjustments in the existing CONUS base structure. Timing of the expansion of a weapon system influences bases selection, as do changes in force size and deployment concepts. In addition, base requirements for USAF weapon and support systems vary greatly due to differing weapon characteristics, operational support, and training requirements.

The ability to attain and maintain an operational posture which will ensure national security and support legitimate international commitments continues to be a prime objective in Air Force deployment decisions. Base selection and development must not only support employment plans for major weapon systems (along with their required combat support capabilities), they must also provide for training requirements generated by those systems. This development must also consider related test and development activities, adequate personnel, logistics, and communications support.

The Air Force places considerable emphasis on attaining maximum economies in the base support area, thereby enabling a greater proportion of the defense dollar to be expended on direct combat capability. Review of the base structure is continually ongoing to identify installations whose closure might result in resource savings without impacting combat capability.

Since each mission category has its own unique operational and training requirements which dictate Air Force base structure, each will be discussed separately. Specific major installations falling into each mission category, generally referred to as the IDPPC, are listed in Section VI.

STRATEGIC FORCES (100)

- Basing Requirements - Strategic Offense

In the basing of strategic offensive forces, careful consideration is given to geographic locations which maximize survivability of the force. For example, USAF intercontinental ballistic missiles (ICBMs) require sufficient area for adequate dispersal of launch sites. If Soviet submarine-launched missiles are postulated to be the most critical threat against our bombers and tankers, then inland bases should be considered for strategic offensive forces. Flying weather, airspace congestion, runways and pavements, maintenance and support facilities, and munitions storage capacity are all factors in basing decisions. A coastal base's force survivability can be enhanced through reposturing and dispersal to achieve the time needed to launch the forces safely and effectively.

Other operational requirements such as targeting, ranging and bomber/tanker mating must be considered when determining force beddown locations. Lateral support supplied to other commands, such as refueling overseas deployments of fighters and strategic airlift forces, is also a necessary consideration. Some overseas basing also enhances strategic operational effectiveness.

- Coming Force Structure Actions and Their Impact on Base Structure

Strategic Air Command (SAC), Tactical Air Command (TAC), and Military Airlift Command (MAC) will inactivate. Two new commands, Air Combat Command (ACC) and Air Mobility Command (AMC) will activate in mid-1992. Air Combat Command will have fighters, bombers, ICBMs, reconnaissance aircraft, and some tanker and airlift capability. Air Mobility Command will include the bulk of airlift assets, as well as a considerable portion of the tanker force. In conjunction, Air Force Logistics Command and Air Force Systems Command have merged into Air Force Materiel Command, and Air Force Communications Command has become a Field Operating Agency. The net result is a reduction in the number of major commands from 13 to 10. (This restructure applies to all mission categories).

The Administration has committed the United States to a program of strategic force modernization, including modernization of the ICBM force and deployment of the B-1B and B-2. In keeping with that commitment, the Air Force has deployed 50 Peacekeeper missiles in Minutemen III silos at F.E. Warren AFB, WY. Further, the Air Force is in the process of inactivating and retiring the Minuteman II fleet.

Lastly, the Air Force is continuing to plan and program for the development of the Strategic Training Range Complex in the northwestern United States.

- Basing Requirements - Strategic Defense

For strategic defense system, factors such as enemy weapon system performance, likely targets, and routes of attack are considered in basing decisions. Also considered are assessments of warning time to intercept, identify, and destroy the enemy vehicle. After consideration of all factors involved, a determination is made on the most effective deployment area.

- Base Requirements - Space Operations

Air Force Space Command (AFSPACCOM), a component of US Space Command, manages and operates assigned space assets and launch control resources. These missions require a decentralized facility structure that provides flexible launch capability, coverage for attack warning, surveillance and satellite control. In keeping with its launch control responsibilities, AFSPACCOM has gained command ownership of Patrick and Vandenberg AFBs.

- Coming Force Structure Actions and Their Impact on Base Structure

Falcon AFB, which is just east of Colorado Springs and home of the 2nd Space Wing along with Onizuka AFB near Sunnyvale, CA, are expanding to assume a greater role in satellite control.

GENERAL PURPOSE FORCES (200)

- Basing Requirements - Tactical

The nature of the tactical mission and its inherent complex equipment require considerable training facilities in the CONUS. Accessibility of weapons ranges, proximity to training airspace (including supersonic), and suitable weather to conduct the large volume of training are necessary. CONUS units conduct the initial weapons system training for all US Tactical Air Forces and provide a ready source of deployable forces for contingency response. This world-wide deployment tasking places some additional constraints on basing posture since forces should be conveniently aligned to airlift and tanker support. In addition, tactical forces which directly support the Army, such as tactical air control units, should be located as close as possible to support Army training and operational requirements.

Tactical forces overseas are based according to strategic, tactical, and security policy considerations in addition to any usual CONUS basing criteria. Each base must be capable of efficient peacetime operation and be prepared to meet the mission requirements it is tasked to conduct in combat or contingency situations. Each type of mission has its own peculiar basing requirements according to current strategies and contingency plans. The need for combat dispersal must be considered along with a requirement to receive forces from the CONUS in time of crisis. The overseas base structure must maintain a capability to respond to changing tactical and strategic situations. The overseas base structure requires cooperation of host governments, hence basing requirements must be set in the context of international security policy.

- Coming Force Structure Actions and Their Impact on Base Structure

The Air Force will continue to modernize the fighter force as it brings additional new F-15E and F-16 aircraft into the active inventory. The results of the F-16 modernization will benefit the Air Reserve components where increasing numbers of older F-4s and A-7s will be retired and replaced with F-16s from the active forces. As a part of this overall effort, the Air National Guard has been given a dedicated training capability in the F-16. This capability has been expanded to include some foreign military training.

- Basing Requirements - Mobility

Beddown locations for aircraft units are normally determined by wartime taskings, peacetime operations, and training requirements.

Units primarily to support inter-theater airlift are normally located along the east and west coasts of the United States in proximity to major transportation hubs. This basing strategy maximizes efficient use of available airlift assets and expedites personnel and cargo movement through the DoD transportation system. Forces primarily tasked to support intra-theater airlift requirements and close support of combat forces are located in proximity to the units of types of forces they will support. These airlift units require extensive training areas for low-level flying and restricted airspace for practicing aerial delivery of paratroopers and equipment. Collocating airlift with supported units enhances integration and builds cohesiveness.

- Coming Force Structure Actions and Their Impact on Base Structure

Airlift forces were affected significantly in the Air Force reorganization. Airlift force structure changes are designed to modernize the force and to expand the role of the

Air Reserve component in the airlift mission. The active duty force will soon receive its first C-17. This will add new dimensions to national airlift capacity and flexibility.

Special operations forces are being strengthened by the introduction of additional MC-130 Combat Talon aircraft and AC-130 gunships into the inventory.

AUXILIARY FORCES (300)

- **Basing Requirements**

Air Force Systems Command (AFSC) is responsible for the research, development, production, and procurement actions necessary to acquire aerospace weapon systems and support systems essential to the Air Force mission. AFSC delivers complete and operable systems to the using major commands. To accomplish its mission, AFSC must have extensive test facility complexes require runways, large areas of restricted airspace, numerous range and tracking facilities for administration of test programs and the correlation of basic and applied research during weapons development are also required.

The Air Force Communications Command's (AFCC) mission as a Field Operating Agency (FOA) is to provide the Air Force and the Department of Defense with communications, data automation, electronic and engineering installations, and air traffic control capability. For this tasking, AFCC requires facilities which permit ready access to related commercial facilities. Other locations in relatively remote areas act as communication links.

- **Coming Force Structure Actions and Their Impact on Base Structure**

AFSC and AFIC will merge to become Air Force Materiel Command (AFMC) in the summer of 1992.

The President and Secretary of Defense initiated a Defense Management Review (DMR) during 1989 which targeted the acquisition process for streamlining. The DMR initiatives are continuing to be implemented over the next few years.

MISSION SUPPORT FORCES (400)

- Basing Requirements

Extensive facilities are required for mission support functions to sustain Air Force mission equipment and personnel. For example, medium range aircraft require refueling stops on transoceanic flights. These installations must have runways of sufficient length and weight bearing capacities to support transient aircraft and must have adequate billeting and other services available for transient personnel.

- Coming Force Structure Actions and Their Impact on Base Structure

Military Airlift Command is merged into the Air Combat Command and the Air Mobility Command.

CENTRAL SUPPORT FORCES (500)

- Basing Requirements

The mission of the Air Force Logistics Command (AFLC) is to provide responsive, effective, and economical support to meet the wide variety of missions assigned to the United States Air Force. To accomplish these tasks effectively, logistic support installations must be adjacent to transportation network terminals and facilities. Extensive warehousing, open automated requisitioning, procurement, and associated data storage activities are essential.

Air Training Command (ATC) requires the availability of extensive classroom, library and study facilities. Secure training facilities are required when training is being conducted on classified systems.

The location of flying training activities within areas of favorable flying weather and adjacent to unrestricted areas of airspace are essential for undergraduate pilot training (UPT) bases. Three parallel runways are highly desirable for main training bases with auxiliary fields within a short distance from the main base.

- Coming Force Structure Actions and Their Impact on Base Structure

AFLC and AFSC will merge to become Air Force Materiel Command (AFMC) in the summer of 1992.

IV. BASE OPERATING COSTS FOR 1993

A summary of the estimated FY 1993 cost (\$ million) for Air Force Base Operating Support is at TABLE IX.

Base operating costs identified in this section are not limited to those major and minor installations described in Section VI, but include all Air Force property listed in the real property inventory.

Base operating costs as defined here include military family housing and military construction costs as well as recurring operating costs such as utilities, facilities maintenance, and other support activities. Users are cautioned that military family housing, military construction, and recurring operating costs vary among bases. Therefore, base operating costs, defined as these are, would not be suitable for comparisons among bases.

Additional details related to Air Force management of base operating support functions can be obtained from the Air Force study entitled, Air Force Management of Base Operating Support Functions. This study describes the relationship of Air Force base operating support functions to Air Force combat capability and outlines how the Air Force is organized to conduct base operating support activities.

V. ACTIONS TO ENHANCE EFFICIENCIES AND REDUCE COSTS

The Air Force will use base closures and sweeping organizational restructuring to streamline management, stimulate leadership, strengthen operations, and save money as threat and budgetary considerations draw down force structure.

BASE CLOSURES

The 1988 Base Closure Commission recommended the following closures: Pease, March 1991; George, December 1992; Chanute, September 1993; Mather, September 1993; and Norton, March 1994.

The 1991 Base Closure Commission recommended the following closures: 1992 - Eaker and England; 1993 - Bergstrom, Carswell, Myrtle Beach, Williams and Wurtsmith; 1994 - Grissom, Loring, Lowry, MacDill (partial), Richards-Gebaur and Rickenbacker; 1995 - Castle.

Overseas Action: Since 1990 it has been announced that the Air Force will withdraw from 28 overseas installations. The Air Force is conducting diplomatic consultation on withdrawals from additional overseas installations.

AIR FORCE RESTRUCTURE

The Air Force has embarked on a restructuring that reflects vision, incorporates modern management practices and builds combat capability. This restructuring constitutes the most significant change since its founding in 1947. The overall character is clear: to be even better prepared in the future to provide Global Reach - Global Power for the Nation.

Headquarters Air Force - The Air Force Headquarters functions to set policy; review and evaluate program guidance; plan, program, and budget; and allocate and distribute resources. A number of headquarters elements have gradually migrated away from these activities. Hence, the headquarters restructuring effort refocuses the Pentagon staff on these four functions, while also streamlining and delayering the organization. The Secretariat will focus on the business matters of the Air Force while the Air Staff deals with operational matters. The immediate result is a smaller Headquarters with approximately a 21% reduction in personnel.

Major Commands - Systems and Logistics Commands will merge into Air Force Materiel Command and will become operational in the summer of 1992.

A new Air Force Intelligence Command has taken charge of the broader Air Force intelligence mission which has been scattered across several commands. Strategic Air Command (SAC), Tactical Air Command (TAC), and Military Airlift Command (MAC) will inactivate. Two new commands, Air Combat Command (ACC) and Air Mobility Command (AMC) will activate in mid-1992. Air Combat Command will have fighters, bombers, ICBMs, reconnaissance aircraft, and some tanker and airlift capability. Air Mobility Command will include the bulk of airlift assets, as well as a considerable portion of the tanker force. Air Force Logistics Command and Air Force Systems Command have merged into Air Force Materiel Command, and Air Force Communications Command has become a Field Operating Agency. The net result will be a reduction in the number of major commands from 13 to 10.

Numbered Air Forces and Air Divisions - Numbered Air Forces will have minimal staffs and will become operational echelons. The management function disappears leaving only combat operations activity. The numbered Air Force staff will shrink to about half its present size. All air divisions will be eliminated.

Wings - The basic unit for generating and employing combat capability is the wing, and some very significant changes will take place at this level. Several wings will become "Composite Wings," meaning that they operate more than one kind of aircraft. Mountain Home AFB will be a composite wing where F-15C/Ds, F-15Es, tankers, AWACS aircraft, and other aircraft will form a unit designed for quick air intervention anywhere in the world. At Pope AFB, a wing of A-10s, F-16s, and C-130s will be assembled to train with the Army at nearby Fort Bragg. "One Base, One Wing, One Boss" is the motto that describes the new wing structure. Wing commanders who have the rank of Brigadier General (rather than Colonel) will command the wing, the base, and all associated local resources.

Shrinking budgets compel the Air Force to trim down, tone up, and operate with more efficiency. Base closures and restructuring are designed to make combat capability the number one priority.

TABLE VIII - SUMMARY OF AIR FORCE INSTALLATIONS - SEPTEMBER 30, 1991

Mission Category (IDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
STRATEGIC (101)	27	0	2	29
INTELLIGENCE AND COMMUNICATIONS (103)	2	0	1	3
GUARD AND RESERVE (105)	7	0	0	7
RESEARCH AND DEVELOPMENT (106)	2	0	0	2
GENERAL PURPOSE (202)	26	1	26	53
AIRLIFT/SEALIFT (204)	11	0	3	14
GUARD AND RESERVE (205)	87	1	0	88
INTELLIGENCE AND COMMUNICATIONS (303)	3	0	2	5
RESEARCH AND DEVELOPMENT (306)	7	0	0	7
CENTRAL SUPPLY AND MAINTENANCE (EASTERN TEST RANGE) (307)	2	0	0	2
STRATEGIC (401)	2	0	0	2
GENERAL PURPOSE (402)	1	0	2	3
CENTRAL SUPPLY AND MAINTENANCE (507)	9	0	0	9
TRAINING, MEDICAL AND OTHER PERSONNEL (508)	17	0	0	17
ADMINISTRATION AND ASSOCIATED ACTIVITIES (509)	1	0	0	1
TOTAL AIR FORCE	204	2	36	242

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	IDPPC	Cat	Code	Mil	Civ	Other	Tot	Total Acreage	Round	BPAC	Major Unit-Activity Function
ALABAMA												
ABSTON AFS	ABSTON	303	2	1	15	0	0	16	31			280 COMB SQ (ANG)
BIRMINGHAM MAP AFS	BIRMINGHAM	205	2	4	337	0	0	341	86			117 RECON WING (ANG)
DANNELLY FIELD AFS	MONTGOMERY	205	2	4	315	0	0	319	51			107 FIGHTER GROUP (ANG)
HALL AFS	DOTHAN	205	2	1	46	0	0	47	18			115 TAC CONTROL SQ
MAXWELL AFB	MONTGOMERY	508	1	2355	1522	549	4425	4425	3528			AIR UNIVERSITY
ALASKA												
CLEAR AFS	ANDERSON	101	2	113	53	226	392	392	11438			MISSILE WARNING
EIELSON AFB	FAIRBANKS	202	1	3534	594	243	4371	4371	19940			343 FIGHTER WING
ELMENDORF AFB	ANCHORAGE	202	1	7056	1405	729	9190	9190	13130			21 FIGHTER WING
GALENA AIRPORT AFS	GALENA	202	2	310	14	375	375	375	182			FORWARD OPERATING LOCATION
KING SALMON AIRPORT	KARNEK	202	2	277	17	52	346	346	86			FORWARD OPERATING LOCATION
KULIS AFB	ANCHORAGE	205	2	4	424	0	428	428	129			176 COMPOSITE GROUP (ANG)
SHEMYA AFB	ALEUTIANS	303	1	587	26	120	733	733	3520			5073 AIR BASE GROUP
ARIZONA												
DAVIS MONTHAN AFB	TUCSON	202	1	4627	1306	286	5219	5219	10982			355 FIGHTER AIR WING
GILA BEND AFS	GILA BEND	202	2	151	102	75	328	328	1886			AUXILIARY FIELD
LUKE AFB	LITCHFIELD PARK	202	1	4275	1089	288	5652	5652	4258			58 FIGHTER WING
PHOENIX SKY HARBOR IAP AFS	PHOENIX	105	2	3	339	0	342	342	51			161 AIR REF GROUP (ANG)
TUCSON IAP AFS	TUCSON	205	2	27	852	0	879	879	86			162 FIGHTER GROUP (ANG)
WILLIAMS AFB	CHANDLER	508	1	1217	397	1013	2627	2627	4762	91	C	82 FTW
ARKANSAS												
EAKER AFB	ELYTHEVILLE	101	1	1112	283	162	1557	1557	3936	91	C	97 AIR REF WG
FORT SMITH MAP AFS	FORT SMITH	205	2	3	289	0	292	292	98			188 FIGHTER GROUP (ANG)
LITTLE ROCK AFB	JACKSONVILLE	204	1	5692	849	419	6960	6960	11552			314 AIRLIFT WING
CALIFORNIA												
BEALE AFB	MARYSVILLE	101	1	3248	416	388	4152	4152	22944			9 WING
CASTLE AFB	MERCED	101	1	4542	571	324	5237	5237	3257	91	C	93 WING
CHANNEL ISLAND AFS	OXNARD	205	2	4	364	0	368	368	50			145 AIRLIFT WING (ANG)
EDWARDS AFB	ROSAMOND	306	1	4294	2419	2129	8842	8842	300667			AF FLIGHT TEST CENTER
FRESNO AIR TERMINAL AFS	FRESNO	205	2	3	386	0	389	389	127			144 FTW (ANG)
GEORGE AFB	ADELANTO	202	1	2746	297	141	3184	3184	53889	88	C	35 FIGHTER WING
LOS ANGELES AFB	EL SEGUNDO	306	1	1794	1444	532	3770	3770	102			SPACE SYSTEMS CENTER
MARCH AFB	SUNNYMEAD	101	1	3181	1287	456	4924	4924	6854			22 AIR REF WG
MATHER AFB	RANCHO CORDOVA	506	1	1956	823	564	3243	3243	5945	88	C	323 FLYING TRAINING WG
MCCLELLAN AFB	SACRAMENTO	507	1	3121	10406	2391	15918	15918	3137			AIR LOGISTICS CENTER
NORTH HIGHLANDS AFS	NORTH HIGHLANDS	205	2	4	38	0	42	42	9			162 COMB GP (ANG)
NOPTON AFB	SPAN BERNARDINO	204	1	4716	2092	547	7345	7345	2399	88	C	63 AIRLIFT WG
ONIZUKA AFB	SUNNYVALE	306	1	756	242	502	1500	1500	23			SATELLITE CONTROL OPS

Installation Name	City	IDPPC Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
ONTARIO IAP AGS	ONTARIO	205 2	1	25	0	26	39		148 COM SQN (ANG)
TRAVIS AFB	FAIRFIELD	204 1	9272	2061	467	10800	7545		69 AIRLIFT WING
VANDENBERG AFB	LOMECO	106 1	3345	1232	3155	7732	98949		SPACE LAUNCH / MSL TEST CTR
COLORADO									
BUCKLEY AFB	AURORA	205 1	618	653	85	1357	7007		140 FIGHTER WING (ANG)
CHEYENNE MOUNTAIN AFB	COLORADO SPGS	101 1	1046	198	102	1346	519		AIR DEFENSE CMD/CONTROL
FALCON AFB	ELLICOTT	401 1	1870	393	276	2539	2163		2 SPACE WING
LOWRY AFB	DENVER	508 1	2949	1571	550	5070	1934	91 C	TECH TRAINING CENTER
PETERSON AFB	COLORADO SPGS	401 1	3100	1682	1944	6726	1155		USSPACECOM & AFSpaceCOM HQS
US AIR FORCE ACADEMY	COLORADO SPGS	508 1	2365	1959	672	4996	52633		OFFICER ACQUISITION TRAINING
CONNECTICUT									
SHADLEY IAP AGS	WINDSOR LOCKS	205 2	1	299	0	300	125		103 FIGHTER GROUP (ANG)
ORANGE AFB	NEW HAVEN	205 2	1	45	0	46	29		ACFT CONTROL/WARNING (ANG)
DELAWARE									
DOVER AFB	DOVER	204 1	4234	1258	243	5735	3760		436 AIRLIFT WING
NEW CASTLE COUNTY AFB AGS	NEWPORT	205 2	5	255	0	260	57		166 AIRLIFT GROUP (ANG)
DIST OF COLUMBIA									
BOLLING AFB	WASHINGTON	509 1	3231	1045	320	4596	604		AIR FORCE DISTRICT WASH
FLORIDA									
AVON PARK AFB	AVON PARK	202 2	61	62	21	144	5181		AUXILIARY AIRFIELD
CAPE CANAVERAL AFS	PORT CANAVERAL	307 2	303	235	2949	3487	15435		SPACE LAUNCH OPERATIONS
EGLIN AAF 3 (DUKE FIELD)	CRESTVIEW	202 2	244	373	0	617	1348		919 SPECIAL OPS GROUP (AFR)
EGLIN AAF 9 (HURLBURT FIELD)	MARY ESTHER	202 1	8420	649	127	9196	6634		AF SPECIAL OPERATIONS CMD
EGLIN AFB	VALPAHISO	306 1	8430	3755	1950	14135	454214		DEVEL TEST CENTER
HOMESTEAD AFB	HOMESTEAD	202 1	4520	931	220	5671	3347		31 FIGHTER WING
JACKSONVILLE IAP AGS	CALLAHAN	205 2	3	392	0	395	332		125 FIG (ANG)
MACDILL AFB	TAMPA	202 1	6040	84	141	7066	5767	91 R	56 FIGHTER WG
PATRICK AFB	COCOA BEACH	307 1	3475	1184	1958	6621	2341		AF EASTERN TEST RANGE
TINDALL AFB	PANAMA CITY	202 1	4571	996	434	6001	28824		AIR DEFENSE WEAPONS CENTER
GEORGIA									
DOBBS AFB	MARIETTA	205 1	63	1164	67	1714	1903		94 AIRLIFT WG (AFR/ANG)
MCCOLLUM AFB	KENNESAW	205 2	1	47	0	48	13		ACFT CONTROL/WARNING (ANG)
MOODY AFB	VALDOSTA	202 1	2955	399	195	3549	5931		347 FIGHTER WING
ROBINS AFB	WARNER ROBINS	507 1	3814	13190	7987	25191	8790		AIR LOGISTICS CENTER
SAVANNAH IAP AGS	SAVANNAH	205 2	3	264	0	267	232		165 AIRLIFT GROUP (ANG)

AIR FORCE BASE STRUCTURE
 United States
 September 30, 1991

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
HAWAII										
HICKAM AFB	HONOLULU	402	1	4376	1897	184	6457	2912		HQ PACAF
KOKEE AFB	KEKAHA	106	2	0	37	0	37	11		ACFT CONTROL & WARNING
IDAHO										
BOISE AIR TERMINAL AGS	BOISE	205	2	0	526	0	526	1994		224 RECON GROUP (ANG)
MOUNTAIN HOME AFB	MOUNTAIN HOME	202	1	1749	458	306	2513	9113		366 WING
ILLINOIS										
CAPITAL MFB AGS	SPRINGFIELD	205	2	3	327	0	330	91		193 FIGHTER GROUP (ANG)
CHRYSLER AFB	RANTOUL	508	1	1894	793	752	3439	2174	8F C	TECH TRAINING CENTER
GREATER PEORIA APT AGS	BARTONVILLE	205	2	4	257	0	261	386		182 TAC AIR SUPPORT GP (ANG)
O'HARE IAP ARS	CHICAGO	205	2	13	760	39	812	389		928 AIRLIFT GROUP (AFR/ANG)
SCOTT AFB	BELLEVEILLE	204	1	6760	2973	6808	16541	3172		HQ AIR MOBILITY CMD
INDIANA										
FT WAYNE MAP AGS	FORT WAYNE	205	2	5	345	0	350	138		122 FIGHTER WING (ANG)
GRISSOM AFB	HUNKER HILL	101	1	2298	785	144	3227	3180	91 C	305 AIR REF WC
HULMAN REGIONAL APT AGS	TERRE HAUTE	205	2	5	299	0	304	279		181 FIGHTER GROUP (ANG)
IOWA										
DES MOINES IAP AGS	DES MOINES	205	2	1	332	0	333	113		132 FIGHTER WING (ANG)
SIoux CITY MAP AGS	SERGEANT BLUFF	205	2	3	280	0	283	106		185 FIGHTER GROUP (ANG)
KANSAS										
FORBES FIELD AGS	PAULINE	105	2	3	379	0	382	200		196 AIR REF GROUP (ANG)
MCCONNELL AFB	WICHITA	101	1	2022	1244	159	4425	7686		364 WING
KENTUCKY										
STANDIFORD FIELD AGS	LOUISVILLE	205	2	5	309	0	314	65		123 RECON WING (ANG)
LOUISIANA										
BARKSDALE AFB	BOSSIER CITY	101	1	5476	1079	526	7081	22362		2 WING
ENGLAND AFB	ALEXANDRIA	202	1	1112	247	129	1486	2642	91 C	23 FIGHTER WING
HAMMOND AGS	HAMMOND	205	2	0	28	0	28	22		236 COMA SQ (ANG)
MAINE										
BANGOR AGS	BANGOR	105	2	4	371	0	375	302		101 AIR REFUELING WING (ANG)
LORING AFB	LIMESTONE	101	1	2861	467	184	3512	9791	91 C	42 WING

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	ID2C	Cat	Code	Mil.	Civ	Other	Tot	Total Acraage	Round	RFAC	Major Unit-Activity Function
SOUTH PORTLAND AGS	SOUTH PORTLAND	205 2	2	2	39	0	0	41	12			265 COMM SQ (ANG)
MARYLAND												
ANDREWS AFB	CAMP SPRINGS	204 1	1	10061	2437	725	0	13223	4971			89 AIRLIFT WING
MARTIN STATE AGS	BALTIMORE	205 2	2	7	483	0	0	490	175			135 ALFT GP/75 FTR GP (ANG)
MASSACHUSETTS												
BARNES MAP AGS	WESTFIELD	205 2	2	2	302	0	0	304	134			104 FIGHTER GROUP (ANG)
CAPE COD AFS	BOURNE	103 2	2	101	9	92	0	202	101			PAVE PAMS
HANSCOM AFB	BEDFORD	306 1	1	3192	2424	166	0	5782	967			ELECTRONIC SYSTEMS DIVISION
OTIS AFB	FALMOUTH	205 1	1	3	698	36	0	737	3880			102 FIW (ANG)
WELLESLEY AGS	WELLESLEY	205 2	2	3	41	0	0	44	8			253 COMM GP (ANG)
WESTOVER AFB	CHICOPEE	205 1	1	9	963	37	0	1009	2592			439 AIRLIFT WING (AFR)
WORCHESTER AGS	WORCHESTER	205 2	2	2	63	0	0	65	8			101 TAC CONTROL SQ (ANG)
MICHIGAN												
K. I. SAWYER AFB	GWINN	101 1	1	3151	365	156	0	3672	5214			410 BOMB WING
SELFRIDGE AFB	MT CLEMENS	205 1	1	111	1354	0	0	1465	3081			127 FIGHTER WING (ANG/AFR)
W K KELLOGG REGIONAL APT AGS	BATTLE CREEK	205 2	2	4	246	0	0	250	315			110 FIGHTER GROUP (ANG)
WURTSMITH AFB	OSCODA	101 1	1	2868	338	70	0	3276	5298	91 C		379 WING
MINNESOTA												
DULUTH IAP AGS	DULUTH	205 2	2	4	403	0	0	407	409			148 FIG (ANG)
MINNEAPOLIS/ST PAUL IAP ARS	MINNEAPOLIS	205 2	2	18	608	35	0	661	302			934 AIRLIFT GROUP (AFR/ANG)
MISSISSIPPI												
ALLEN C THOMPSON FIELD AGS	FLOWOOD	205 2	2	4	305	0	0	309	116			172 AIRLIFT GROUP (ANG)
COLUMBUS AFB	COLUMBUS	508 1	1	1182	315	809	0	2306	6015			14 FLYING TRAINING WING
GULFPORT/BILOXI N&P AGS	GULFPORT	205 2	2	1	113	0	0	114	219			READINESS TRNG SITE (ANG)
KEESLER AFB	BILOXI	508 1	1	5305	2016	673	0	7994	3489			TECH TRAINING CENTER
KEY FIELD AGS	MERIDIAN	205 2	2	3	365	0	0	368	117			186 RECON GROUP (ANG)
MISSOURI												
DMA ZEROSPACE CTR	ST LOUIS	507 2	2	50	3266	22	0	3338	64			DEFENSE MAP AGENCY
JEFFERSON BARRACKS AGS	ST LOUIS	205 2	2	2	60	0	0	62	135			ACFT CONTROL/WARNING (ANG)
LAMBERT ST LOUIS IAP AGS	ST ANN	205 2	2	20	410	21	0	451	354			131 FIGHTER WING (ANG)
RICHARDS GEBRUR ARS	BELTON	205 2	2	6	365	284	0	655	433	91 C		442 FIGHTER WG (AFR)
ROSECRANS MEMORIAL APT AGS	ELWOOD	205 2	2	6	273	0	0	279	302			139 AIRLIFT GROUP (ANG)
WHITEMAN AFB	KNOB NOSTER	101 1	1	3430	435	140	0	4005	25060			351 MISSILE WING
MONTANA												
GREAT FALLS IAP AGS	GREAT FALLS	205 2	2	3	376	0	0	379	139			120 FIG (ANG)

DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 United States
 September 30, 1991

Installation Name	City	ID#PC	Cat Code	Mil	Civ	Other	Tot	Total Acresage	BRAC Round	Major Unit-Activity Function
MALMSTROM AFB	GREAT FALLS	101	1	4296	480	256	5032	29198		341 MISSILE WING
NEBRASKA										
LINCOLN MUNICIPAL AIRPORT AG	LINCOLN	205	2	3	328	0	331	175		155 RECON GROUP (ANG)
OFFUTT AFB	BELLEVUE	101	1	11384	1762	1332	14478	3507		HQS USSTRATCOM
NEVADA										
NELLIS AFB	LAS VEGAS	202	1	6142	973	1218	9333	22115		FIGHTER WEAPONS CNTR
RENO CANNON IAP AGS	RENO	205	2	4	322	0	326	123		152 RECON GROUP (ANG)
TONOPAH AFS	TONOPAH	306	2	0	0	0	0	43		R&D ACTIVITIES
NEW HAMPSHIRE										
NEW BOSTON AFS	MT VERNON	101	2	25	63	116	204	2873		ELECTRONICS SITE
PEASE AGS	NEWINGTON	101	2	4	358	0	362	229		133 AIR REFUELING SQ (ANG)
NEW JERSEY										
ATLANTIC CITY MAP AGS	PLEASANTVILLE	205	2	3	368	0	371	286		177 FIG (ANG)
MCGUIRE AFB	WRIGHTSTOWN	204	1	4730	1762	276	6768	3820		438 AIRLIFT WING
NEW MEXICO										
CANNON AFB	CLOVIS	202	1	6002	471	211	6684	4571		27 FIGHTER WING
HOLLOMAN AFB	ALAMOGORDO	202	1	3250	1046	497	4793	58498		49 FIGHTER WING
KIRTLAND AFB	ALBUQUERQUE	204	1	4961	2801	588	8350	44025		542 CREW TRG WG/AFOTEC
NEW YORK										
GRIFFISS AFB	ROME	101	1	3988	2484	203	6675	4025		416 WING
HANCOCK FIELD AGS	SYRACUSE	202	2	5	367	0	372	371		174 FIGHTER WING (ANG)
NIAGARA FALLS IAP AFS	NIAGARA FALLS	205	2	5	661	83	749	985		914 AIRLIFT GROUP (AFR)
PLATTSBURGH AFB	PLATTSBURGH	101	1	2116	346	115	2577	4818		380 WING
ROSLYN AGS	ROSLYN	205	2	2	48	0	50	50		273 COMM SQ (ANG/AFR)
SCHENECTADY AIRPORT AGS	SCHENECTADY	205	2	7	245	0	253	106		109 AIRLIFT GROUP (ANG)
STEWART IAP AGS	NEW WINDSOR	205	2	4	667	0	671	304		105 AIRLIFT GROUP (ANG)
SUFFOLK COUNTY AIRPORT AGS	WESTHAMPTON BCH	205	2	3	263	0	266	71		106 AIR RESCUE GROUP (ANG)
NORTH CAROLINA										
BADIN AGS	BADIN	205	2	1	28	0	29	21		263 COMM SQ (ANG)
CHARLOTTE/DOUGLAS IAP AGS	CHARLOTTE	205	2	4	322	0	326	69		145 AIRLIFT GROUP (ANG)
POPE AFB	FAYETTEVILLE	204	1	4484	400	203	5087	1890		317 AIRLIFT WING
SEYMOUR JOHNSON AFB	GOLDSBORO	202	1	4716	530	390	5636	4118		4 FIGHTER WING
NORTH DAKOTA										

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	IDFPC	Cat	Code	Mil.	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
CAVALIER AFS	MOUNTAIN	103	2	23	7	127	157	650			MISSILE WARNING
GRAND FORKS AFB	EMERADO	101	1	4903	470	268	5641	23857			319 WING
HECTOR FIELD IAF AGS	FARGO	205	2	6	382	0	388	133			119 FIG (ANG)
MINOT AFB	MINOT	101	1	5005	589	278	5872	24498			5 WING
OHIO											
CAMP PERRY AGS	PORT CLINTON	205	2	0	31	0	31	32			200 CIVIL ENGINEER SQN (ANG)
GENTILE AFS	DAYTON	507	2	31	2213	0	2244	165			DEF ELEC SUP CTR (DLA)
MANSFIELD LAHM MAP AGS	MANSFIELD	205	2	4	234	0	238	224			179 AIRLIFT GROUP (ANG)
NEWARK AFB	HEATH	507	1	78	1965	105	2148	72			LOGISTICS/AGMC
RICKENBACKER AGB	LOCKBOURNE	105	1	0	1794	12	1806	2597		91 C	121 AIR REF WG (ANG/AFR)
SPRINGFIELD BECKLEY MAP AGS	SPRINGFIELD	205	2	5	330	0	335	114			178 FIGHTER GROUP (ANG)
TOLEDO EXPRESS APT AGS	SWANTON	205	2	4	289	0	293	84			180 FIGHTER GROUP (ANG)
WRIGHT-PATTERSON AFB	FAIRBORN	507	1	4699	9102	1732	15533	8245			AF MATERIEL COMMAND HQ
YOUNGSTOWN MAP ARS	VIENNA	205	2	5	349	16	370	740			910 AIRLIFT GROUP (AFR)
OKLAHOMA											
ALTUS AFB	ALTUS	508	1	3138	480	478	4096	4240			443 AIRLIFT WING
TINKER AFB	MIDWEST CITY	507	1	7175	14536	5216	26927	4668			AIR LOGISTICS CENTER
TULSA IAF AGS	TULSA	205	2	2	298	0	300	82			138 FIGHTER GROUP (ANG)
VANCE AFB	ENID	508	1	754	90	1520	2364	3109			71 FLYING TRAINING WING
WILL ROGERS WORLD APT AGS	OKLAHOMA CITY	205	2	5	262	0	267	133			137 AIRLIFT WING (ANG)
OREGON											
KINGSLEY FIELD AGS	KLAMATH FALLS	205	2	3	373	0	376	425			114 FIGHTER TRG SQ (ANG)
PORTLAND IAF AGS	PORTLAND	205	2	8	752	0	760	314			142 FIG (ANG)
PENNSYLVANIA											
GREATER PITTSBURGH IAF AGS	CORAOPOLIS	105	2	23	888	33	944	596			171 AIR REF WG (ANG/AFR)
HARRISBURG OLMSTED IAF AGS	MIDDLETOWN	205	2	0	314	0	314	64			193 SPECIAL OPS GROUP (ANG)
WILLOW GROVE ARS	HATBORO	205	2	0	592	17	609	162			913 AIRLIFT GROUP (AFR/ANG)
RHODE ISLAND											
COVENTRY AGS	COVENTRY	205	2	0	40	0	40	17			281 COMM GROUP (ANG)
NORTH SMITHFIELD AGS	SLATERSVILLE	205	2	0	47	0	47	10			ACFT CONTROL/WARNING (ANG)
QUONSET STATE AIRPORT AGS	N KINGSTON	205	2	6	259	9	274	60			143 AIRLIFT GROUP (ANG)
SOUTH CAROLINA											
CHARLESTON AFB	CHARLESTON	204	1	4653	1136	301	6090	3733			437 AIRLIFT WING
MCENTIRE AGB	EASTOVER	205	1	5	377	0	382	2473			169 FIGHTER GROUP (ANG)
MIRTL BEACH AFB	MIRTL BEACH	202	1	1428	295	57	1780	3976		91 C	354 FIGHTER WING
SHAW AFB	SUMTER	202	1	5472	748	203	6423	3416			363 FIGHTER WING

DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 United States
 September 30, 1991

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
SOUTH DAKOTA										
ELLSWORTH AFB	BOX ELDER	101	1	6416	496	279	7191	28106		28 WING
JOE FOSS FIELD AGS	STIOUX FALLS	205	2	4	294	0	298	163		114 FIGHTER GROUP (ANG)
TENNESSEE										
ARNOLD AFB	MANCHESTER	306	1	130	198	1545	1873	39081		R&D ACTIVITY
MCGHEE TYSON AIRFORT AGS	ALCOA	105	2	67	397	0	464	271		134 AIR REF GROUP (ANG)
MEMPHIS IAP AGS	OAKVILLE	205	2	11	259	0	270	95		164 AIRLIFT GROUP (ANG)
NASHVILLE METROPOLITAN APT A	NASHVILLE	205	2	5	371	0	376	85		118 AIRLIFT WING (ANG)
TEXAS										
BERGSTROM AFB	AUSTIN	202	1	2496	736	155	3387	4170	91 C	67 RECON WING
BROOKS AFB	SAN ANTONIO	508	1	1490	1370	183	3043	1310		HUMAN SYSTEMS CENTER
CARSWELL AFB	FORT WORTH	101	1	4569	761	220	5550	3269	91 C	7 WING
DYESS AFB	ABILENE	101	1	5147	407	276	5830	6412		96 WING
ELDORADO AFS	ELDORADO	101	2	94	23	69	186	129		PAVE PAWS
ELLINGTON FIELD AGS	HOUSTON	205	2	3	410	0	413	215		147 FIG (ANG)
GARLAND AGS	GARLAND	205	2	3	35	0	38	6		254 COMM SQN (ANG)
GOODFELLOW AFB	SAN ANGELO	508	1	2258	309	110	2677	1136		TECH TRAINING CTR
KELLY AFB	SAN ANTONIO	507	1	4232	16587	4225	25044	4704		AIR LOGISTICS CENTER
LA PORTE AGS	LA PORTE	205	2	1	16	0	17	12		272 ENG INSTAL SQ (ANG)
LACKLAND AFB	SAN ANTONIO	508	1	6065	2472	1195	9732	5726		BASIC MILITARY TRG
LAUGHLIN AFB	DEL RIO	508	1	1165	851	327	2343	4745		47 FLYING TRAINING WING
RANDOLPH AFB	UNIVERSAL CITY	508	1	4468	2654	431	7553	3183		AIR TRAINING CMD HQ
REESE AFB	LUBBOCK	508	1	1067	356	926	2349	3293		64 FLYING TRAINING WING
SHEPPARD AFB	WICHITA FALLS	508	1	3158	1041	1719	5918	5477		TECH TRAINING CENTER
UTAH										
HILL AFB	CLEARFIELD	507	1	4878	11322	5706	21906	946002		AIR LOGISTICS CENTER
SALT LAKE CITY IAP AGS	SALT LAKE CITY	105	2	7	387	0	394	132		151 AIR REF GROUP (ANG)
VERMONT										
BURLINGTON IAP AGS	SO. BURLINGTON	205	2	4	390	0	394	241		156 FIGHTER GROUP (ANG)
VIRGINIA										
LANGLEY AFB	HAMPTON	202	1	8123	1636	327	10086	5382		AIR COMBAT CMD HQ / 1 FW
RICHMOND IAP AGS	SANDSTON	205	2	4	334	0	338	143		192 FIGHTER GROUP (ANG)
WASHINGTON										
FAIRCHILD AFB	AIRWAY HEIGHTS	101	1	4079	795	148	5022	6060		92 WING
FOUR LAKES AGS	CHENEY	205	2	1	41	0	42	156		ACFT CONTROL/WARNING (ANG)

DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 United States
 September 30, 1991

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acage	BRAC Round	Major Unit-Activity Function
MCCHORD AFB	TACOMA	204	1	4220	1219	205	5644	5745		52 AIRLIFT WING
SPOKANE IAP AGS	SPOKANE	205	2	2	41	0	43	79		242 COMM SQ (ANG)
WEST VIRGINIA										
SHEPHERD FIELD AGS (EWVRA)	MARTINSBURG	205	2	0	288	0	298	349		167 AIRLIFT GROUP (ANG)
YEAGER AIRPORT AGS	CHARLESTON	205	2	4	240	0	244	236		130 AIRLIFT GROUP (ANG)
WISCONSIN										
GEN MITCHELL IAP ARS	MILWAUKEE	205	2	10	648	48	706	214		440 AIRLIFT WING (AFF/ANG)
TRUAX FIELD AGS	MADISON	205	2	4	291	0	295	155		128 FIGHTER WING (ANG)
WYOMING										
CHEYENNE MAP AGS	CHEYENNE	205	2	5	256	0	261	67		153 AIRLIFT GROUP (ANG)
FRANCIS E. WARREN AFB	CHEYENNE	101	1	3573	561	161	4295	19916		90 MISSILE WING

DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 United States Territories and Possessions
 September 30, 1991

Installation Name	City	IDFIC	Cat Code	MIL	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
GUMM										
ANDERSEN AFB	AGANA, GUMM	202	1	2503	572	12	3087	20740		633 AIR BASE WING
PUERTO RICO										
PUERTO RICO IAP AGS	SAN JUAN	205	2	3	289	0	292	120		156 FIGHTER GROUP (ANG)

DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 Used by U.S. Forces in Foreign Areas
 September 30, 1991

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
AUSTRALIA										
WOOMERA AIR STATION	WOOMERA	101	2	201	1	72	274	33		ELECTRONICS SITE
GERMANY, FEDERAL REP OF										
BITBURG AIR BASE	BITBURG	202	1	4077	700	109	4886	1661		36 FIGHTER WING
HAHN AIR BASE	LAUTZENHAUSEN	202	1	1564	333	97	1994	1828		50 COMM SQ
LINDSEY AIR BASE	WIESBADEN	202	2	1623	323	10	1956	107		7100 COMBAT SUPPORT WING
RAMSTEIN AIR BASE	LANDSTUHL	202	1	7985	2722	389	11096	5235		USAFE HQ/66 FIGHTER WING
RHEIN MAIN AIR BASE	FRANKFURT	204	1	4527	854	135	5516	908		435 AIRLIFT WING
REIN AIR BASE	SENBACH	202	1	1791	483	59	2333	1143		66 ELECTRONIC COMBAT WING
SPANGDAHLEM AIR BASE	SPANGDAHLEM	202	1	3898	531	48	4477	1350		52 FIGHTER WING
TEMPELHOF CENTRAL AIRPORT AS	BERLIN	202	2	599	757	27	1383	923		7350 AIR BASE GROUP
GREENLAND										
THULE AIR BASE	THULE	101	2	137	3	1231	1371	274862		MIS WARN/SATELITE TRK
GREECE										
IRAKLION AIR BASE	GOJRNES	202	2	802	177	290	1269	233		7276 AIR BASE GROUP
ITALY										
AVIANO AIR BASE	PORDENONE	202	1	1840	442	48	2330	1150		40 TAC SUPPORT WING
SAN VITO AIR BASE	BRINDISI	303	2	1479	240	10	1729	321		7275 AIR BASE GROUP
JAPAN										
KADENA AIR BASE	KOZA CITY	202	1	8336	2449	364	11149	12561		18 WING
MISAWA AIR BASE	MISAWA	202	1	5472	912	131	6515	3879		432 FIGHTER WING
YOKOTA AIR BASE	TOKYO	204	1	4989	1812	268	7069	4013		475 AIR BASE WING
KOREA, REPUBLIC OF										
KUNSAN AIR BASE	KUNSAN	202	1	2793	390	87	3270	2577		8 FIGHTER WING
OSAN AIR BASE	SONGTAN	202	1	9189	782	272	10243	8514		51 FIGHTER WING
NETHERLANDS										
SOESTERBERG AIR BASE	SOESTERBERG	202	1	1446	152	53	1651	693		32 FIGHTER GROUP
PANAMA										
HOWARD AIR FORCE BASE	BALBOA	202	1	2190	628	100	2918	13553		AIR FORCES PANAMA

DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 Used by U.S. Forces in Foreign Areas
 September 30, 1991

Installation Name	City	IDFIC	Cat	Code	Mil	Civ	Other	Tot	Total Acceage	BRAC Round	Major Unit-Activity Function
PORTUGAL											
LAVES FIELD AIR BASE	LAVES	202	1		2876	948	87	3911	1171		1605 SUPPORT WING
SPAIN											
TORREJON AIR BASE	MADRID	202	1		1172	526	69	1767	3707		401 FIGHTER WING
TURKEY											
ANKARA AIR STATION	ANKARA	402	2		522	138	510	1170	155		SUPPORT STATION
INCIRLIK AIR BASE	ADANA	202	1		2636	302	1040	3978	3476		39 TACTICAL GROUP
IZMIR AIR STATION	IZMIR	402	2		466	72	472	1010	21		SUPPORT STATION
PININCLIK AIR STATION	DIYARBAKIR	103	2		115	5	469	589	176		ELECTRONICS STATION
UNITED KINGDOM											
HIGH WYCOMBE AIR STATION	HIGH WYCOMBE	202	2		221	29	46	296	109		SUPPORT ACTIVITIES
RAF ALCONBURY	ALCONBURY	202	1		2180	409	67	2656	1465		39 SPECIAL OPS WING
RAF BENTWATERS	BIKE	202	1		3148	443	61	3652	1089		81 FIGHTER WING
RAF CHICKSANDS	SHEFFORD	202	2		1267	139	23	1429	411		7274 AIR BASE GROUP
RAF CROUGHTON	CROUGHTON	303	2		310	31	21	362	694		2130 COMMUNICATIONS GP
RAF FAIRFORD	FAIRFORD	202	2		88	30	207	277	1785		STANBY BASE
RAF LAKENHEATH	LAKENHEATH	202	1		3281	590	153	4024	2376		48 FIGHTER WING
RAF MILDENHALL	MILDENHALL	204	1		3166	576	139	3881	1144		100 AIR REFUELING WG
RAF UPPER HEYFORD	UPPER HEYFORD	202	1		3903	501	146	4550	2126		20 FIGHTER WING
RAF WOODBRIDGE	WOODBRIDGE	202	2		165	0	0	165	994		78/91 FIGHTER SQS

TABLE IX

AIR FORCE - BASE OPERATING SUPPORT COSTS - FY1992
(\$ Million)

<u>Major Defense Program</u>	<u>Fifty States</u>	<u>US Territories & Possessions</u>	<u>Foreign/ Overseas</u>	<u>Total</u>
Strategic Forces	553.3	.1	13.1	566.5
General Purpose Forces	632.0	28.5	910.5	1,571.0
Intell/Communications	209.5	.2	57.4	267.1
Airlift/Sealift	362.3	.3	21.2	383.8
Guard & Reserve Forces	335.3	.2	-	335.5
Research & Development	157.6	-	-	157.6
Central Supply & Maintenance	694.3	-	-	694.3
Training, Medical, & Other General Purpose Activities	475.9	.1	3.4	479.4
Administration & Assoc. Activities	74.8	-	-	74.8
Support to Other Nations	-	-	-	-
SUBTOTAL	3,495.0	29.4	1,005.6	4,530.0
Construction	1,279.4	9.7	56.0	1,345.1
Family Housing O&M	574.7	33.4	321.2	929.3
TOTAL	5,349.1	72.5	1,382.8	6,804.4

CHAPTER FIVE

MARINE CORPS BASE STRUCTURE

I. INTRODUCTION

This Chapter presents the Marine Corps' approach to its basing structure and the relationship of that 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 on that law, the Marine Corps is organized into operating forces assigned to the Fleet Marine Force; reserve forces; security forces for naval installations, ships and embassies; and a supporting establishment of operating bases, air stations, training centers, logistics, and support bases and headquarters elements.

Major Marine Corps installations are defined as those activities where the majority of Marine Corps' training and sustainment operations occur, and deployments originate. Contiguous or collocated activities such as Marine Corps Base, Camp Lejeune and Marine Corps Air Station, New River have been combined as a single installation. Minor installations are defined as any remaining activity that holds plant account (Class 1 & 2 real property). There are 18 major and 7 minor Marine Corps installations worldwide. A summary of Marine Corps installations is at TABLE X. A list of installations follows.

II. BASE STRUCTURE OVERVIEW

Marine Corps tactical forces are assigned to installations which provide suitable local and regional training opportunities and position to forces for support and responsiveness to contingency requirements.

The major Marine Corps operating forces consist of Fleet Marine Force, Atlantic (FMFLANT) and Fleet Marine Force, Pacific (FMFPAC). These forces are assigned as type commands to U.S. Atlantic and Pacific Fleets, respectively. FMFLANT provides forces for one Marine Expeditionary Force (MEF), and FMFPAC provides forces for two MEFs. These MEFs

have multiple taskings of a global nature and during contingencies may or may not remain in their current theater of operations.

Specifically, FMFLANT will maintain one Marine Expeditionary Force (MEF) on the East Coast of the U.S. That MEF will provide up to three Marine Expeditionary Units (MEUs) at all times for afloat deployments in the Atlantic, Caribbean, and Mediterranean. The East Coast MEF will rotate battalions and fixed wing squadrons to the Western Pacific.

FMFPAC will maintain two MEFs in the Pacific region. One MEF will remain forward deployed in the Western Pacific with one Marine Expeditionary Brigade (MEB) from that MEF stationed in Hawaii. One MEF will remain on the West Coast of the U.S. The West Coast MEF and the 1st MEB in Hawaii route battalions and squadrons to the Western Pacific. The MEF's in the Western Pacific and on the West Coast will continue to provide for forward afloat deployments.

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

The three active MEFs in the FMF and the Reserve Division/Wing Team will be maintained at a maximum state of readiness and deployment posture to assure a capability for rapid and effective response anywhere in the world to support 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 and operational commitments;
- accommodating rapid expansion to wartime force levels in the event of mobilization; and,
- maintaining a training and logistics support posture that will provide sustained support for forces committed overseas under full mobilization conditions.

Rationale for the Location of Major Activities:

1. Ground combat elements located at Camp Lejeune, Camp Pendleton, Camp Butler and Marine Corps Air Station Kaneohe Bay have the following specific requirements:

- a. Adequate training areas for both helicopter and over-the-beach amphibious assault training.
 - b. Direct rail and highway access to ports of embarkation (with one way transit time not exceeding four hours), and across-the-beach out-load capability for all amphibious shipping.
 - c. Helicopter shore facilities located to afford direct embarkation of personnel, equipment and supplies aboard amphibious shipping at sea from shore based facilities.
 - d. Light fixed-wing aircraft facilities, helicopter landing sites, and fixed-wing Vertical/Short Take-Off and Landing (V/STOL) sites 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 deployment training of air-ground teams.
 - g. Ready access to established logistics support bases.
 - h. Sea, air, and beach areas with suitable adjacent maneuver areas inland for the accomplishment of integrated Navy/Marine amphibious training and exercises.
2. Aviation combat elements have the following requirements:
 - a. Fighter and Attack Squadrons (VMFA/VMA) located at Marine Corps Air Stations Beaufort, Cherry Point, El Toro, Iwakuni, Kaneohe Bay, and Yuma.
 - (1) A tactical jet air base within 200 miles of a major operational/tactical base.
 - (2) Capability to conduct aircraft carrier qualifications within 100 miles of a suitable air installation which can be used in emergency situations such as low fuel state or fouled deck diverts.

- (3) Field mirror landing practice at the field and other suitable outlying airfields within 100 miles of home base.
 - (4) High performance air combat maneuvering (ACM) 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 or 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 and air-to-surface ordnance, and 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.
 - (11) Adversary aircraft support facilities for ACM training.
- b. Marine Utility/Attack Helicopter/Marine Medium Helicopter/Marine Heavy Helicopter/Marine Observation Squadrons (HMLA/HMM/HMH/VMO) located at Marine Corps Air Stations Tustin, New River, Futenma, Kaneohe Bay and Camp Pendleton.

(1) A helicopter air station located within 40 miles of a Marine Division or

Kiik.

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

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

(4) Outlying landing sites within 50 miles of home base 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 (LPD/LHA/LPH) for the conduct of ship-based training and operations.

3. Requirements of the Combat Service Support Elements located at Camp Lejeune, Camp Pendleton, Camp Butler and Marine Corps Air Station Kaneohe Bay are as follows:

a. Access to road and rail for the shipment and receipt of supplies and equipment to support the MEFs.

b. Storage and maintenance facilities to provide the appropriate level of support to operating forces in garrison and in preparation for deployment.

c. Sea, air, and beach areas with sufficient training area to exercise command and control, landing support operations, heavy engineer operations, tactical motor transport, field medicine, as well as supply and maintenance in a field environment.

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

5. The Marine Corps base at Twentynine Palms, originally established as an artillery training base and aviation gunnery range, is now the Marine Corps Air Ground Combat Center (MCAGCC). Twentynine Palms' size and location essentially permit unrestricted firing of both artillery and air delivered ordnance. The Headquarters of the 7th Marine Expeditionary Brigade (MEB) and selected subordinate units are located at Twentynine Palms. Additionally, this base provides ample space for the maneuver of mobile-mechanized task forces. Ten Combined Arms Exercises (CAX) are scheduled each year and are conducted by battalion or larger size units. The Marine Corps Communications-Electronics School is also located at Twentynine Palms to take advantage of the absence of electromagnetic interference and conflicting electromagnetic transmissions.

6. The Marine Corps has two logistics support activities, one at Albany, Georgia, and the other at Barstow, California. The Marine Corps logistics 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 competition from other government agencies or the civilian sector for the required labor skills.

7. The Marine Corps maintains two recruit depots, one at Parris Island, South Carolina and the other at San Diego, California. Generally, recruits from the western half of the nation are trained at San Diego and those from the East are trained at Parris Island. Female recruits are trained only at Parris Island. The geographical locations of the present depots reduce the travel costs of arriving recruits and of graduating Marines. Marine Corps Combat Development Command (MCCDC), Quantico, Virginia is the location of Marine Officer Candidate training and home of the Marine Corps University.

III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

The Marine Corps base structure is reflective of the mission to support its current and projected force structure levels. It is continually under review for potential mission changes, economy measures, and other relevant developments.

STRATEGIC FORCES (100)

Not applicable.

GENERAL PURPOSE FORCES (200)

The two Fleet Marine Force (FMF) Headquarters - FMFLANT, at Camp Elmore, Norfolk, Virginia, and FMPAC at Camp Smith, Honolulu, Hawaii - are collocated with Headquarters, Commander in-Chief, Atlantic and Pacific, respectively, for command, control, and communications efficiency. The Marine Corps has three active Marine Expeditionary Forces (MEFs). Two MEFs and a portion of the third MEF are based in the United States.

I MEF is based on the West Coast with its command element; and its major ground combat element, the 1st Marine Division (MARDIV), located at Camp Pendleton, California. The 3d Marine Aircraft Wing (MAW), the aviation combat element of I MEF, has its fixed wing aviation elements located at Marine Corps Air Station (MCAS) El Toro, California, and MCAS Yuma, Arizona. The helicopter elements of the 3d MAW are located at MCAS Tustin and at Camp Pendleton, California. The 1st Force Service Support Group (FSSG), I MEF's combat service support element is located at Camp Pendleton, with detachments located at El Toro and MCAGCC, Twentynine Palms, California. The Headquarters of the 7th Marine Expeditionary Brigade (MEB), located at Twentynine Palms, California, is designated to marry up with equipment and supplies embarked aboard the Maritime Prepositioning Ships-2. The units that comprise the 7th MEB are located at Twentynine Palms, Pendleton, Tustin, and El Toro, California. Also located at MCAGCC, Twentynine Palms, are a reinforced infantry battalion, an artillery battalion, a tank and a LAV battalion. An expeditionary airfield has been established to support training at the MCAGCC. Additionally, I MEF is the follow-on force in the event of a conflict in the NATO or Western Pacific areas.

II MEF is based on the East Coast. The 2d MARDIV, the ground combat element of II MEF, is located at Camp Lejeune, North Carolina. Its combat service support element, the 2d FSSG is located at Camp Lejeune with detachments located at MCAS Cherry Point, North Carolina, and MCAS Beaufort, South Carolina. The 2d MAW, the MEF's aviation combat element, has its fixed wing aviation units located at MCAS Cherry Point and at MCAS Beaufort. The helicopter units are located at MCAS New River, North Carolina, adjacent to Camp Lejeune. The East Coast based MEF is the Marine Corps' primary force in the event of a war in the NATO area. The headquarters of the 6th Marine Expeditionary Brigade (MEB), located at Camp Lejeune, North Carolina, is designed to marry up with equipment and supplies embarked aboard Maritime Prepositioning Ships-1 (MPS-1). The units that comprise the 6th MEB are located in North Carolina at Camp Lejeune, MCAS Cherry Point, and MCAS New River; and in South Carolina at MCAS Beaufort.

III MEF, consisting of ground, aviation, and logistics components, is headquartered at Camp S. D. Butler, Okinawa, Japan. Camp Butler is the collective for all Marine Corps owned camps and facilities which comprise the Marine Corps base structure on Okinawa. The ground combat element of the 3d MARDIV (reinforced) is located at Camp Butler. The combat service support element, 3d FSSG, is located at Camp Butler with a detachment located at MCAS Iwakuni, Japan. The aviation combat element is principally located on Okinawa, Japan. Tactical rotary wing and aerial refueling components are based at MCAS Futenma, Japan, and the tactical fixed wing aviation component is based at MCAS Iwakuni, Japan. Presently, every infantry battalion and tactical aviation squadron and detachment in III MEF is deployed to the Western Pacific from either I MEF, II MEF or the 1st MEB under the Unit Deployment Program. The forward based III MEF is immediately available for contingency operations in the Western Pacific. The 1st Marine Expeditionary Brigade (MEB) may provide additional ground and aviation forces for III MEF.

The 1st MEB is stationed at MCAS Kaneohe Bay, Hawaii, and is designated to marry up with equipment on board Maritime Prepositioning Ships-3 (MPS-3). The ground combat element of the Brigade consists of the 3d Marine Regiment, Brigade Service Support Group, and associated support units. The aviation component of tactical fixed wing aviation and helicopters is also located at MCAS Kaneohe Bay. Dependents of the deployed personnel are homebased at MCAS Kaneohe Bay and require facilities for their support. The 1st Marine Expeditionary Brigade is immediately available for contingency operations throughout the Western Pacific.

AUXILIARY FORCES (300)

Not applicable.

MISSION SUPPORT FORCES (400)

The Marine Corps Air Ground Combat Center (MCAGCC) was formerly known as Marine Corps Base, Twentynine Palms, California, and is commonly referred to as the "Combat Center". The mission of the Combat Center is to administer and conduct a combined arms program in order to exercise and evaluate participating units in the command, control, and coordination of supporting arms. This mission includes providing the training and guidance for Exercise Forces/Marine Air-Ground Task Forces (MAGTFs) in fire support planning and coordination. To achieve the necessary degree of realism in combat training, live ordnance, innovative training aids, and tactics and techniques of the real world

opposition forces are used. Inherent in this mission is the requirement to examine existing doctrine critically and to provide training opportunities to identify innovative and more efficient means of accomplishing the Fleet Marine Force (FMF) mission.

The 1st Marine Corps District is located at Garden City, New York. Of the 6 Marine Corps recruiting districts, only Garden City holds a plant account for its Class 1 and 2 real property. The District is responsible for Marine Corps recruiting activities from the 13 northern counties of New Jersey north through New England. 1st District also hosts the Second Battalion, 25th Marine Regiment (Reserve), and the Defense Contract Audit Agency (DCAA).

Henderson Hall is located adjacent to Headquarters Marine Corps in Arlington, Virginia. Henderson Hall provides services and support to Headquarters Marine Corps, including but not limited to, enlisted members' billeting and messing, enlisted and staff non-commissioned 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.

The Marine Corps Mountain Warfare Training Center (MCMWTC) is located at Pickel Meadows in the Toiyabe National Forest, Mono County, California. The Center provides mission-oriented individual and unit training supportive of the Marine Corps contingency missions on the northern flank of NATO, Southwest Asia, and Northeast Asia. The climate and terrain of MCMWTC is unique, offering high altitude, rugged mountain terrain and severe winter conditions. It is the only such location the Marine Corps has ready access to in the continental United States. Mountain and cold weather skills can only be obtained by training in the environment. In addition to mountain and cold weather skills, the training emphasizes small unit leadership, teamwork, confidence, and physical toughness which are applicable to any operational commitment.

Camp Fuji, Japan, provides critical organic weapons training ranges which are becoming increasingly unavailable on Okinawa. The training area includes hand grenade, demolitions, LAAW, mortar, tank, and artillery ranges. It affords the capability for long range observed fire, tank maneuver, and full employment of the Marine tank/infantry team. It also provides a site for cold weather training. It is considered an essential training area to support the Fleet Marine Force, Pacific.

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 primary 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 a combat environment as possible. MCALF Bogue is the only installation on the East Coast that provides training for flight and ground crews and for Marine Corps engineer and Naval Construction Battalion personnel in installation, maintenance, use, and operation of EAF equipment.

CENTRAL SUPPORT FORCES (500)

The Marine Corps has logistics support bases in Albany, Georgia, and Barstow, California.

The Marine Corps maintains recruit depots at Parris Island, South Carolina, and San Diego, California.

The Marine Corps Support Activity at Kansas City, Missouri provides data processing support for the Marine Corps automated pay and personnel management systems, personnel administration and logistical support for Marine and other Department of Defense activities in the Kansas City area including the Defense Finance and Accounting Service (DFAS) Center.

The Marine Corps Combat Development Command (MCCDC) is located at Quantico, Virginia. MCCDC provides professional education for Marine Corps Officers and Staff Non-Commissioned Officers at the basic, intermediate and career level through the Marine Corps University. MCCDC also conducts officer acquisition training for all Marine Corps officer candidates and infantry and armor skill training for newly commissioned officers. Additionally, MCCDC provides communications initial skill and skill progression training for Marine Corps officers and computer sciences initial skill training for Marine Corps officer and enlisted personnel. In addition, MCCDC develops the doctrine, tactics, techniques, and equipment employed by landing forces in amphibious operations and exercises academic supervision of all Marine Corps formal schools. Both the Marine Corps Research, Development, and Acquisition Command (MCRDAC) and the Marine Security Guard (MSG)

Battalion are also located at MCCDC. The MSG Battalion is charged with the training of Marine Corps security personnel for duty with the Department of State.

Marine Corps Air Facility (MCAF), Quantico, Virginia, provides maintenance and support facilities for the HMX-1 helicopter squadron. 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 support distance of the Capitol.

INDIVIDUALS (600)

Not applicable.

IV. BASE OPERATIONS SUPPORT (BOS) COSTS

A summary of the estimated FY 1993 Base Operations Support Costs is at TABLE XI.

V. ACTIONS TO REDUCE BASE OPERATIONS SUPPORT (BOS) COSTS

The Marine Corps continues to pursue all means available to reduce base operations costs including:

1. Increased emphasis on operational and infrastructure support in maintenance of real property (MRP), by funding projects that will extend the life of facilities during this period of declining resources.
2. Implementation of audit findings in order to obtain recommended savings.
3. Complying with the energy conservation program in DoD and by continuing the Marine Corps Energy Investment Program. Both of these efforts result in cost avoidance and reduced base operating costs.
4. Construction of projects under the MCON Energy Conservation Program (ECIP).
5. Continuation of the Efficiency Review Program.

6. Continuation of the Commercial Activities Program.
7. Minimizing MILCON and Land Acquisition projects in accordance with DoD moratoriums.
8. Increased host nation funding of base operating support costs in Japan.

BASE CLOSURE

1. The 1991 Defense Base Closure and Realignment Commission recommended the closure of Marine Corps Air Station (MCAS), Tustin; that the housing and community support functions from Tustin be retained to support MCAS El Toro; and that Marine Air Groups (MAGs) 39 and 16 be composited and housed in new facilities to be built at Marine Corps Air Ground Combat Center (MCAGCC), Twentynine Palms, Camp Pendleton, or both with MAG 39 remaining at Camp Pendleton.
2. Further, the Commission recommended that the Secretary of Defense propose for consideration in the Fiscal Year (FY) 92 or 93 Defense Authorization Bill a fair market exchange of land and facilities for construction of military facilities at Twentynine Palms, Camp Pendleton or both. If unsuccessful in FY 92 or 93 the Secretary of Defense should proceed with the relocation utilizing the Defense Base Closure Account.
3. The realignment of a portion of Camp Foster, Marine Corps Base Camp S.D. Butler, announced by the Secretary of Defense on 18 September 1991, is proceeding under the auspices of the Commander, U.S. Forces Japan.

TABLE X - SUMMARY OF MARINE CORPS INSTALLATIONS - SEPTEMBER 30, 1991

Mission Category (IDPFC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
GENERAL PURPOSE (202)	12	0	3	15
GENERAL PURPOSE (402)	3	0	0	3
CENTRAL SUPPLY AND MAINTENANCE (507)	3	0	0	3
TRAINING, MEDICAL AND OTHER PERSONNEL (508)	4	0	0	4
TOTAL MARINES CORPS	22	0	3	25

DEPARTMENT OF DEFENSE
MARINE CORPS BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	IDFPC	Cat	Mil	Civ	Other	Tot	Total Acreage	BR&C Round	Major Unit-Activity Function
ARIZONA										
MCAS, YUMA	YUMA	202	1	5031	562	219	5612	2930		JET TNG&TRC AVIATION (3DAW)
CALIFORNIA										
MC AIR GD CBT CTR 29 PALMS	PALM SPRINGS	402	1	12420	561	90	13071	595589		COMBINED ARMS TNG, MCCES
MC BASE, CAMP PENDLETON	OCEANSIDE	202	1	42875	1527	80	44482	186139		FMF GRND UNITS/TRP TNG/OPER
MC LOGISTICS BASE	BAKSTON	507	1	622	2155	17	2794	5688		DEPOT MAINT/SUPELY & STORAGE
MC RECRUIT DEPOT, SAN DIEGO	SAN DIEGO	508	1	7428	258	25	7711	503		RECRUIT TRAINING
MCAS CAMP PENDLETON	OCEANSIDE	202	1	3344	20	0	3364	343		HELO TNG/OPERATIONS
MCAS, EL TORO	IRVINE	202	1	6447	856	211	7514	5220		HQ 3RD MAW/JET TNG/OPER SPT
MCAS, TUSTIN	TUSTIN	202	1	4721	39	0	4760	1709	91 C	MAG-16/HELO TRAINING/OPER
DIST OF COLUMBIA										
MARINE BARRACKS 8TH & I ST	WASHINGTON	502	2	1068	44	0	1112	5		CEREMONIES/SECURITY
GEORGIA										
MC LOGISTICS BASE ICP	ALBANY	507	2	1060	2731	51	3842	3327		DEPOT MAINT/SUPPLY & STORAGE
HAWAII										
CAMP H. M. SMITH	HONOLULU	202	1	1897	24	49	1970	420		HQ 2MF PAC/HQ CINCPAC/HQ IPAC
MCAS, KANEHOE BAY	KAILUA	202	1	9782	398	74	10254	39992		1ST MAG/JET & HELO TNG OPNS
MISSOURI										
MARINE CORPS SUPPORT ACTY	KANSAS CITY	507	2	623	450	0	1073	98		LOG/ADMIN INCLUDES DFPS
NEW YORK										
GARDEN CITY (1ST DISTRICT)	NEW YORK	508	2	236	963	0	1199	7		RECRUITING
NORTH CAROLINA										
MC BASE, CAMP LEJEUNE	JACKSONVILLE	202	1	32409	1769	164	34342	88432		FMF GRND UNITS/TRP TNG/OPN S
MCAS, CHERRY POINT	HAVELOCK	202	1	9939	1561	167	11567	26683		HQ 2ND MAW/JET TNG & OPNS/NA
MCAS, NEW RIVER	JACKSONVILLE	202	1	5212	315	0	5527	2773		MAG 26/HELO TNG/OPER SUPPORT
SOUTH CAROLINA										
MC RECRUIT DEPOT	PARRIS ISLAND	508	1	7443	281	53	7777	8082		RECRUIT TRAINING
MCAS, BEAUFORT	BEAUFORT	202	1	3202	473	16	3697	6676		MAG-31/JET TNG/OPN SUPPORT
VIRGINIA										

DEPARTMENT OF DEFENSE
 MARINE CORPS BASE STRUCTURE
 United States
 September 30, 1991

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
CAMP ELMORE	NORFOLK	202	2	951	5	0	956	22		HQ FMF LANT
HQMC, HENDEPSON HALL	WASHINGTON DC	402	2	1784	44	150	1978	21		HQ USMC
MC CBT DEV CTR	QUANTICO	508	2	6970	1381	157	10408	60647		OFF PROF TNG/SKILL TNG/MC IN

DEPARTMENT OF DEFENSE
MARINE CORPS BASE STRUCTURE
Used by U.S. Forces in Foreign Areas
September 30, 1991

Installation Name	City	IOFIC	Cat Code	M1	Civ	Other	Tot	Total Acreage	BFAC Round	Major Unit-Activity Function
JAPAN										
MARINE CORPS AIR STA, FUTENM	FUTENMA, OKINAWA	202	1	3763	51	0	3814	1188		HELICO TRAINING/OPER SUPPORT
MARINE CORPS AIR STA, IWAKUNI	IWAKUNI	202	1	3300	847	0	4147	5590		JET TRAINER/OPER SUPPORT
MARINE CORPS BASE, CAMP BUTL	FUTENMA, OKINAWA	202	1	23821	2292	0	26113	45120		TRAINING/OPER SUPPORT

TABLE XI

MARINE CORPS - BASE OPERATING SUPPORT COSTS - FY 1993
(\$ Million)

<u>Major Defense Program</u>	<u>Fifty States</u>	<u>US Territories & Possessions</u>	<u>Foreign/ Overseas</u>	<u>Total</u>
Strategic Forces	-	-	-	-
General Purpose Forces	368.3	-	170.4	538.7
Intell/Communications	-	-	-	-
Airlift/Sealift	-	-	-	-
Guard & Reserve Forces	9.0	-	-	9.0
Research & Development	-	-	-	-
Central Supply & Maintenance	60.0	-	-	60.0
Training, Medical, & Other General Purpose Activities	96.9	-	-	96.9
Administration & Assoc. Activities	8.1	-	-	8.1
Support to Other Nations	-	-	-	-
SUBTOTAL	<u>542.3</u>	<u>-</u>	<u>170.4</u>	<u>712.7</u>
Construction	168.4	-	-	168.4
Family Housing O&M	87.5	-	-	90.6
TOTAL	<u>798.2</u>	<u>-</u>	<u>173.5</u>	<u>971.7</u>

APPENDIX A-I
DEPARTMENT OF DEFENSE
SUMMARY OF CHANGES
NUMBER OF CATEGORY 1,2 AND 3 INSTALLATIONS

SERVICE	NUMBER IN 1991	NUMBER IN 1993	DIFFERENCE
ARMY	172	142	(30)
NAVY	173	160	(13)
AIR FORCE	260	242	(18)
MARINES	25	25	(1)
DOD	631	569	(62)

Note: The military base structure is dynamic. This report reflects 62 fewer major, minor, and support (other) installations than the previous report. Installations have been deleted because: (1) they were closed in the U.S. or U.S. presence was withdrawn overseas; (2) their category was downgraded (i.e. they no longer fit the definition of an installation); (3) their name was changed to reflect their real mission; (4) they were transferred to another service, and (5) they were merged with another installation to meet the Service definition of installation. Installations have been added: (1) because they were increased in size or importance to now fit the definition of an installation (i.e. their category was upgraded); (2) to correct an omission from the previous report, and (3) to reflect their new name or new Service. In addition, the Army has reorganized their structure for Army overseas bases. The following tables summarize the changes. Lists of installations added or deleted follow the summaries.

APPENDIX A-1a
 DEPARTMENT OF DEFENSE
 SUMMARY OF CHANGES (UNITED STATES)
 NUMBER OF CATEGORY 1, 2 AND 3 INSTALLATIONS

SERVICE	NUMBER IN 1991	NUMBER IN 1993	DIFFERENCE
ARMY	117	112	(5)
NAVY	140	132	(8)
AIR FORCE	206	204	(2)
MARINES	22	22	0
	-----	-----	-----
OOD	485	470	(15)

Reasons for the changes in the United States

- Army:
 - Additions - 1 transfer, 4 category upgrades, 4 omissions
 - Deletions - 2 mergers, 1 closure, 11 category downgrades
- Navy:
 - Additions - 2 omissions, 1 name change
 - Deletions - 2 name changes, 3 closures, 6 mergers
- Air Force:
 - Additions - 1 category upgrade
 - Deletions - 1 transfer, 2 category downgrades
- Marines:
 - Additions - 2 omissions
 - Deletions - 2 mergers

APPENDIX A-1b
 DEPARTMENT OF DEFENSE
 SUMMARY OF CHANGES (U.S. TERRITORIES)
 NUMBER OF CATEGORY 1, 2 AND 3 INSTALLATION

SERVICE	NUMBER IN 1991	NUMBER IN 1993	DIFFERENCE
ARMY	1	1	0
NAVY	7	5	(2)
AIR FORCE	2	2	0
MARINES	0	0	0
	-----	-----	-----
DOD	10	8	(2)

Reasons for the changes in the United States Territories and Possessions

- Army:
 - Additions - 1 omission
 - Deletions - 1 category downgrade
- Navy:
 - Additions - None
 - Deletions - 2 mergers
- Air Force:
 - Additions - None
 - Deletions - None
- Marines:
 - Additions - NA
 - Deletions - NA

APPENDIX A-1C
DEPARTMENT OF DEFENSE
SUMMARY OF CHANGES (FOREIGN)
NUMBER OF CATEGORY 1, 2 AND 3 INSTALLATIONS

SERVICE	NUMBER IN 1991	NUMBER IN 1993	DIFFERENCE
ARMY	54	29	(25)
NAVY	26	23	(3)
AIR FORCE	52	36	(16)
MARINES	4	3	(1)
DOD	136	91	(45)

Reasons for the changes outside the United States and Territories

Army:
Additions - 29 Army Support Groups stood up
Deletions - 54 Military Communities disbanded

Navy:
Additions - 1 omission
Deletions - 2 mergers, 2 withdrawals

Air Force:
Additions - None
Deletions - 3 category downgrades, 13 withdrawals

Marines:
Additions - None
Deletions - 1 merger

SUMMARY OF CHANGES BY INSTALLATION
Additions to 91 Report

State Code	Installation Name	OIC
INDIANA 18	CRANE ARMY AMMO ACT	18173
MARYLAND 24	HOLABIRD, FORT	24400
MICHIGAN 26	US ARMY GARRISON, SELFRIDGE	26832
MISSOURI 29	ST LOUIS ARMY AMMO PLT	29797
PENNSYLVANIA 42	CHARLES E. KELLY SPT FAC	42623
TEXAS 48	BULLIS, CAMP	48145
UTAH 49	STEVEN P. DOUGLAS, AFRC	49184
VIRGINIA 51	PENTAGON RESERVATION	XX032
51	STORY, FORT	51665
BELGIUM BE	80TH ASG	XX001
GERMANY, FEDERAL REP	100TH ASG	XX010
	103RD ASG	XX011
	104TH ASG	XX012
	26TH ASG	XX004
	29TH ASG	XX005
	53RD ASG	XX006
	543RD ASG	XX013
	54TH ASG	XX007
	6TH ASG	XX003
	98TH ASG	XX008
	99TH ASG	XX009
	ARMED FORCES REC CENTER	XX014
	BERLIN	XX015
	MUNICH	XX016
	SETAF	XX017
ITALY IT	22ND ASG	XX019
IT	8TH ASG	XX018

ARMY

SUMMARY OF CHANGES BY INSTALLATION
 Additions to 91 Report

State Code	Installation Name	UIC
JAPAN		
JA	10TH ASG	XX020
JA	17TH ASG	XX021
KOREA, REPUBLIC OF		
KS	20TH ASG/AREA IV	XX022
KS	23RD ASG/AREA III	XX023
KS	34TH ASG/AREA II	XX024
KS	501ST CSG/AREA I	XX025
NETHERLANDS		
NL	54TH ASG	XX027
PANAMA		
PN	U.S. ARMY GARRISON, PANAMA	XX028
PUERTO RICO		
PR	BUCHANAN, FORT	PR327
TURKEY		
TU	SETAF	XX030
TU	U.S. ARMY FIELD STATION	XX029
UNITED KINGDOM		
UK	47TH ASG	XX031
AIR FORCE		
NEW HAMPSHIRE		
33	NEW HOSTON AFS	RNGF
MARINE CORPS		
MISSOURI		
29	MARINE CORPS SUPPORT ACTY	67443
NEW YORK		
36	GARDEN CITY (1ST DISTRICT)	67011
NAVY		
NORTH CAROLINA		
37	CAMP LEJEUNE NAVAL HOSPITAL	BBBB
OHIO		
39	DEFENSE FIN + ACCT CTR	00034
SOUTH CAROLINA		
45	BEAUFORT NAVAL HOSPITAL	AAAA
ITALY		

SUMMARY OF CHANGES BY INSTALLATION
Additions to 91 Report

State Code	Installation Name	UIC
IT	NAVAL SUPPORT ACTIVITY	62589

SUMMARY OF CHANGES BY INSTALLATION
 Deletions from 91 Report

State Code	Installation Name	UIC
06	AFRC, LCS ALAMITOS	06368
06	ROBERTS, CAMP ANNEX	06741
08	ROCKY MOUNTAIN ARSENAL	08605
15	HELEMANC RADIO STATION	15115
15	KUNIA FIELD STATION	15880
15	POHAKULCA TRAINING AREA	15705
18	ATTERBURY RESERVEZ INC AREA	18055
25	SOUTH BOSTON SUPPORT ACTIVITY	25075
26	DETROIT ARSENAL TANK PLANT	26156
41	UMATILLA ARMY DEPOT ACTIVITY	41725
48	SAGENAN ARMY AIRCRAFT PLANT	48251
49	DOUGLAS, FORT	49184
51	ARLINGTON HALL STATION	51060
53	YAKIMA FIRING CENTER	53995
BE	CHIEVRES AIR BASE	BE010
GE	US Army Base, 7th Army Tng Cnd	GYTGO
GE	US Army Base, Ansbach	GYANO
GE	US Army Base, Aschaffenburg	GYABO
GE	US Army Base, Augsburg	GYAGO
GE	US Army Base, Bad Kreuznach	GYKHO
GE	US Army Base, Bad Toelz	GYTOO
GE	US Army Base, Bamberg	GYBAO
GE	US Army Base, Baumholder	GYBHO
GE	US Army Base, Berlin	GYBEO

GERMANY, FEDERAL REP

ARMY

SUMMARY OF CHANGES BY INSTALLATION
 Deletions from 91 Report

State Code	Installation Name	UIC
GE	US Army Base, Darmstadt	GYDNO
GE	US Army Base, Frankfurt	GYFKO
GE	US Army Base, Fulda	GYFDO
GE	US Army Base, Garmisch	GYGAO
GE	US Army Base, Giessen	GYGIO
GE	US Army Base, Goepplingen	GYGPO
GE	US Army Base, Hanau	GYHUO
GE	US Army Base, Heidelberg	GYHDO
GE	US Army Base, Heilbronn	GYHNO
GE	US Army Base, Kaiserslautern	GYKAO
GE	US Army Base, Karlsruhe	GYKZO
GE	US Army Base, Mainz	GYMAO
GE	US Army Base, Mannheim	GYMHO
GE	US Army Base, Munich	GYNUO
GE	US Army Base, Neu Ulm	GYHBO
GE	US Army Base, Norddeutschland	GYNBO
GE	US Army Base, Nuernberg	GYPSO
GE	US Army Base, Pirmasens	GYRBO
GE	US Army Base, Rheinberg	GYSMO
GE	US Army Base, Schweinfurt	GYSTO
GE	US Army Base, Stuttgart	GYWBO
GE	US Army Base, Wiesbaden	GYWFO
GE	US Army Base, Wildflecken	GYWOC
GE	US Army Base, Worms	GYWUO
GE	US Army Base, Wuerzburg	GYZMO
IT	CAMP DARBY	IT345
IT	CAMP EDERLE	IT405
JA	CAMP ZAMA	JR210
JA	NAHA PORT	JR680
JA	SAGAMI AREA	JR705
KS	CAMP CARROLL	KS116
KS	CAMP CASEY	KS124
KS	CAMP COLBERN	KS133
KS	CAMP GREAVES	KS972
KS	CAMP HOWZE	KS175
KS	CAMP HUMPHREYS	KS792
KS	CAMP MERCER	KS232
KS	CAMP RED CLOUD	KS256
KS	CAMP WALKER	KS300
KS	YONGSAN GARRISON	KS948
PH	DEFENSE COMPLEX, PANAMA	PZ995

SUMMARY OF CHANGES BY INSTALLATION
 Deletions from 91 Report

State Code	Installation Name	UIC
TQ	KWAJALEIN MISSILE RANGE	MF100
TU	DIOSGENIS STATION	TF125
UK	BURTONWOOD ARMY DEPOT	UK050
01	GUNTER AFB	J0BJ
15	WHEELER AFB	YVEW
32	INDIAN SPRINGS AFS	LKTC
BE	FLORENTIES AIR BASE	FLAJ
GE	HESSISCH OLDENDORF ASN	FNAS
GE	PRUM AIR STATION	TUCL
GE	WUESCHEIM AIR BASE	ZJTH
GE	ZWEIFBUECKEN AIR BASE	ZSYQ
GL	SONDRSTROM AIR BASE	YXRC
GR	HELLENIKON AIR BASE	DDDD
IT	COMISO AIR BASE	EFSA
FS	KWANG TU AIR BASE	NMEZ
XS	SUMON AIR BASE	KSHQ
KS	TAEJU AIR BASE	WPZQ
RP	CLARK AIR BASE	ECBE
SP	ZARAGOZA AIR BASE	ZRZF
UK	RAF GREENHAM COMMON	JNDL
UK	RAF MOLESWORTH	QNER
UK	RAF WETHERSFIELD	YUMJ

STATE OF CHANGES BY INSTALLATION
 Deletions from 91 Report

State Code	Installation Name	UIC
06	MC MOUNTAIN WARFARE TRG CTR	64495
37	MCALF, BOGUE	33AAA
JA	CAMP FUJI	674XX
02	NAVAL SECURITY GROUP ACT1	63886
06	NAVAL STATION HUNTERS POINT	17776
22	NAVAL STATION LAKE CHARLES	77777
22	NAVAL SUPPORT ACT, NEW ORLEANS	60205
36	NAVAL STATION STATEN ISLAND	77771
39	NAVY FINANCE CTR, CLEVELAND	00034
45	FBN SUBMARINE TRAINING CENTER	63322
45	FLEET AND MINE WARFARE TRG CTR	62603
48	NAVAL STATION GALVESTON	77778
51	FLEET ASN TRAINING CTR, LAHT	63401
53	NAVAL STATION EVERETT	77772
60	NAV COMM AREA MASTER STA, WFAC	70243
60	NAVAL MAGAZINE, GURM	60972
GR	NAV COMM STA, GREECE	70255
	ITALY	45004

MARINE CORPS

NAVY

SUMMARY OF CHANGES BY INSTALLATION
Deletions from 91 Report

State Code	Installation Name	UIC
PHILIPPINES		
PP	NAV COMM STA, PHILIPPINES	00927
PP	NAVAL MAGAZINE, MANTIC BAY	62807

APPENDIX A-II

List of Selected Foreign Sites

Army
Navy
Air Force

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991

Country ASG/BSB/Military Community Installation—Equivalent Site Name Function Authorized Endstrength
Mil US Civ Other Total Acres

NOTE: This list correlates Army Commands' administrative structures for managing its foreign bases with the "Installation—Equivalents" described in Chapter 2. For Europe, the list matches their new Area Support Groups (ASG) and Base Support Battalions (BSB) with the old Military Community structure. "NA" under "Acres" indicates sites of less than one acre or the data is not available. Population data is drawn from the July 1991 Army Stationing and Installation Plan.

Country	ASG/BSB/Military Community Installation—Equivalent	Site Name	Function	Mil	US Civ	Other	Total	Acres	
Belgium	80TH ASG (Mons)/BELGIUM MIL COM	CHIEVRES AREA	CHATEAU GENDEBIEN	HOUSING	196	287	+71	954	20
			CHIEVRES AFB/BASE	AIRFIELD	233	13	-48	294	1082
			DAUMERIE CASERNE	HQ/ADMIN					26
			EVERBERG AFN FAC	COMMO					4
			OLEN STORAGE FAC	ARSENAL					12
			SHAPE HQTRS	HQ/ADMIN	1511	240	144	1895	71
			GROBBENDONK SITE	ARSENAL	16	60	115	131	NA
			STERREBEEK DEP SCHOOL	SCHOOLS	103		341	504	20
			ZUTENDAAL SITE	ARSENAL	20		255	275	NA
			REMOTE SITES						

France
200TH TAMMC

Country	ASG/BSB/Military Community Installation—Equivalent	Site Name	Function	Mil	US Civ	Other	Total	Acres	
France	200TH TAMMC	REMOTE SITES	ANGRIE PUMP STA	OTHER				NA	
			AUGERS PUMP STA	OTHER				NA	
			AVON OPERATION & MNT COMPLEX	OTHER					NA
			CHALONS 'A' FARM + HPPS	OTHER					138
			CHALONS 'B' FARM	OTHER					94
			CHALONS 'C' FARM	OTHER					47
			CHALONS 'D' FARM	OTHER					122
			DONGES 'A' FARM + JETTY	OTHER					249
			DONGES 'B' FARM + HPPS	OTHER					8
			DONGES 'C' FARM	OTHER					7
			DONGES 'D' FARM	OTHER					34
			DONGES—METZ H P PIPELINE	OTHER					NA
			LA FERTE—ALAIS 'A' FARM	OTHER					81
			LA FERTE—ALAIS 'B' FARM + HPPS	OTHER					160
			LA FERTE—ALAIS 'C' FARM	OTHER					136
			LA FERTE—ALAIS 'D' FARM	OTHER					145
			LAIMONT PUMP STATION	OTHER					NA
			LOGRON PUMP STATION	OTHER					NA
			ST GERVAIS PUMP STA	OTHER					NA
			ST. BAUSSANT 'A' FARM	OTHER					233
ST. BAUSSANT 'B' FARM	OTHER					45			

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Country	ASG/BSB/Military Community Installation-Equivalent	Site Name	Function	Authorized Endstrength			Total	Acres	
				Mil	US Civ	Other			
Germany	6TH ASG (Stuttgart)/STUTT GART MIL COM	BOEBLINGEN/SINDELFINGEN	BOEBLINGEN FAM HSG BOEBLINGEN OFFICERS CLUB BOEBLINGEN RANGE BOEBLINGEN TNG AREA PAPENKASERNE, STUTT GART PAPENKASERNE	HOUSING RECREATION TRAINING TRAINING HQ/ADMIN HQ/ADMIN	1 9	23	24	26 2 19 2221 89 9	
		LUDWIGSBURG/KORNWESTHEIM	LUDWIGSBURG FAM HSG FLYING SAVERS, STUTT GART KRAL LUDWIGSBURG PATTONVILLE STUTT GART WILKIN BARRACKS	HOUSING HQ/ADMIN HQ/ADMIN HQ/ADMIN HOUSING HOUSING HQ/ADMIN	1 22 15 26 230	1 70 43 186 105	2 819 609 567 397	35 44 28 29 170 6 28	
		DEHRINGEN/DEGERLOCH	ARKELEY BARRACKS, STUTT GART MOEHRINGEN FAM HSG	HQ/ADMIN HOUSING	65	29	505	67 33	
		NELLINGEN/ESSLINGEN AREA	ECHTERDINGEN AIRFIELD NELLINGEN KASERNE	AIRFIELD HQ/ADMIN	1 431	1 226	914 1919	235 307	
		VAHINGEN AREA	KEFURT & CRAIG VILL FAM HSG PATCH BARRACKS STEBUREN & WEICHT VILL FAM HSG	HOUSING HQ/ADMIN HOUSING	338	100	1911	39 109 48	
		ZUFFENHAUSEN/BAD CANNSTADT	BAD CANNSTADT HOSPITAL GRENADIER KASERNE KORNWESTHEIM AIRFIELD & TNG AREA KORNWESTHEIM GOLF COURSE OSTERHOLZ STOR	HOSPITAL HQ/ADMIN AIRFIELD RECREATION ARSENAL HQ/ADMIN HQ/ADMIN HQ/ADMIN SCHOOLS HQ/ADMIN OTHER	79 153 1 13 638	195 1260 4 36 94 143	708 1480 6 37 111 1015	31 21 235 324 59 53 136 2	
		HEILBRONN AREA	KENNEDY VILL FAM HSG WHARTON BARRACKS	HOUSING HQ/ADMIN	2 163	30 326	34 572	58 58	
		REMOTE SITE	SIEGELSBACH AMMO FAC	ARSENAL	450		450	413	
		26TH ASG (Heidelberg)/HEILBRONN MIL COM							
		HEILBRONN AREA	KENNEDY VILL FAM HSG WHARTON BARRACKS	HOUSING HQ/ADMIN	2 483	30 326	34 572	58 58	
		REMOTE SITE	SIEGELSBACH AMMO FAC	ARSENAL	450		450	413	

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Country	ASG/BSB/Military Community Installation-Equivalent	Site Name	Function	Authorized Endstrength		Total	Acres
				Mil	US Civ		
	26TH ASG (Heidelberg)/284TH BSB (Heidelberg)/HEIDELBERG MIL COM						
	HEIDELBERG AREA	CAMPBELL BARRACKS	HQ/ADMIN	1753	822	2747	42
		EDINGEN RADIO RCVR FAC	COMMO	26		26	77
		HAMMOND'S BARRACKS	HQ/ADMIN	6	58	64	35
		HEIDELBERG AFN RELAY FAC	COMMO				19
		HEIDELBERG AIRFIELD	AIRFIELD	193	56	254	44
		HEIDELBERG COMMUNITY SPT CTR	OTHER	137	827	1389	28
		HEIDELBERG GOLF COURSE	RECREATION				126
		HEIDELBERG HOSPITAL	HOSPITAL	565	341	1138	23
		KILBOURNE KASERNE	HQ/ADMIN	144	103	413	13
		MARK TWAIN VILL FAM HSG	HOUSING	27	79	267	74
		OFFERSHEIM SMALL ARMS RANGE	TRAINING	36	363	422	35
		PATRICK HENRY VILL FAM HSG	HOUSING	617	41	878	2550
		PATTON BARRACKS	HQ/ADMIN	29	220	29	275
		RHEINAU KASERNE	HQ/ADMIN				34
		SCHWETZINGEN TNG AREA	TRAINING	12	10	72	2889
		SECKENHEIM AUTOBAHN KASERNE	HQ/ADMIN	835	289	1767	203
		TOMPKINS BARRACKS	TRAINING				89
	REMOTE SITE	KOENIGSTUHL RADIO RELAY STA	COMMO	32	5	49	5
	26TH ASG (Heidelberg)/291ST BSB (Karlsruhe)/KARLSRUHE MIL COM						
	GERMERSHEIM AREA	BERG STOR PT	ARSENAL	37	4	101	131
		CAMP THOMAS NAST	HQ/ADMIN	3	44	49	35
		GEINSHEIM ACTIVITY	OTHER		2		47
		GERMERSHEIM AMMO AREA	ARSENAL				246
		GERMERSHEIM ARMY DEPOT	DEPOT	434	70	1857	454
		GERMERSHEIM RTO FAC	HQ/ADMIN		1353		3
		KANDEL TNG AREA	TRAINING				63
		WOERTH BIVOUAC AREA	TRAINING				246
	KARLSRUHE AREA	BRUCHSAL ORD AREA	ARSENAL				581
		FRIOLZHEIM COMM FAC	COMMO				2
		GERSEWSKI BARRACKS	HQ/ADMIN	1737	75	2164	215
		KARLSRUHE AIRFIELD	AIRFIELD		352	29	199
		KARLSRUHE SHOPPING CENTER	OTHER	93	73	750	36
		MOERSCH RANGE	TRAINING				75
		NEUREUT KASERNE	HQ/ADMIN	1137	45	1520	163
		NEUREUT LABOR SVC KASERNE	HQ/ADMIN				31
		PAUL REVERE VILL FAM HSG	HOUSING	7	159	199	176
		PFORZHEIM FAM HSG	HOUSING		4	7	10
		RHEINLAND KASERNE	HQ/ADMIN	668	27	695	33
		SMILEY BARRACKS	HQ/ADMIN	517	107	991	41
		WALDSTADT AFN FAC	COMMO				10
	REMOTE SITE	FELDBERG COMM FAC	COMMO	9	5	18	1

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Country	ASG/BSB/Military Community Installation - Equivalent	Site Name	Function	Authorized Endstrength		Acres
				Mil	Other	
	26TH ASG (Heidelberg)/293RD BSB (Mannheim)/MANNHEIM MIL COM					
	MANNHEIM AREA	BEN FRANKLIN VIL FAM HSG	HQ/ADMIN	105	234	231
		COLEMAN BARRACKS, MANNHEIM	HQ/ADMIN	3106	365	580
		EDIGHEIM BEACON SITE	COMMO			1
		FRIEDRICHSFELD QM SVC CTR	OTHER			40
		FRIEDRICHSFELD STOR AREA	ARSENAL	14	178	16
		FUNARI BARRACKS	HQ/ADMIN	202	264	30
		LAMPERTHEIM AMMO AREA	ARSENAL			234
		LAMPERTHEIM BRIDGE TNG SITE	TRAINING			NA
		LAMPERTHEIM TNG AREA	TRAINING			5112
		RHEINAU COAL PT D-1	OTHER		112	38
		RHEINAU COAL PT D-4	OTHER			6
		SPINELLI BARRACKS	HQ/ADMIN	1021	585	200
		SULLIVAN BARRACKS	HQ/ADMIN	1699	218	108
		TAYLOR BARRACKS	HQ/ADMIN	701	653	114
		TURLEY BARRACKS	HQ/ADMIN	594	263	33
		VIERNHEIM - LORSCH AMMO STOR	ARSENAL			983
	26TH ASG (Heidelberg)/293RD BSB (Mannheim)/WORMS MIL COM					
	KRIEGSFELD AREA	HAIDE LABOR SVC CAMP	HOUSING	3	249	16
		WEIERHOF FAM HSG	HOUSING		94	25
	WORMS AREA	DE LA POLICE KASERNE	HQ/ADMIN	100	34	4
		GRUENSTADT AAFES FAC	OTHER	7	1083	20
		GRUENSTADT COMM STA	COMMO			64
		HARDENBURG COMM STA HL516	COMMO			5
		KERZENHEIM COMM FAC	COMMO			2
		LEISTADT COMM FAC HILL 460	COMMO			2
		TAUKKUNEN BARRACKS	HQ/ADMIN	958	382	31
		THOMAS JEFFERSON VIL FAM HSG	HOUSING	1	39	35
		WORMS ATHLETIC FIELD	RECREATION			11
		WORMS COMMUNITY PARK	OTHER			41
		WORMS QM AREA	OTHER	20	10	7
		WORMS R&U AREA	OTHER	1	108	7
		WORMS TNG AREA	TRAINING			8
	REMOTE SITES	DANNENFELS COMM STA	COMMO	44	7	4
		LOHNSFELD COMM STA	COMMO	48	66	344
		QUIRNHEIM MISSILE STA	AIR DEF SITE			31
		SCHOENBORN MISSILE STA	AIR DEF SITE	129		41

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Country	ASG/BSB/Military Community Installation - Equivalent	Site Name	Function	Authorized Endstrength			Acres
				Mil	US Civ	Other	
	29TH ASG (Kaiserslautern)/KAISERSLAUTERN MIL COM						
	KAISERSLAUTERN EAST AREA	COMMUNITY FAC KAISERSLAUTERN EAST	OTHER				53
		DAENNER KASERNE	HQ/ADMIN	605	11	50	20
		DAENNER POST CHAPEL	OTHER				2
		ESELFUERTH QM FAC	OTHER	181	16	80	35
		HILL 365 RADIO RELAY FAC	COMMO				19
		KAISERSLAUTERN ARMY DEPOT	DEPOT	60	320	2523	1279
		KAISERSLAUTERN EQUIP SPT CTR	OTHER	63	47	43	80
		KLEBER KASERNE	HQ/ADMIN	2080	100	486	77
		PANZER KASERNE, KAISERSLAUTERN	ARSENAL	466	295	443	NA
	KAISERSLAUTERN WEST AREA	BANN COMM STA	COMMO				8
		PULASKI BARRACKS	HQ/ADMIN	25	163	743	145
		RHINE ORDNANCE BARRACKS	HQ/ADMIN	1509	86	530	3689
		SAMBACH AFN FAC	COMMO	4		3	17
	LANDSTUHL AREA	BREITENWALD TNG AREA	TRAINING	7			246
		LANDSTUHL HELIPORT	AIRFIELD				2
		LANDSTUHL HOSPITAL	HOSPITAL	1035	410	479	225
	29TH ASG (Kaiserslautern)/ZWEIBRUECKEN MIL COM						
	MIESAU AREA	MIESAU AMMO DEPOT	ARSENAL	1090	48	1148	2269
	ZWEIBRUECKEN AREA	DIETRICHENGEN RECREATION AREA	RECREATION	724	24	208	4
		KREUZBERG KASERNE	HQ/ADMIN	442	1008	920	65
		OBERAUERBACH MISSILE STATION	AJR DEF SITE				32
		ZWEIBRUECKEN FAM HSG AREA	HOUSING				NA
		ZWEIBRUECKEN AIRFIELD	AIRFIELD				NA
	29TH ASG (Kaiserslautern)/294TH BSB (Pirmasens)/PIRMASENS MIL COM						
	PIRMASENS AREA	BOELLENBORN COMM FAC	COMMO				1
		DAHN AMMO AREA	ARSENAL	19		421	979
		HOEHMUEHLBACH RAILHEAD FAC	OTHER				12
		HUSTERHOEH KASERNE	HQ/ADMIN	1914	752	2270	724
		LEIMEN AMMO AREA 67	ARSENAL				43
		LEMBERG MISSILE STA & TNG AREA	TRAINING		6	2	930
		MERZALBEN UG WHSE	OTHER	92	1736	55	25
		MUENCHWEILER HOSPITAL	HOSPITAL	631	21	49	116
		MUENCHWEILER UG WHSE 7602	OTHER	8	77	238	18
		PIRMASENS QM FAC	OTHER				7
		RUPPERTSWEILER ADMIN AREA	HQ/ADMIN				62
		RUPPERTSWEILER WHSE 7608	OTHER				2
		SCHMALENBERG UG WHSE 7600	OTHER				19
		SCHOPP STOR FAC	ARSENAL				4
		SPIRKELBACH STOR FAC	ARSENAL				16
		WILGARTSWIESEN WHSE 7610	OTHER				3

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Country	ASG/BSS/Military Community Installation—Equivalent	Site Name	Function	Mill	Authorized US Civ	Endstrength Other	Total	Acres
	REMOTE SITE	FISCHBACH ORD DEPOT	ARSENAL	515	18	57	590	1670
	53RD ASG (Bad Kreuznach)/BAD KREUZNACH MIL COM							
	BAD KREUZNACH AREA	BAD KREUZNACH AIRFIELD	AIRFIELD	6	39	78	6	29
		BAD KREUZNACH FAM HSG	HOUSING			202	117	75
		BAD KREUZNACH HOSPITAL	HOSPITAL	420	38		660	20
		FUERFELD CLASS III & V PT	ARSENAL			597	927	109
		GEORGE C. MARSHALL KASERNE	HQ/ADMIN	72	258	3	337	52
		MINICK KASERNE	HQ/ADMIN	329	5	24	24	9
		MOERSFELD STOR PT	ARSENAL			103	14	128
		RHEINGRAFENSTEIN TNG & STOR AREA	TRAINING	1303	57			201
		ROSE BARRACKS	HQ/ADMIN					46
	DEXHEIM AREA	ANDERSON BARRACKS	HQ/ADMIN	1366	4	39	1409	124
		CAMP OPPENHEIM TNG AREA	TRAINING			2	10	161
		DEXHEIM FAM HSG	HOUSING		8			20
		DEXHEIM MISSILE FAC	AIR DEF SITE					41
	53RD ASG (Bad Kreuznach)/MAINZ MIL COM							
	MAINZ AREA	AZBILL BARRACKS	HQ/ADMIN	217	19	19	217	6
		DR M L KING VILLAGE	HOUSING	1		39	39	62
		DRAGONER KASERNE	HQ/ADMIN	64	285	580	929	6
		FINTHEN AIRFIELD	AIRFIELD	132			132	455
		FINTHEN FAM HSG	HOUSING					8
		FINTHERLANDSTR FAM HSG	HOUSING			36	410	272
		LEE BARRACKS	HQ/ADMIN	366	8	3762	3918	59
		MAINZ ARMY DEPOT	DEPOT	47	109			13
		MAINZ R&U AREA	OTHER			2	1164	77
		MCCULLY BARRACKS	HQ/ADMIN	1162				50
		MOMBACH MAINT PLANT	DEPOT			17	17	160
		OBEROLMERWALD CL III STORE	ARSENAL					13
		SANDFLORA FAM HSG	HOUSING					57
		UHLERBORN HOUSING AREA	HOUSING					22
		WACKERNHEIM MAINT FAC	OTHER					23
		WACKERNHEIM—SCHWABENWAELDCHEN TA	TRAINING					

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Country	ASG/BSB/Military Community Installation - Equivalent	Site Name	Function	Authorized Endstrength			Acres	
				Mil	US Civ	Other		Total
	53RD ASG (Bad Kreuznach)/22ND BSB (Baumholder)/BAUMHOLDER MIL COM	BAUMHOLDER AREA	AIRFIELD HOUSING HOSPITAL OTHER AIR DEF SITE OTHER HQ/ADMIN HOUSING HQ/ADMIN	24	23 5	27 32 3	50 61 3	47 94 13 53 80 55 1050 131 268
	NEUBRUECKE AREA	BIRKENFELD HSG FAC HOPPSTAEDTEN AIRFIELD HOPPSTAEDTEN SEWAGE TREAT PLT HOPPSTAEDTEN WATERWORKS NEUBRUECKE HOSPITAL	HOUSING AIRFIELD OTHER HOSPITAL	1183	60	78	1321	6 105 5 18 109
	STRASSBURG AREA	IDAR OBERSTEIN FAM HSG NAHBOLLENBACH STOR AREA STRASSBURG KASEFNE WINTERHAUCH STOR AREA	HOUSING ARSENAL HQ/ADMIN ARSENAL	23 239	4 27	614 110	641 376	31 90 40 182
	REMOTE SITE	BALESFELD MISSILE STA	AIR DEF SITE	591			591	80
	54TH ASG (Brunssum)/RHEINBERG MIL COM	GREFRATH AREA	COMMO ARSENAL COMMO ARSENAL ARSENAL HQ/ADMIN	8 21 111 98 15 6		259 231 366 168 23	8 280 393 465 187 31	NA 531 NA 239 747 3
	REMOTE SITES	DUELMEN COMM FAC KALKAR HSG AREA MUNSTER COMM FAC SIMPSON BARRACKS	COMMO HOUSING COMMO OTHER	46 119	15	15	46 149	NA NA 1 3
	98TH ASG (Wuerzburg)/ASCHAFFENBURG MIL COM	ASCHAFFENBURG AREA	HOUSING TRAINING COMMO HQ/ADMIN HQ/ADMIN HQ/ADMIN HQ/ADMIN SMITH BARRACKS. ASCHAFFENBURG	15 206 26 91 11 436	2 1 77	3 28 11 8 2 1	18 236 38 176 13 437	78 3226 8 37 47 16 28 15

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Country	ASG/BSB/Military Community Installation - Equivalent	Site Name	Function	Authorized Endstrength		Total	Acres
				Mil	US Civ		
	REMOTE SITE	VIELBRUNN AMMO AREA MOENCHBERG COMM FAC	ARSENAL COMMO	15		15	184 4
	98TH ASG (Wuerzburg)/WUERZBURG MIL COM						
	GIEBELSTADT AREA	GIEBELSTADT ARMY AIRFIELD GIEBELSTADT DYA CAMP GIEBELSTADT TAC DEF SITE	AIRFIELD RECREATION AIR DEF SITE	1511	31	1895	NA 32 25
	KITZINGEN AREA	HARVEY BARRACKS KITZINGEN FAM HSG KITZINGEN TNG AREAS LARSON BARRACKS SCHWANBERG AMMO AREA	HQ/ADMIN HOUSING TRAINING HQ/ADMIN COMMO	386	33	844	630 80 2769 656 NA
	WERTHEIM AREA	PEDEN BARRACKS	HQ/ADMIN	619	135	1094	520
	WUERZBURG AREA	EMERY BARRACKS FAULENBERG KASERNE HINDENBURG BARRACKS LEIGHTON BARRACKS STEINBACHTAL AMMO AREA WUERZBURG HOSPITAL WUERZBURG SUPPLY PT WUERZBURG TNG AREAS	HQ/ADMIN HQ/ADMIN HQ/ADMIN HQ/ADMIN ARSENAL HOSPITAL OTHER TRAINING	956 142 769 1170 312	22 145 20 341 197	1016 1316 885 2254 604	53 63 17 339 131 14 1584
	REMOTE SITE	HAMMELBURG FWD STOR SITE	ARSENAL				NA
	98TH ASG (Wuerzburg)/280TH BSB (Schweinfurt)/SCHWEINFURT MIL COM						
	SCHWEINFURT AREA	ASKREN MANOR FAM HSG CONN BARRACKS LEDWARD BARRACKS MASSBACH QRS SITE ROTTERSHAUSEN AMMO STOR AREA SCHWEINFURT TNG AREAS SULZHEIM TNG AREA	HOUSING HQ/ADMIN HQ/ADMIN ARSENAL ARSENAL TRAINING TRAINING	1 3698 2628	1 2 219	30 3707 3313	71 410 127 NA 186 12010 145
	99TH ASG (Nuernberg)/NUERNBERG MIL COM						
	ERLANGEN AREA	ERLANGEN FAM HSG FERRIS BARRACKS TENNELLOHE TNG AREA	HOUSING HQ/ADMIN TRAINING	2800	139	3047	21 317 7996
	HERZOGENAURACH AREA	HERZO BASE HERZOGENAURACH FAM HSG	HQ/ADMIN HOUSING	448	35	529	318 8

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Country	ASG/BSB/Military Community Installation--Equivalent	Site Name	Function	Authorized Endstrength			Acres
				Mil	US Civ	Other	
	MERRELL BARRACKS AREA	FEUCHT POL STOR FAC MEHRELL BARRACKS NUERNBERG ATHLETIC FIELD PASTORIUSSTR FAM HSG REINWARZHOFEN RAD REL FAC	ARSENAL HQ/ADMIN RECREATION HOUSING COMMO	65 26	93 51	209 26	41 46 30 24 2
	NUERNBERG AREA	DAMBACH FAM HSG DARBY KASERNE FUERTH SHOPPING CTR JOHNSON BARRACKS KALB FAM HSG MONTEITH BARRACKS NUERNBERG COAL YARD NUERNBERG HOSPITAL NUERNBERG TRANSIENT BILLETS	HOUSING HQ/ADMIN OTHER HQ/ADMIN HOUSING OTHER HOSPITAL HOUSING	1769 2 486 1122 489	1186 38 73 66 341	296 1210 30 18 46	26 101 14 131 111 311 8 29 2
	SCHWABACH AREA	SCHWABACH FAM HSG SCHWABACH RANGE SCHWABACH TNG AREA	HOUSING TRAINING TRAINING				9 16 225
	ZIRNDORF AREA	BERBACH RANGE PINDER BARRACKS	TRAINING HQ/ADMIN	226	35	15	26 61
	99TH ASG (Nuernberg)/235TH BSB (Ansbach)/ANSBACH MIL COM						
	ANSBACH AREA	BARTON BKS BLEIDORN FAM HSG BLEIDORN KASERNE FEUCHTLACH TNG AREA HINDENBURG KASERNE KATTERBACH KASERNE URL'S TNG AREA	HQ/ADMIN HOUSING HQ/ADMIN TRAINING HQ/ADMIN HQ/ADMIN TRAINING	205 51 382 1342 591	6 5 275 12 3	45 25 424 137 3	35 30 16 305 30 409 382
	CRAILSHEIM AREA	CRAILSHEIM FAM HSG CRAILSHEIM TNG AREA MCKEE BARRACKS	HOUSING TRAINING HQ/ADMIN	172	16	183	29 1297 130
	ILLESHEIM/OBERDACSTETTEN	GERHARDSHOFEN FWD STORAGE SITE OBERDACHSTETTEN FAM HSG OBERDACHSTETTEN TNG AREA STORCK BARRACKS	ARSENAL HOUSING TRAINING HQ/ADMIN	1408	110	156	27 10 799 447
	99TH ASG (Nuernberg)/235TH BSB (Ansbach)/GOEPPINGEN MIL COM						
	REMOTE SITE	HOHENSTADT RADREL STA	COMMO	19	2	21	6

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Country	ASG/BSB/Military Community Installation - Equivalent	Site Name	Function	Authorized Endstrength			Acres
				Mil	US Civ	Other	
	99TH ASG (Nuernberg)/235TH BSB	(Ansbach)/HEILBRONN MIL COM					
		SCHWAEBISCH HALL AREA	HQ/ADMIN COMMO HOUSING TRAINING				399 136 5 18
		REMOTE SITE	ARSENAL				78
	99TH ASG (Nuernberg)/236TH BSB	(Augsburg)/AUGSBURG MIL COM					
		AUGSBURG AREA	OTHER COMMO HOUSING HOUSING HQ/ADMIN HOUSING HQ/ADMIN TRAINING TRAINING HQ/ADMIN HQ/ADMIN HOUSING	6 3 194 64	3 3 64	6 3 1158	37 1 63 55 76 40 359 2613 29 106 189 19
		REMOTE SITE		316 2372	7 254	414 3590	
	99TH ASG (Nuernberg)/236TH BSB	(Augsburg)/MUNICH MIL COM					
		AUGSBURG AREA	TRAINING				2
		BAD AIBLING AREA	HQ/ADMIN	322	1	327	318
		BERCHTESGADEN AREA	HQ/ADMIN RECREATION RECREATION RECREATION OTHER HQ/ADMIN HQ/ADMIN				NA 1 4 316 NA NA NA
		REMOTE SITE		13 2 1	8 121 19	23 462 74	22 83 3
		REMOTE SITE	COMMO	208	1	210	1

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Country ASG/BSB/Military Community Installation—Equivalent	Site Name	Function	Authorized Endstrength		Total	Acres
			Mill	US Civ		
99TH ASG (Nuernberg)/279TH BSB (Bamberg)/BAMBERG MIL COM	BAMBERG AREA BAMBERG AIRFIELD BAMBERG STOR & RANGE AREA FLYNN FAM HSG & TNG AREAS ROTHENSAND FWD STOR SITE WARNER BARRACKS WARNER BKS FAM HSG	AIRFIELD				236
		ARSENAL	260		260	432
		HOUSING				2613
		ARSENAL	2099	285	3202	24
		HO/ADMIN				227
		HOUSING				13
100TH ASG (Grafenwoehr)/77TH ARMY TNG CTR	AMBERG AREA AMBERG AIRFIELD AMBERG FAM HSG FRECHETSFELD RADIO SITE FREIHOELSER TNG AREA FUCHSTEIN STORAGE AREA POND BARRACKS	AIRFIELD				41
		HOUSING				9
		COMMO	11		11	3
		TRAINING				340
		ARSENAL				NA
		HO/ADMIN	35	64	302	43
		TRAINING				NA
		HO/ADMIN	20	1	25	7
BAYREUTH/BINDLACH AREA	HIRSCHAU TNG AREA ROEHRENSEE KASERNE	HO/ADMIN		4		
		TRAINING				
		HO/ADMIN				
GRAFENWOEHR AREA	EAST CAMP GRAFENWOEHR GRAFENWOEHR TNG AREA	HO/ADMIN	1262	452	3914	2699
		TRAINING				51685
100TH ASG (Grafenwoehr)/281ST BSB (Vilsack)/77TH ARMY TNG CTR	SOUTH CAMP VILSECK	ARSENAL	3819	494	5260	2193
100TH ASG (Grafenwoehr)/282ND BSB (Hohenfels)/77th ARMY TNG CTR	HOHENFELS AREA HOHENFELS TNG AREA	TRAINING	5920	313	7217	39170
		HO/ADMIN	221	2	225	3
		HOUSING				7
100TH ASG (Grafenwoehr)/283RD BSB (Wildflecken)/WILDFLECKEN MIL COM	WILDFLECKEN AREA CAMP WILDFLECKEN REUSSENDORF AMMO STOR AREA WILDFLECKEN FAM HSG WILDFLECKEN QM SUP PT WILDFLECKEN TAC DEF SITE WILDFLECKEN TNG RANGE	HO/ADMIN	2220	386	3432	786
		ARSENAL				216
		HOUSING				48
		OTHER				50
		AIR DEF SITE				34
		TRAINING	4		4	16889

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Country	ASG/BSB/Military Community Installation—Equivalent	Site Name	Function	Authorized Endstrength		Total	Acres
				Mil	US Civ		
103RD ASG (Frankfurt)/FRANKFURT MIL COM							
	BAD VILBEL AREA	BAD VILBEL FAM HSG BAD VILBEL TNG AREA CAMP KING BRAKE BARRACKS EDWARDS FAM HSG ROSE AIRFIELD WEISSKIRCHEN AFN TRANS FAC	HOUSING TRAINING HQ/ADMIN HQ/ADMIN HOUSING AIRFIELD COMMO	174 605 35	36 3 8	262 616 35	29 30 39 35 68 50 18
	BORNHEIM AREA	ATTERBERRY FAM HSG BETTS HSG FRANKFURT CONSOLIDATED MTR PL FRANKFURT HOSPITAL FRANKFURT MORTUARY GIBBS BARRACKS GIBBS FAM HSG OFFENBACH BARRACKS OFFENBACH SPT FAC	HOUSING HOUSING OTHER HOSPITAL OTHER HQ/ADMIN HOUSING HQ/ADMIN OTHER	10 791 25 1123	9 487 7 458	225 1385 36 2666	31 21 6 24 1 24 17 1 15
	FRANKFURT AREA	AM FISCHSTEIN FAM HSG FRANKFURT AFN STA FRANKFURT AUTOBAHN SVC FAC FRANKFURT COMMUNITY AREA FRANKFURT GRUENHOF AREA FRANKFURT HQS AREA FRANKFURT SHOPPING CTR GRUENEUBURG PARK ADMIN FAC HANSA ALLEE FAM HSG HAUSEN EQUIP MAINT CTR HEDDERNHEIM STOR FAC HUEGELSTR FAM HSG KENNEDY KASERNE PLATENSTR FAM HSG SIEGELBOO AREA VON STEUBEN FAM HSG	HOUSING COMMO OTHER RECREATION HQ/ADMIN HQ/ADMIN OTHER HQ/ADMIN HOUSING OTHER ARSENAL HOUSING HQ/ADMIN HOUSING HOUSING	48 19 642 7 275 67 309	25 8 410 1724 459 188 68 96	81 19 410 2844 496 739 162 579	4 2 11 4 14 85 19 1 11 10 3 17 1 63 4 16
	HOECHST AREA	AG PUB. & TNG AIDS CTR ESCHBORN STORAGE AREA HOESCHT FAM HSG ROEDELHEIM ORDNANCE FAC SCHWANHEIM CALIBRATION LAB	HQ/ADMIN ARSENAL HOUSING ARSENAL OTHER	11 109 27	47 17 3	253 430 30	10 38 10 28 14

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Country	ASG/BSB/Military Community Installation: Equivalent	Site Name	Function	Authorized Endstrength:			Total	Acres
				Mil	US Civ	Other		
	103RD ASG (Frankfurt)/221ST BSB (Wiesbaden)/WIESBADEN MIL COM							
	WIESBADEN AREA	AMELIA EARHART HOTEL	HOUSING				5	
		AMERICAN ARMS HOTEL	HOUSING				5	
		AUKAMM HSG AREA	HOUSING	45		45	93	
		CAMP PIERI	HQ/ADMIN	7	42	1041	38	
		CRESTVIEW HSG AREA	HOUSING				32	
		HAINERBERG HSG & SHOP CTR	HOUSING	308	133	444	167	
		KASTEL HSG AREA	HOUSING		15	15	28	
		KASTEL STOR FAC	ARSENAL	168	279	536	58	
		RHEINBLICK REC ANNEX	RECREATION				172	
		SCHIERSTEIN HSG AREA	HOUSING	45		45	1	
		WEISBADEN AB	AIRFIELD	2726		4638	638	
		WEISBADEN SMALL ARMS RANGE	TRAINING		1212		26	
		WEISBADEN SVC ANNEX	OTHER				3	
	103RD ASG (Frankfurt)/233RD BSB (Darmstadt)/DARMSTADT MIL COM							
	BABENHAUSEN AREA	BABENHAUSEN FAM HSG	HOUSING	1			NA	
		BABENHAUSEN KASERNE	HQ/ADMIN	1997	4	2001	365	
	DARMSTADT AREA	BENSHEIM MAINT & SUPPLY FAC	OTHER				7	
		CAMBRAI FRITZSCH KASERNE	HQ/ADMIN	1399	593	2492	64	
		DARMSTADT CAREER CTR	HQ/ADMIN				220	
		EGELSBACH TRNSMTR FAC	COMMO	283		284	122	
		ERNST LUDWIG KASERNE	HQ/ADMIN	170	819	989	54	
		GRIESHEIM AIRFIELD	AIRFIELD				246	
		GRIESHEIM MISILE FAC	AIR DEF SITE				NA	
		JEFFERSON VILLAGE FAM HSG	HOUSING	860	7	889	26	
		KELLEY BARRACKS, DARMSTADT	HQ/ADMIN		22		121	
		LEEHEIM BRIDGE TNG AREA	TRAINING				362	
		LINCOLN VILLAGE FAM HSG	HOUSING	118		118	67	
		MESSEL SMALL ARMS RANGE	TRAINING				44	
		NATHAN HALE QM AREA	HQ/ADMIN	4	8	8	39	
		OBER-RAMSTADT MAINT PLT	OTHER		9	15	21	
		ST BARBARA VILLAGE FAM HSG	HOUSING				13	
		WALLDORF AMMO AREA	ARSENAL				258	
	REMOTE SITES	MELIBOKUS RADIO RELAY STA	COMMO	18			5	
		MUENSTER AMMO DEPOT	ARSENAL	743	1	744	706	
	104TH ASG (Hanau)/HANAU MIL COM							
	RIEDINGEN AREA	ARMSTRONG BARRACKS	HQ/ADMIN	912	24	987	59	

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				Mil	US Civ	Other				
GELNHAUSEN AREA		ALSBERG FWD STOR SITE	ARSENAL				NA			
		BERNBACH TNG & STOR AREAS (3)	TRAINING				317			
		COLEMAN VILLAGE FAM HSG	HOUSING	2	85	10	97	28	NA	
		GREBENTHAIN FWD STOR SITE	ARSENAL					NA		
		ROTH TNG AREA	TRAINING	249			249	126		
		HANAU AREA		ARGONNER KASERNE	HQ/ADMIN		75	59	134	51
				BENZ FACILITY	HQ/ADMIN		1	8	9	NA
				CAMPO POND TNG AREA	TRAINING					257
				CARDWELL VILLAGE FAM HSG	HOUSING			48	48	10
				FLIEGERHORST AIRFIELD KASERNE	AIRFIELD	2102	72	62	2236	625
				FORAGE DEPOT	OTHER		10	48	58	9
				FRANCOIS KASERNE	HQ/ADMIN	130	15	36	181	21
				GROSSAUHEIM KASERNE	HQ/ADMIN	915	19	328	1262	215
				HESSEN-HOMBURG KASERNE	HQ/ADMIN			9	9	18
				HUTIER KASERNE	HQ/ADMIN	1386	174	51	1611	33
				LAMBOY TNG AREA	TRAINING					224
				NEW ARGONNER FAM HSG	HOUSING		106		106	83
				PIONEER KASERNE, HANAU	HQ/ADMIN	2915	180	321	3416	95
				PIONEER VILLAGE FAM HSG	HOUSING		66		66	61
		WOLFGANG KASERNE	HQ/ADMIN	1	226	79	306	99		
YORKHOF KASERNE	COMMO		371	780	1151	4				
104TH ASG (Hanau)/220TH BSB (Fulda)/FULDA MIL COM			OTHER				3			
		BAD HERSFELD CLASS III DUMP	OTHER	36		138	176	11		
		BAD HERSFELD ENGINEER AREA	TRAINING					272		
		BAD HERSFELD TNG AREA	TRAINING					4145		
		FRIEDWALD TNG AREA	HQ/ADMIN	1164	1	91	1256	49		
		MCPHEETERS BARRACKS	HOUSING					21		
		MCPHEETERS VILLAGE FAM HSG	HOUSING					27		
		OTTTRAU FWD STOR SITE	OTHER					27		
		BAD KISSINGEN AMMO FAC	ARSENAL					6		
		BAD KISSINGEN TNG AREAS	TRAINING					515		
BAD KISSINGEN AREA		DALY VILLAGE FAM HSG	HOUSING	20		20	17			
		REITERSWIESEN AIRFIELD	AIRFIELD				20			
		REITERSWIESEN AMMO STOR	ARSENAL					3		
		REITERSWIESEN ORS SITE	ARSENAL					98		
		REITERSWIESEN TNG AREA	TRAINING					738		
		BIMBACH CL V STOR AREA	ARSENAL					21		
		DOWNS BARRACKS	HQ/ADMIN	2190	107	538	2835	147		
FULDA AREA		DOWNS FAM HSG	HOUSING				26			
		FULDA ENGINEER AREA	HQ/ADMIN				9			
		GERLOS AMMO STORAGE SITE	ARSENAL		29		29	21		
		GIESEL FWD STOR SITE	ARSENAL					27		
		LEHNERZ RANGE	TRAINING					16		
		SICKELS AIRFIELD	AIRFIELD	765	8	28	801	182		
								130		

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Country ASG/BSB/Military Community Installation - Equivalent	Site Name	Function	Authorized Endstrength			Total	Acres
			Mil	US Civ	Other		
	REMOTE SITE	HOUSING					7
	ULRICHSTEIN BILLETING AREA						
104TH ASG (Hanau)/234TH BSB (Giessen)/GIESSEN MIL COM							
FRIEDBERG AREA	ALVIN YORK VIL FAM HSG	HOUSING	2	40	23	65	23
	FRIEDBERG TNG & STOR SITE	TRAINING	6		2	8	9509
	MARTHUR PLACE FAM HSG	HOUSING					10
	RAY BARRACKS	HQ/ADMIN	1502	327	163	1992	188
GIESSEN AREA							
	DAUTPHE BOY SCOUT CAMP	RECREATION					182
	FLENSUNGEN FWD STOR SITE	ARSENAL			28	28	42
	GEORGE C MARSHALL VIL FAM HSG	HOUSING					42
	GIESSEN AMMO AREA	ARSENAL					17
	GIESSEN CL I PT	OTHER	11	12	4	27	7
	GIESSEN CL II & IV DEPOT	TRAINING					12
	GIESSEN COMM FAC	COMMO	45			45	NA
	GIESSEN COMMUNITY FAC	COMMO					18
	GIESSEN GENERAL DEPOT	RECREATION					541
	GIESSEN TNG AREAS	DEPOT	3633	306	838	4777	727
	HOMMERTSHAUSEN GIRL SCOUT CAMP	TRAINING					84
	JOHN F DULLES VIL FAM HSG	RECREATION		33	1	34	22
	MARBURG GEN STOR FAC	HOUSING					9
	PENDLETON BARRACKS	ARSENAL	607	363	98	1068	38
	RIVERS BARRACKS	HQ/ADMIN	594	15	10	619	45
	ROTHWESTERN TECH OP'S FAC	HQ/ADMIN	17	4	22	43	11
	SCHWARZENBORN RADIO RELAY SITE	COMMO					1
KIRCH - GOENS AREA							
	AYERS KASERNE	HQ/ADMIN	3119	293	281	3693	927
	SUTZBACH TNG AREA & RANGE	TRAINING					160
	GEORGE GERSHWIN FAM HSG	HOUSING					4
	KRANSBERG FACILITIES	OTHER					4
	ROMAN WAY VIL FAM HSG	HOUSING	10	71	13	94	63
	SCHLOSS KASERNE	HQ/ADMIN	275		31	306	33
REMOTE SITES							
	BUEREN COMM FAC	COMMO	134	4	2	140	NA
	CAMP PAUL BLOOMQUIST	SECURITY	23			23	4
	HERBORNSEELBACH COMM FAC	COMMO	213	1	1	215	NA
	KOETERBERG RADIO RELAY SITE	COMMO					2
	LINDERHOFE COMM STA	COMMO		1	1	2	15
	MT MEISSNER EADIO RELAY STA	COMMO	12			12	11

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				Mil	US Civ	Other	
				Total			
	543RD ASG (Bremerhaven)/NORRDEUTSCHLAND MIL COM						
	BREMERHAVEN AREA	BLINK FAM HSG	HOUSING				
		BREMERHAVEN DUCK AREA	PORTS	48	23	71	40
		BREMERHAVEN HOSPITAL	HOSPITAL	65	63	133	28
		BREMERHAVEN RTO	HQ/ADMIN	100	66	433	9
		CARL SCHURZ KASERNE	HQ/ADMIN				3
		ENGEMOOR FAM HSG	HOUSING	357	1268	3099	372
							15
	GARLSTEDT AREA	LUCIUS D CLAY KASERNE	HQ/ADMIN	132	832	2886	348
		OSTERHOLZ - SCHARMBECK CENTRUM	HQ/ADMIN	4	141	164	38
	REMOTE SITES	DOERVERDEN COMM FAC	COMMO				1
		DUENSEN COMM FAC	COMMO	6	2	8	1
		FLENSBURG COMM FAC	COMMO	186	56	286	5
		KELLINGHUSEN COMM FAC	COMMO	47	2	64	2
		LANGENDAMM COMM FAC	COMMO	62			2
		SOEGEL COMM FAC	HQ/ADMIN	246	29	287	13
		WOBECK ELECTRONIC TEST FAC	SECURITY	7	2	9	29
	ARMED FORCES REC CENTER (Garmisch)/MUNICH MIL COM						
	BERNAU AREA	CHIEMSEE REC AREA	RECREATION				42
	GARMISCH AREA	BREITENAU SKEET RAIGE	RECREATION				49
		GARMISCH GOLF COURSE	RECREATION				73
		GARMISCH SUPPLY AREA	RECREATION				NA
		GEN ABRAMS HOTEL & DISP	RECREATION	16		16	11
		GEN PATTON HOTEL	RECREATION				1
		GEN VON STEUBEN HOTEL	RECREATION				1
		HAUSBERG SKI AREA	RECREATION				1
		SHERIDAN BARRACKS	HQ/ADMIN	77	243	445	36
				125			26

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Country
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Installation—Equivalent

BERLIN/BERLIN BRIGADE

BERLIN AREA

Site Name	Function	Mi	Authorized US Civ	Endstrength Other	Total	Acres
AAFES WHSE & 4 SEASON STORE	OTHER					5
AFN STATION & APO	COMMO					2
AM DREIFFUHL FAM HSG	HOUSING					16
ANDREWS BARRACKS	HQ/ADMIN	6		2	8	109
BERLIN AAFES GARAGES	OTHER					1
BERLIN AMERICAN HS	SCHOOLS					12
BERLIN BDE FAM HSG	HOUSING					83
BERLIN BDE SPORTS CTR	RECREATION					NA
BERLIN BOQ	HOUSING	237			237	13
BERLIN DEH COMPOUND	HQ/ADMIN					NA
BERLIN DOCUMENTS CTR	HQ/ADMIN					3
BERLIN GOLF & COUNTRY CLUB	RECREATION					97
BERLIN HOSPITAL	HOSPITAL					12
BERLIN RTO	HQ/ADMIN					NA
BERLIN SIGNAL STA	COMMO					NA
BERLIN SUP & SVC DIV COMPOUND	HQ/ADMIN					8
BERLIN S&S DIV PERI SUBS WHSE	OTHER					4
DACHSBERG AMMO AREA	ARSENAL					31
DAHLEM HOUSE	HQ/ADMIN					1
DUEPPEL FAM HSG	HOUSING					53
GEN LUCIUS D CLAY HDQTRS	HQ/ADMIN	3028	3258	23	6309	19
HARNACK HOUSE	HQ/ADMIN					4
INFANTRY MOTOR POOL	OTHER					21
JAGEN 87 SIG FAC	COMMO					52
JAGEN 92 AMMO AREA	ARSENAL					817
JAGEN TRNG AREA	TRAINING					NA
KEERANS RANGE	TRAINING					56
MCNAIR BARRACKS, BERLIN	HQ/ADMIN					70
NCO CLUB CHECKPOINT	RECREATION					2
OUTPOST THEATER	RECREATION					4
PACELIALLEE THNSMTR STA	COMMO					19
PARKS RANGE	TRAINING					177
PUECKLER FAM HSG	HOUSING					20
RESIDENTIAL TRANSIENT BILLETS	HOUSING					46
ROSE TNG AREA	TRAINING					256
SUNDGAUERSTR FAM HSG	HOUSING					13
T A ROBERTS SCHOOL	SCHOOLS					8
TEGEL AIRPORT	AIRFIELD					NA
TEUFELSBERG COMM FAC	COMMO					15
TRUMAN PLAZA	HQ/ADMIN					14
TURNER BARRACKS	HQ/ADMIN					7
WANNSEE REC CTR	RECREATION					8

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				Mil	US Civ	Other				
	MUNICH/MUNICH MIL COM	MUNICH AREA CHIEMGAUSTR BIL & ADMIN AREA GRUENTHAL FAM HSG HARLACHING ADMIN FAC MCGRAW KASERNE MUNICH AFN FAC PERLACHER FOREST FAM HSG	HQ/ADMIN				15			
			HOUSING				4			
			HQ/ADMIN				1			
			HQ/ADMIN	817	1516	713	3046	116		
			COMMO					NA		
			HOUSING	11	5	20	36	242		
			Greece	REMOTE SITES	ARGYROUPOULIS SITE PERIVOLAKI SITE	ARSENAL	29	15	107	151
						ARSENAL	51		31	82
										5
			Italy	8TH ASG (Livorno)/219TH BSB (Livorno)/LIVORNO MIL COM	PISA/LIVORNO AREA CAMP DARBY COLTANO TROPOSCATTER SITE LIVORNO SUP & MAINT AREA LIVORNO TNG AREA PISA AMMO STOR AREA TIRRENIA RECREATION SITE	HQ/ADMIN	717	173	224	1114
COMMO	199					5	204			
DEPOT	150	20				359	529			
TRAINING								50		
ARSENAL						74	74	2093		
RECREATION								4		
22ND ASG (Vicenza)/VICENZA MIL COM	VICENZA AREA	CAMP EDERLE SAN GOTTARDO SIGNAL SITE VICENZA BASIC LOAD STOR AREA VICENZA FAM HSG				HQ/ADMIN	2624	637	906	4167
						COMMO				147
						ARSENAL				NA
						HOUSING				34
						82				

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				Mil	US Civ	Other					
Japan	10TH ASG (Torii Station)	REMOTE SITES									
			CODOGNE COMM SITE	COMMO	104			NA			
			LONGARE COMM SITE	COMMO	89			NA			
			ODERZO COMM SITE	COMMO	62			NA			
		PORTOGUARO SITE	ARSENAL		8	2	NA				
		VERONA RIVERSIDE SCHOOL	SCHOOLS				6				
Japan	10TH ASG (Torii Station)	OKINAWA AREA									
			ARMY POL DEPOTS	DEPOT	49	16	99	164	300		
			CHIBANA SITE	COMMO					0		
			DEFUTY DIV ENGR OFFICE	HQ/ADMIN					11		
			NAHA PORT	PORT	142	110	503	755	166		
			TORII STATION	HQ/ADMIN	403	0	8	411	467		
			WHITE BEACH AREA	PORT					86		
		Japan	17TH ASG (Camp Zama)	HIROSHIMA/KURE AREA							
					AKIZUKI AMMO DEPOT	DEPOT	19	11	191	221	138
					HAIGAMINE COMM SITE	COMMO					0
	HIRO AMMO DEPOT			DEPOT					88		
	KAWAKAMI AMMO DEPOT			DEPOT					644		
	KURE PIER NO. 6			PORT					4		
	AKASAKA PRESS CTR			HQ/ADMIN					8		
	CAMP ZAMA			HQ/ADMIN	803	765	2018	3586	594		
	KANAGAWA MILK PLANT			OTHER					3		
	SAGAMI GENERAL DEPOT			DEPOT	69	19	211	299	529		
	SAGAMIHARA DEP HOUSING AREA	HOUSING	1	48	1	50	150				
	YOKOHAMA NORTH DOCK	PORT	21	12	97	130	124				
Korea	20TH ASG/AREA IV (Camp Henry)	PUSAN AREA									
			BROOKLYN	COMMO	4				4		
			CAMP HIALEAH	HQ/ADMIN	642	118	1518	2278	34		
			CHANG SAN	COMMO	8		6	14	23		
			PUSAN STORAGE	DEPOT	13	13	363	389	23		
			CAMP HENRY	HQ/ADMIN	713	213	1508	2434	60		
			CAMP WALKER	HQ/ADMIN	663	64	554	1281	189		
			DART BOARD	COMMO	5			5	11		
			SONG SO	COMMO	27		27	54	14		
			TAEGU STORAGE AREA	DEPOT					2		

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			Mil	Other	
	WAEGWAN AREA	DEPOT	1237	48	736
	REMOTE SITE	TRAINING AIRFIELD	77	19	48
	CHEJUDO TRAINING CENTER K-9 AIRFIELD	OTHER		16	5
	KUNSAN POL TERMINAL MASAN AMMUNITION DEPOT	ARSENAL PORT	4		1
	PIER #8 SALEM TKP	COMMO OTHER	8	8	1059 10 11 1326
23RD ASG/AREA III (Camp Humphreys)					
	CAMP HUMPHREYS PYONGTAEK CPX AREA	HQ/ADMIN TRAINING	4388	84	1243 106
	CAMP AMES	ARSENAL	114	187	55
	BAYONNE SIGNAL SITE HIGH POINT MADISON RICHMOND TACOMA	COMMO COMMO COMMO COMMO COMMO	5 7 9 4	5 6	20 11 22 14 8
34TH ASG/AREA II (Yongsan)					
	SEOUL AREA	RECREATION HQ/ADMIN DEPOT HQ/ADMIN OTHER AIRFIELD OTHER COMMO HOUSING RECREATION HQ/ADMIN HQ/ADMIN	12 3 844 40 474 18 10 1	11 6 121 31 21 4 3	23 9 1096 512 725 39 14 45 230 241 712
	8TH ARMY RETREAT CENTER CAMP GRAY ANNEX CAMP ISBELL CAMP MERCER DISTRICT ENGINEER COMPOUND K-16 AIRFIELD KIMPO MORSE NIBLO BARRACKS SUNGNAM GOLF TANGO YONGSAN GARRISON	RECREATION HQ/ADMIN DEPOT HQ/ADMIN OTHER AIRFIELD OTHER COMMO HOUSING RECREATION HQ/ADMIN HQ/ADMIN	6021	1051	6745
	CAMP COLBERN CAMP MARKET CAMP SEATTLE CAMP YONGIN KCRCYCSAN ASA	HQ/ADMIN DEPOT DEPOT HQ/ADMIN COMMO	426 91 60 4	4 54 2 16	529 1285 13 85 20

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Country	ASG/BSB/Military Community Installation - Equivalent	Site Name	Function	Authorized Endstrength		Acres
				Mil	Other	
	501ST CSG/AREA I (Camp Red Cloud)					
	CAMP PAGE AREA	CAMP PAGE HWAAKSAN EVENREACH ATC	HQ/ADMIN OTHER	624 3	6 412	592 2 1042 3
	DMZ AREA	CAMP BONIFAS CAMP GREAVES CAMP LIBERTY BELL DMZ SOUTH HALF FREEDOM BRIDGE JOINT SECURITY AREA HQ SWISS-SWEDE CAMP	HQ/ADMIN HQ/ADMIN HQ/ADMIN HQ/ADMIN HQ/ADMIN HQ/ADMIN HQ/ADMIN	248 551 185	110 107 9	36 58 17 NA 14 NA NA
	MUNSAN AREA	CAMP GARRY OWEN CAMP GIANT CAMP PELHAM CHARLIE BLOCK	OTHER HQ/ADMIN HQ/ADMIN COMMO	497 117 892	78 53 121	36 42 77 7
	TONGDUCHON AREA	CAMP CASEY CAMP CASTLE CAMP HOVEY CAMP NIMBLE GIMBOLS H-220 HELIPORT KAMAKSAN ASA	HQ/ADMIN HQ/ADMIN HQ/ADMIN HQ/ADMIN TRAINING AIRFIELD OTHER	6366 302 1963 174	77 1972	3496 52 3928 14 7535 52 48
	ULJONGBU AREA	CAMP ESSAYONS CAMP FALLING WATER CAMP INDIAN CAMP JACKSON CAMP KYLE CAMP RED CLOUD CAMP SEARS CONCORD LA GUARDIA	HQ/ADMIN HQ/ADMIN HQ/ADMIN TRAINING HQ/ADMIN HQ/ADMIN OTHER OTHER HQ/ADMIN	424 5 162 278 594 1222 183	10 109 94 41 339 61 119 785 10 49	77 60 10 203 339 953 36 207 193 3 334

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991

Country
ASG/BSB/Military Community
Installation - Equivalent

Country	ASG/BSB/Military Community Installation - Equivalent	Site Name	Function	Mil	Authorized US Civ	Other	Total	Acres		
Luxembourg	29TH ASG (Kaiserslautern)/KAISERSLAUTERN MIL COM	REMOTE SITES								
		BETTEMBOURG SITE	OTHER					NA		
		SANEM SITE	OTHER					NA		
		Netherlands	54TH ASG (Brunssum)/THE NETHERLANDS	REMOTE SITES						
				BRUNSSUM POMMS	ARSENAL	189	5	6	200	NA
				EYGELSHOVEN RESERVE STOR AREA	ARSENAL	1	3	8	12	NA
				HENDRIK MINE	HQ/ADMIN	555	59	12	626	NA
				SCHINNEN EMMA MINE	HQ/ADMIN	102	86	316	504	24
				TAPIJN KASERNE	HQ/ADMIN	79	5		84	NA
				COEVORDEN POMMS & UBL	ARSENAL	33	11	29	73	NA
				HOEK VAN HOLLAND COMM FAC	COMMO	9			9	NA
				ROTTERDAM ADMIN FAC	HQ/ADMIN	113	55	118	286	2
				STEENWIJKERWOLD COMM FAC	COMMO	76			76	NA
				TER APEL POMMS (VLAGTWEDDE)	ARSENAL	14		2	16	NA
				T HARDE COMM FAC & LRSP	COMMO	44			44	NA
		VRIEZENVEEN POMMS (ALMELO)	ARSENAL	15		2	17	NA		

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991

Country	ASG/BSB/Military Community Installation-Equivalent	Site Name	Function	Mil	Authorized Endstrength		Total	Acres
					US Civ	Other		
Panama	U.S. ARMY GARRISON, PANAMA (Ft Clayton)	FT DAVIS AREA	MEDICAL	8	86	2	96	160
		COCO SOLO HEALTH CLINIC	OTHER					NA
		CRISTOBAL HIGH SCHOOL	HQ/ADMIN	26	54	93	173	344
		FORT ESPINAR (GULLICK)	HQ/ADMIN	1851	429	159	2439	4325
		FORT WM D DAVIS	OTHER					14
		MARGARITI SCHOOL BUILDING						
		FORT SHERMAN	HQ/ADMIN	172	6	40	218	23079
		PACIFIC - EAST BANK AREA	COMMO	154	643	126	923	NA
		ANCON HILL COMMUNICATIONS	OTHER					NA
		BALBOA ELEM SCHOOL	OTHER					NA
		BALBOA HIGH SCHOOL	OTHER					NA
		BUILDING 1501 (MTMC)	OTHER	4	93	97	184	NA
		CHIVA CHIVA	COMMO					2180
		CHIVA CHIVA - FBIS SITE	COMMO					5
		COROZAL COMMISSARY AREA	HOUSING					10
		CORUNDU	HOUSING					168
		CURUNDU HEIGHTS	INDUSTRIAL					14
		CURUNDU JR. HIGH SCHOOL	OTHER					NA
		DIABLO HEIGHTS ELEM SCHOOL	OTHER					NA
		EAST COROZAL	HQ/ADMIN	866	288	664	1818	55
FORT AMADOR	HOUSING	95	24	127	246	149		
FORT CLAYTON	HQ/ADMIN	2950	2106	1194	6250	1374		
GORGAS HOSPITAL	MEDICAL					35		
HERRICK HEIGHTS	HOUSING					NA		
LOS RIOS ELEM SCHOOL	OTHER					NA		
MORGAN AVENUE	HOUSING					NA		
PANAMA CANAL COLLEGE	OTHER					NA		
QUARRY HEIGHTS	HQ/ADMIN	368	49	42	459	61		
WEST COROZAL	HOUSING					300		
PACIFIC - WEST BANK	TRAINING					2100		
ASP #1	COMMO					0		
CERRO GORDO COMMUNICATIONS	HQ/ADMIN	2101	27	57	2195	2489		
FORT KOBBE	HOUSING					90		
COCOLI	TRAINING					26491		
EMPIRE FLANGE								
Turkey	INSCOM	US ARMY FIELD STA SINOP	COMMO	25	1		26	382
REMOTE SITE								
SETAF	REMOTE SITES	CAKMAKLI HQ COMPLEX	HQ/ADMIN	182	24	307	513	35
		CORLU REMOTE SITE	ARSENAL	54			54	14
		ERZURUM REMOTE SITE	ARSENAL	48			48	11
		TRAYT REMOTE SITE	ARSENAL	18			18	14

DEPARTMENT OF DEFENSE
 ARMY BASE STRUCTURE
 Used by U.S. Army in Foreign Countries
 September 30, 1991

Country	ASG/BSB/Military Community Installation - Equivalent	Site Name	Function	Authorized Endstrength			Total	Acres
				Mil	US Civ	Other		
United Kingdom	47TH ASG (Burtonwood)/THE UNITED KINGDOM							
	BURTONWOOD AREA	RAF BURTONWOOD	AIRFIELD	32	24	456	512	137
	REMOTE SITES	RAF CAERWENT RAF HYTHER	ARSENAL PORTS	4 3	8 2	149 180	161 185	1563 35

DEPARTMENT OF DEFENSE
 NAVY BASE STRUCTURE
 Europe
 SEPTEMBER 30, 1991

Authorized Manpower
 Full-time Permanently
 Assigned

Country Base/City Class Mil Civ Acres Major Unit/Function

Italy

NAS Sigonella (1) 3526 587 680 Air Station

- NAS 1, Sigonella
- NATO Ordnance Facility, Sigonella
- NATO Airfield, Sigonella
- NATO Magazine Area, Sigonella
- Pachino, Sigonella
- NAS III, Sigonella
- Gli Ulivi Housing, Catania
- Gestonzo Housing, Catania
- Miscem Transmitter Site

Comm Area Master Station, Naples - 154 75 56 Communications

- Main Site, Agnano, Naples
- Capodichino, Naples
- Bagnoli AF South, Naples
- Camaldi Relay Site, Naples
- Lago Patria, Naples
- Ischia M/W Relay, Naples
- Gaeta

Fleet Support Office La Maddalena - 1619 42 38 Fleet Support

- Main Site, La Maddalena
- Santo Stefano Site, La Maddalena
- Palau Sassari, La Maddalena

Naval Support Activity, Naples (1) 4079 962 177 Fleet Support/Hospital

- Main Site, Agnano, Naples
- Capocirino, Naples
- AFSOUTH HQ Bagnoli, Naples
- Coppola Pinetumare, Naples

DEPARTMENT OF DEFENSE
 NAVY BASE STRUCTURE
 Europe
 SEPTEMBER 30, 1991

Authorized Manpower
 Full-time Permanently
 Assigned

Country Base/City Class Mil Civ Acree Major Unit/Function

Italy (cont)

Gaeta
 Rome Airport, Rome
 Misida Island
 Carney Park, Naples
 Naples Port Area, Naples
 Housing, various locations, Naples

Portugal

Iberian Atlantic
 Area, Lisbon

. 21 . .26 Family Housing

Spain

Communications
 Station, Rota
 Main Site
 Moron

. 288 88 159 Communications

Construction Oinc,
 Madrid

. 4 . . Construction Support

Naval Hospital,
 Rota
 Main Site

. 268 31 8 Medical

Naval Station,
 Rota
 Main Site

(1) 3179 180 5994 Fleet Support

* Cartagena Fuels Area, Cartagena

* Announced for return, transfer date still under negotiation

DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
Europe
SEPTEMBER 30, 1991

Authorized Manpower
Full-time Permanently
Assigned

<u>Country</u>	<u>Base/City</u>	<u>Class</u>	<u>Mil</u>	<u>Civ</u>	<u>Acres</u>	<u>Major Unit/Function</u>
United Kingdom						
	Naval Activities, London	(3)	733	305	38	Logistics Support
	Main Site					
	American Embassy, London					
	Arymston Square, London					
	Connaught Place, London					
	Bunstable, London					
	Eastcote, London					
	RAF Hendon, London					
	MC Barracks, 90 Ailtsen Rd, London					
	Providence Court, London					
	Romany House, Surrey					
	Territorial House, London					
	West Ruislip, London					
	Wimpole Street, London					
	Duke Street					
	Moer Park					
	Naval Communications Station, Thurso	(3)	189	63	250	Communications
	Main Site					
	* Harland Road Housing, Castletown					
	* Burnside Housing, Thurso					
	* Munkle Receiver Site					
	* Cairmore Hillloch Antenna Site					
	* Ormlie Housing					
	* Latheron Antenna Site					
	* Kinnaber					
	* Inverberie Antenna Site					
	* Aberdeen Antenna Site					
	* Monon Hill Antenna Site					
	* Scrabster Housing					

* Announced for return, estimated completion Dec 92

DEPARTMENT OF DEFENSE
 NAVY BASE STRUCTURE
 Europe
 SEPTEMBER 30, 1991

Authorized Manpower
 Full-time Permanently
 Assigned

<u>Country</u>	<u>Base/City</u>	<u>Class</u>	<u>Mil</u>	<u>Civ</u>	<u>Acreage</u>	<u>Major Unit/Function</u>
<u>United Kingdom (cont)</u>						
	Naval Facility Brendy, Wales	-	351	63	7.4	Oceanographic Research
	Main Site Naval Security					
	Group Activity, Edzell	-	605	202	457	Security
	Main Site Trinity Fields Brechin					
	RAF Inverbervie Sewage Treatment Farm					
*	Naval Support Activity, Holy Loch	(1)	93	72	457	Logistics Support
	Main Site Greenock/Gourock, Greenock Hufton Estates Queen Street Rankin Site Montgomery's Garage Sand Bank					
	Naval Weapons Fac., St Mawgan	-	205	5	-	Munitions Support
	Main Site Macrihanish (Detachment located in Scotland)					

* Entire Activity announced for return - June '92

DEPARTMENT OF DEFENSE
 NAVY BASE STRUCTURE
 Europe
 SEPTEMBER 30, 1991

Authorized Manpower
 Full-time Permanently
 Assigned

Country Base/City Class Mil Civ Acreege Major Unit/Function

Iceland

Naval Air Station,
 Keflavik (1) 1767 921 23339 Air Station
 Main Site
 Helguvik
 H-1/Rockville
 Bargarfjardarsystu
 H-3/Hornafindi
 Sangerdi
 Grindavik
 Hvalfjordur

Naval Air Station,
 Keflavik (cont)

NAVFAC
 H-2/Thorshofn
 H-4/Isafjordur

Greece

Naval Support
 Activity,
 Souda Bay, Crete (2) 177 24 101 FleetSupport
 Main Site
 MOMAG Compound, Souda Bay
 NATO Ordnance Area

DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 Europe
 September 30, 1991
 Authorized Manpower
 Full-Time Permanently
 Assigned

Country Base Complex Site	(Code)	Mil	Civ	Total	Acres	Major Unit Activity Function
GERMANY						
Bitburg AB	(1)	4077	700	4777	1239	36 Fighter Wing
Ahlbach Water Sys Anx					1	
Bon Ahin Radio Relay Site					-	
Bitburg Fam Hsg Anx					149	
Bitburg Fam Hsg Anx #2					15	
I.fenheim Comm Anx					57	
Moetsch Ammo Stg Anx					18	
Moetsch Water Sys Anx					6	
Oberweis Anx					105	
Pruem Air Station					47	
Pruem Fam Hsg Anx					20	
Pruem Water Sys Anx					6	
Rittersdorf Anx					30	
Roehl Anx					1	
Suelm Anx					10	
TOTAL					1704	
Hahn AB						
Buchenbeuren Waste Anx	(1)	1564	333	1897	1251	50 Comm. Sqn.
Hahn Family Hsg Anx					2	
Hahn Water Sys Anx #1					135	
Hahn Water Sys Anx #2					1	
Hahn Water Sys Anx #3					1	
Hahn Water Sys Anx #4					1	
Hahn Water Sys Anx #5					2	
Hahn Water Sys Anx #6					5	
Hundheim Anx					20	
Kastellaun Fam Hsg					7	
Morbach Ammo Stg Site					6	
Muehl Zuesch RRL					362	
Sohren Fam Hsg Anx					3	
Wuescheim Air Base					35	
Wuescheim Ammo Stg Anx					32	
Wuescheim Comm Anx					62	
Wuescheim Comm Anx #2					6	
TOTAL					3	
					1934	

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE

Europe

September 30, 1991

Authorized Manpower

Full-Time Permanently

Assigned

Country Base Complex Site	(Code)	Mil	Civ	Total	Acres	Major Unit Activity Function
GERMANY (Cont.)						
Lindsey AB	(2)	1623	323	1946	82	7100 Cmbt. Support Wing
Schierstein Adm Anx					4	
Wiesbaden HSP					19	
TOTAL					105	
Ramstein AB	(1)	7985	2722	10707	3100	Hq USAFE/86 Fighter Wing
Barrn Comm Anx					6	
Barrn Comm Anx #2					51	
Boarfink Admin Site					-	
Copenhagen Fam Hsg Site					10	
Donaueschingen Cont Hosp Anx					13	
Einseidlerhof Maint Anx					27	
Einseidlerhof Stg Anx					311	
Einseidlerkoepfe Ing Anx					12	
Kaiserslautern Fam Hsg Anx #3					3	
Kaiserslautern Fam Hsg Anx #4					4	
Kaiserslautern Water Sys Anx					155	
Kapaun Adm Anx					6	
Kindsbach Stg Anx					52	
Landstuhl Fam Hsg Anx #3					25	
Landstuhl Maint Anx					7	
Landstuhl Maint Anx #2					7	
Langerkopf RRL					1	
Langerkopf Water Sys Anx					-	
Ramstein Fam Hsg Anx					85	
Ramstein Stg Anx					681	
Siegenberg					678	
Vogelweh Fam Hsg Anx					5234	
TOTAL					794	435 Airlift Wing
Rhein Main AB	(1)	4527	854	5381	4	
Felzberg Radio Relay Site					87	
Gateway Gardens Fam Hsg Anx					19	
Langen Terrace Fam Hsg Anx					904	
TOTAL						

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE

Europe
September 30, 1991
Authorized Manpower
Full-Time Permanently
Assigned

Country Base Complex Site	(Code)	MIL	Civ	Total	Acres	Major Unit Activity Function
Germany (Cont.)						
Sembach AB	(1)	1791	483	2274	584	66 Elec. Combat Wing
Alzey Comm Annex					6	
Enkenbach Water Sys Anx					5	
Hochspeyer Ammo Stg Anx					88	
Kalkar Comm Site					-	
Mehlingen Comm Anx					68	
Neuhemsbach Pol Retail Dist Anx					7	
Neukirchen Water Sys Anx					1	
Niedermehlingerhof Water Sys Anx					2	
Reisenbach Comm Anx					6	
Rohrbach Waste Anx					3	
Sembach Base Support Anx					278	
TOTAL					1048	
Spangdahlem AB	(1)	3898	531	4429	1282	52 Fighter Wing
Grosslittgen Stg Anx					5	
Grosslittgen Water Sys Anx					2	
Niederkail Water Sys Anx					2	
Spangdahlem Waste Anx					3	
Trier Fam Hsg Anx					20	
TOTAL					1314	
Tempehof Central Apt AS	(2)	599	757	1356	506	7350 Air Base Group
Tegel Navigational Aid Annex					2	
TOTAL					908	
GREECE						
Iraklion AB	(2)	802	177	979	197	7276 Air Base Group
Araxos RRL					1	
Athens Admin #2					-	
Elevsis Stg					-	
Gournes Fam Hsg Anx					26	
Iraklion Comm Anx					14	
Iraklion Comm Anx					9	
Malia Water Sys Anx #1					1	
Malia Water Sys Anx #2					1	

DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 Europe
 September 30, 1991
 Authorized Manpower
 Full-Time Permanently
 Assigned

Country	Base Complex Site	(Code)	Mil	Civ	Total	Acres	Major Unit Activity Function
GREECE (Cont.)							
	Pateras RRL					41	
	TOTAL					289	
ITALY							
Aviano AB		(?)	1840	442	2282	989	40 Support Wing
	Aviano Ammo Stg Anx					47	
	Aviano Bachelor Hsg Anx #2					13	
	Aviano Headquarters Anx					8	
	Aviano POL Products Stg Anx					7	
	Aviano Railroad Anx					-	
	Cima Gallina RRL					-	
	LaComina Stg Anx					7	
	Monte Cimone Radio Relay Site					-	
	Monte Corna Radio Relay Site					1	
	Monte Limbara Radio Relay Site					10	
	Monte Limbara WSS Anx					1	
	Monte Paganella Radio Relay Site					1	
	Monte Serra Radio Relay Site					1	
	Monte Venda Radio Relay Site					1	
	Montichiari Bachelor Hsg Anx					1	
	Orsago Radio Beacon Anx					1	lease
	South Quirino Stg Anx					1	
	TOTAL					1089	
San Vito Dei Normanni AB							
	Martina Franca Radio Relay Site	(2)	1479	240	1719	318	7275 Air Base Group
	Martina Franca WSS Anx					9	
	Monte Nardello Radio Relay Site					1	
	Monte Vergine Radio Relay Site					7	
	TOTAL					9	
	TOTAL					344	
NETHERLANDS							
Soesterberg AB		(1)	1446	152	1598	562	32 Fighter Group
	Lrp Radio Relay Site					-	
	Kamp Alphen Ammo Stg Anx					-	

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE

Europe
September 30, 1991
Authorized Manpower
Full-Time Permanently
Assigned

Country Base Complex Site	(Code)	Mil	Civ	Total	Acres	Major Unit Activity Function
NETHERLANDS (Cont.)						
Kamp Van Zeist Service Anx					59	
Keizersveer Radio Relay Site					1	
Volket School					lease	
Vught Radio Relay Site					1	
Walaart Sacre Kamp Bachelor Hsg					34	
TOTAL					657	
PORTUGAL						
Lajes Field	(1)	2876	948	2824	903	1605 Support Wing
Agualva Comm Anx					15	
Agualva Munitions Stg Anx					8	
Cabrito Fuel Stg Anx					3	
Caldeira Comm Fac Anx					1	
Caldeira Radio Beacon Anx					1	
Caldeira VOR Anx					4	
Caldeira Ammo Stg Anx					25	
Cinco Picos Globecom Anx					19	
Cova Das Cenza POL Products Stg Anx					41	
Cume Da Praia Radio Relay Anx					1	
Cume Da Praia TACAN Anx					1	
Fontinhas Water Sys Anx					2	
Lajes Water Sys Anx					1	
Portella Nova Radar Anx					1	
Praia de Victoria Dock Anx					4	
Praia de Victoria Fuel Stg Anx					34	
Sao Miguel Radio Relay Anx					1	
Villa Nova Globecom Anx					6	
Villa Nova Water Well Anx #6					1	
TOTAL					1173	
SPAIN						
Torrejon AB	(1)	1172	526	1698	3492	401 Fighter Wing
Jarama Water Sys Anx					24	
Moron Air Base (standby)					2808	
San Fernando Stg Anx					-	
TOTAL					6324	

DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 Europe
 September 30, 1991
 Authorized Manpower
 Full-Time Permanently
 Assigned

Country Base Complex Site	(Code)	Mil	Civ	Total	Acres	Major Unit Activity Function
TURKEY						
Ankara AS	(2)	522	138	660	136	Support Station
Alendag RRL					1	
Ankara Hsg Anx #3					2	
Ankara Research Anx					8	
TOTAL					147	
Incirik AB						
Adana Water Sys Anx	(1)	2636	302	2938	3328	39 Tac Group
Karatas RRL					17	
Yumurtalik POL Prod Stg Anx					142	
TOTAL					3488	
Izmir AS						
Balikesir RRL	(2)	466	72	538	4	Support Station
Izmir Port					1	
Izmir Clinic					lease	
TOTAL					5	
Pirinclik AS						
Pirinclik Comm Anx	(2)	115	5	120	114	Electronics Station
TOTAL					62	
TOTAL					176	
UNITED KINGDOM						
High Wycombe AS						
Botley Hill RRL	(2)	221	29	250	79	Support Activities
Boxingdon RRL					1	
Carpenters Park Fam Hsg Anx					1	
Cold Blow RRL					14	
Eastcote Adm Anx					-	
RAF Christmas Common RRL					-	
RAF Dunkirk Comm Site					2	
TOTAL					2	
RAF Ruislip West Adm Anx						
RAF Swingate Comm Site					6	
RAF Uxbridge Support Anx					4	
TOTAL					1	

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE

Europe
September 30, 1991
Authorized Manpower
Full-Time Permanently
Assigned

Country Base Complex Site	(Code)	MIL	Civ	Total	Acres	Major Unit Activity Function
UNITED KINGDOM (Cont.)						
RAF West Drayton Fam Hsg Anx					2	
Ruislip Adm Anx					1	
TOTAL					113	
RAF Alconbury	(1)	2180	409	2589	1225	39 Special Ops Wing
Daventry RRL					1	
Oakington Stg Anx					-	
RAF Bedford					18	
RAF Chelveston Fam Hsg Anx					659	
RAF Molesworth					5	
RAF Molesworth Fam Hsg Anx					37	
RAF Molesworth Stg Anx #12					1	
RAF Molesworth Waste Anx					216	
RAF Upwood Flg/Cont Hosp Anx					-	
RAF Wittering Fam Hsg Anx					-	
RAF Wyton Service Anx					2162	
TOTAL						
RAF Bentwaters	(1)	3148	443	3591	1063	81 Fighter Wing
Framlingham Stg Anx					6	
Grundisburgh Fam Hsg Anx					-	
Ipswich Fam Hsg Anx					-	
Melton Fam Hsg Anx					-	
RAF Bentwaters Bachelor Hsg Anx					5	
RAF Bentwaters Waste Anx					8	
RAF Felixstowe Fam Hsg Anx					-	
RAF Martlesham-Heath Comm Anx					9	
Saxmundham Fam Hsg Anx					-	
Shotley Fam Hsg Anx					1091	
TOTAL						
RAF Chicksands	(2)	1267	139	1406	411	7274 Air Base Group
Bedford Stg Anx					-	
TOTAL					411	

DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 Europe
 September 30, 1991
 Authorized Manpower
 Full-Time Permanently
 Assigned

Country Base Complex Site	(Code)	Mil	Civ	Total	Acres	Major Unit Activity Function
UNITED KINGDOM (Cont.)						
RAF Croughton	(2)	310	31	341	694	2130 Communications Group Standby Base
RAF Fairford	(2)	88	89	177	1170	48 Fighter Wing
RAF Lakenheath	(1)	3281	590	3871	1966	
RAF Feltwell Stg Anx					332	
RAF Mildenhall Ammo Stg Anx					36	
RAF Nocton Hall Cont Hosp Anx					42	
RAF Sculthorpe					1503	
RAF Watton Stg Anx					-	
TOTAL					3879	
RAF Mildenhall	(1)	3166	576	3742	1121	100 Air Ref
Fornebu Airport Stg Site					-	
Newmarket Fam Hsg Anx #1					-	
Newmarket Fam Hsg Anx #2					-	
RAF Chilwell Stg Site					-	
RAF Mildenhall ILS MH Anx					1	
RAF Mildenhall Waste Anx					4	
RAF Shepherds Grove Fam Hsg Anx					18	
Tuddenham Fam Hsg Anx					-	
TOTAL					1144	
RAF Upper Heyford	(1)	3903	501	4404	1221	20 Fighter Wing
Ardley Fam Hsg Anx					1	
Bishops Green Fam Hsg Anx					10	
Long Hanborough Fam Hsg Anx					1	
RAF Barford St John Comm Site					476	
RAF Bicester Fam Hsg Anx #2					-	
RAF Bicester Service Annex					424	
RAF L11 Rissington					608	
RAF Upper Heyford Waste Anx					3	
Wartage Fam Hsg Anx					6	
TOTAL					2749	
RAF Woodbridge	(2)	165	0	165	994	78 & 91 Fighter Sqns.
RAF Woodbridge Fam Hsg Anx					-	
RAF Woodbridge Waste Anx					4	
TOTAL					998	

APPENDIX A-III

BASE STRUCTURE REPORT

LIST OF ABBREVIATIONS

ACFT	Aircraft
ACT	Activity
ADMIN	Administration
AF	Air Force
AFB	Air Force Base
AFR	Armed Force Reserve
AFRC	Armed Forces Reserve Center
AFS	Air Force Station
AGB	Air Guard Base
AGS	Air Guard Station
AGY	Agency
AMMO	Ammunition
ANG	Air National Guard
APT	Airport
ASW	Anti-Submarine Warfare
BN	Battalion
BOMB	Bombardment
CBT	Combat
CDEC	Combat Development Experimentation Center
CINCPAC	Commander in Chief, Pacific
CIV	Civilian
CMD	Command
CNTL	Control
COMM	Communications
CONST	Construction
CSOC	Consolidated Space Operations Center
CTR	Center
DEV	Development
DIA	Defense Intelligence Agency

DIV	Division
DLA	Defense Logistics Agency
DMA	Defense Mapping Agency
ED	Education
ELEC	Electronic
ENG	Engineering
FAC	Facility
FED	Federal
FIS	Fighter Interceptor Squadron
FIG	Fighter Interceptor Group
FIW	Fighter Interceptor Wing
FLD	Field
FMF	Fleet Marine Force
FOB	Federal Office Building
FTR	Fighter
FTW	Flying Training Wing
FORSCOM	Forces Command (Army)
FWD	Forward
GD	Ground
GP	Group
GRND	Ground
H/A	Heating and Air Conditioning
HELO	Helicopter
HQ	Headquarters
IAP	International Airport
ICP	Inventory Control Point
INST	Institute
IPAC	Intelligence command, Pacific
LANT	Atlantic
LOG	Logistics
MAB	Marine Amphibious Brigade
MAC	Military Airlift Command
MAG	Military Airlift Group (Air Force)
MAG	Marine Air Group (Marine Corps)
MAP	Municipal Airport
MAW	Marine Air Wing
MC	Marine Corps

MCAS	Marine Corps Air Station
MCB	Marine Corps Base
MCCES	Marine Corps Communications and Electronic School
MECH	Mechanized
MED	Medical
MEDCOM	Medical Command
MIL	Military
MSL	Missile
NARF	Naval Air Rework Facility
NAS	Naval Air Station
NATO	North Atlantic Treaty Organization
NAV	Naval
NSA	National Security Agency
OFF	Officer
OPS	Operations
OPNS	Operations
PAC	Pacific
PAVE PAMS	Phased-Array Radar
PENT	Pentagon
PERS	Personnel
PLT	Plant
PROC	Procurement
PROD	Production
PROF	Professional
PROJ	Project
PT	Point
PUB	Public
R&D	Research and Development
RAF	Royal Air Force
RC	Reserve Component
RDT&E	Research, Development, Test and Evaluation
REC	Recreation
RECON	Reconnaissance
REF	Refueling
REG	Regional
RES	Reservation
SWG	Sewage

SCH	School
SPT	Support
SQ	Squadron
SFA	Station
STRAT	Strategic
SUB	Submarine
SUP	Supply
SURV	Survival
SYS	System
T&E	Test and Evaluation
TAC	Tactical
TAC	Tactical Air Command (Air Force)
TECH	Technical
TRG	Training
TRADOC	Training and Doctrine Command (Army)
TRK	Tracking
TRP	Troop
USAF	U.S. Air Force
USAREUR	U.S. Army, Europe
USMA	U.S. Military Academy
USMC	U.S. Marine Corps
WG	Wing
WKS	Works

APPENDIX A-IV

INSTALLATION DEFENSE PLANNING AND PROGRAMMING (IDPP) CATEGORIES

<u>IDPP #</u>	<u>CATEGORY</u>
	Strategic Forces
101	Strategic
103	Intelligence and Communications
105	Guard and Reserve
106	Research and Development
	General Purpose Forces
202	General Purpose
204	Airlift/Sealift Forces
205	Guard and Reserve
	Auxiliary Forces
303	Intelligence and Communications
306	Research and Development
307	Central Supply and Maintenance
	Mission Support Forces
401	Strategic
402	General Purpose
	Central Support Forces
507	Central Supply and Maintenance
508	Training, Medical and Other Personnel Activities
509	Administration and Associated Activities