



THE BOOK 2010

Airman



Airman

Official magazine of the U.S. Air Force
The Book 2010, Volume LIV, Number 3

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ABOUT AIRMAN

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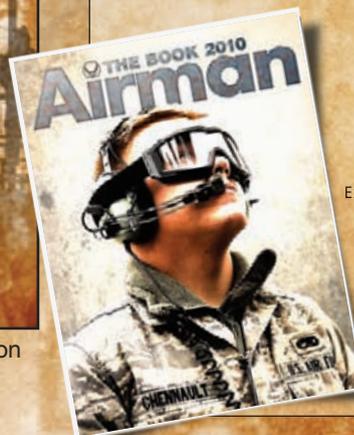
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On the Cover

Front cover: Airman 1st Class William Chennault, a crew chief assigned to the 451st Air Expeditionary Squadron at Camp Bastion, Afghanistan.

imagery support by Staff Sgt. Angelita Lawrence 1st Combat Camera

front and back cover illustrations and designs by Luke Borland

AIR FORCE LEADERS



MICHAEL DONLEY
SECRETARY OF THE AIR FORCE
 Hometown: Novato, Calif.



GEN. NORTON SCHWARTZ
CHIEF OF STAFF OF THE AIR FORCE
 Hometown: Toms River, N.J.



JAMES A. ROY
CHIEF MASTER SGT. OF THE AIR FORCE
 Hometown: Monroe, Mich.

VIEW FROM THE TOP

AIR FORCE VISION

"The United States Air Force will be a trusted, reliable joint partner with our sister services known for integrity in all of our activities, including supporting the joint mission first and foremost. We will provide compelling air, space, and cyber capabilities for use by the

Combatant Commanders. We will excel as stewards of all Air Force resources in service to the American people, while providing precise and reliable Global Vigilance, Reach and Power for the Nation."

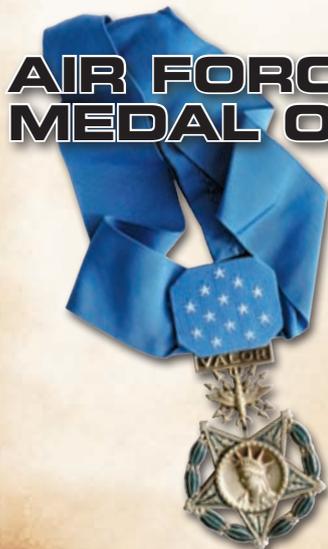
AIR FORCE MISSION

The mission of the United States Air Force is to *fly, fight and win*...in air, space and cyberspace.

AIR FORCE PRIORITIES

- Continue to strengthen the nuclear enterprise
- Partner with the joint and coalition team to win today's fight
- Develop and care for Airmen and their families
- Modernize our air and space inventories, organizations and training
- Recapture acquisition excellence

AIR FORCE MEDAL OF HONOR RECIPIENTS

**World War I**

2nd Lt. Edwin R. Bleckley Killed in action
 2nd Lt. Harold E. Goettler Killed in action
 2nd Lt. Frank Luke Jr., Killed in action
 Capt. Edward V. Rickenbacker Died 1973

World War II

Lt. Col. Addison E. Baker Killed in action
 Maj. Richard I. Bong Died in 1945 accident
 Maj. Horace S. Carswell Jr. Killed in action
 Brig. Gen. Frederick W. Castle Killed in action
 Maj. Ralph Cheli Died as POW, 1944
 Col. Demas T. Crow Killed in action
 Lt. Col. James H. Doolittle Died 1993
 MSgt. Henry E. Erwin Died 2002
 2nd Lt. Robert E. Femoyer Killed in action
 1st Lt. Donald J. Gott Killed in action
 Maj. Pierpont M. Hamilton Died 1982
 Lt. Col. James H. Howard Died 1995
 2nd Lt. Lloyd H. Hughes Killed in action
 Maj. John L. Jerstad Killed in action
 Col. Leon W. Johnson Died 1997
 Col. John R. Kane Died 1996

Col. Neel E. Kearby Killed in action
 2nd Lt. David R. Kingsley Killed in action
 1st Lt. Raymond L. Knight Killed in action
 1st Lt. William R. Lawley Jr. Died 1999
 Capt. Darrell R. Lindsey Killed in action
 SSgt. Archibald Mathies Killed in action
 1st Lt. Jack W. Mathis Killed in action
 Maj. Thomas B. McGuire Jr. Killed in action
 2nd Lt. William E. Metzger Jr. Killed in action
 1st Lt. Edward S. Michael Died 1994
 2nd Lt. John C. Morgan Died 1991
 Capt. Harl Pease Jr. Killed in action
 1st Lt. Donald D. Pucket Killed in action
 2nd Lt. Joseph R. Sarnoski Killed in action
 Maj. William A. Shomo Died 1990
 Sgt. Maynard H. Smith Died 1984
 2nd Lt. Walter E. Truemper Killed in action
 Lt. Col. Leon R. Vance Jr. Lost at sea, 1944
 TSgt. Forrest L. Vosler Died 1992
 Brig. Gen. Kenneth N. Walker Killed in action
 Maj. Raymond H. Wilkins Killed in action
 Maj. Jay Zeamer Jr. Died 2007

Korean War

Maj. George A. Davis Killed in action
 Maj. Charles J. Loring Killed in action
 Maj. Louis J. Sebille Killed in action
 Capt. John S. Walmsley Killed in action

Vietnam War

Capt. Steven L. Bennett Killed in action
 Col. George E. Day Killed in action
 Maj. Merlyn H. Dethlefsen Died 1987
 Maj. Bernard F. Fisher Killed in action
 1st Lt. James P. Fleming Killed in action
 Lt. Col. Joe M. Jackson Killed in action
 Col. William A. Jones III Died in 1969 accident
 A1C John L. Levitow Died 2000
 A1C William H. Pitsenbarger Killed in action
 Capt. Lance P. Sijan Died as POW, 1968
 Lt. Col. Leo K. Thorsness Killed in action
 Capt. Hilliard A. Wilbanks Died 1990
 Capt. Gerald O. Young Killed in action

BUILDING BLOCKS OF THE AIR FORCE

photo by Staff Sgt. Angella Lawrence



Headquarters Air Force

HAF

Headquarters Pentagon, Washington, D.C.

Established Sept. 18, 1947

Secretary Michael Donley

Chief of Staff Gen. Norton Schwartz

Vice Chief of Staff Gen. Carrol H. "Howie" Chandler

Asst. Vice Chief of Staff Lt. Gen. William L. Shelton

Chief Master Sgt. of the Air Force CMSAF James A. Roy

ROLE

Organize, train, and equip air and space forces.

MISSION

To *fly, fight* and *win*...in air, space, and cyberspace.

AIR STAFF

A1 Manpower and Personnel

Lt. Gen. Richard Y. Newton III

A2 Intelligence, Surveillance and Reconnaissance

Lt. Gen. David A. Deptula

A3/5 Air, Space and Information Operations, Plans and Requirements

Lt. Gen. Phillip M. Breedlove

A4/7 Logistics, Installations and Mission Support

Lt. Gen. Loren M. Reno

A8 Strategic Plans and Programs

Lt. Gen. Christopher D. Miller

A9 Analyses, Assessments and Lessons Learned

Dr. Jacqueline R. Henningsen

A10 Strategic Deterrence and Nuclear Integration Office

Maj. Gen. C. Donald Alston

AF/HC Chief of Chaplains

Chaplain (Maj. Gen.) Cecil R. Richardson

AF/HO Air Force Historian

C. R. Anderegg

AF/JA Judge Advocate General

Lt. Gen. Richard C. Harding

AF/RE Chief, Air Force Reserve

Lt. Gen. Charles E. Stenner Jr.

AF/SE Safety

Maj. Gen. Frederick F. Roggero

AF/SG Surgeon General

Lt. Gen. (Dr.) Charles B. Green

AF/ST Chief Scientist

Dr. Werner J.A. Dahm

AF/TE Test and Evaluation

John T. Manclark

NGB/CC Chief, National Guard Bureau

Gen. Craig R. McKinley

NGB/CF Director, Air National Guard

Lt. Gen. Harry M. Wyatt III

PERSONNEL 3,021

Active duty 1,671

Officers 1,416

Enlisted 255

Reserve components 524

ANG 56

AFRC 468

Civilian 826

Major Command Structure

Most units of the Air Force are assigned to a specific **major command**, led by a general officer. MAJCOMs have extensive functional responsibilities as shown on the following pages. MAJCOMs may be subdivided into numbered Air Forces with each NAF responsible for one or more wings or independent groups.

Wings are the primary units of the working Air Force and are responsible for maintaining an Air Force base or carrying out a specific mission. Wings may be commanded by a general officer or a colonel. There are different types of wings, based on objective: operational, air base, or specialized mission.

A wing may have several squadrons in more than one dependent **group**. Wings typically contain an operations group, a maintenance group, a support group and a medical group.

The majority of individual officers and Airmen are assigned to a **squadron**, which may be composed of several flights.

Additionally, there are other types of organizations in the Air Force structure such as **centers, field operating agencies** and **direct reporting units**.



THE BOOK 2010 ORGANIZATIONS



AIR COMBAT COMMAND



Commander: **Gen. William M. Fraser III**
 Command Chief Master Sgt.: **Chief Master Sgt. Martin Klukas**
 Headquarters: **Langley AFB, Va.**
 Web address: **www.acc.af.mil**

photo by Senior Airman Gina Chilverotti



Maintainers from the 23rd Aircraft Maintenance Squadron at Moody Air Force Base, Ga., service an A-10 Thunderbolt II during an operational readiness exercise.

Mission

The ACC mission is to *fly, fight, and win...* integrating capabilities across air, space, and cyberspace to deliver precise, coercive effects in defense of our nation and its global interests.

Responsibilities

ACC is the lead command for the combat Air Force. The command organizes, trains, equips and deploys combat-ready forces to support combatant commanders around the globe. Additionally, ACC is the air component to U.S. Northern, Southern and Central commands and augments the in-place air components of U.S. European and Pacific commands. ACC also provides air defense forces to North American Aerospace Defense Command. To accomplish the objectives of the National Defense Strategy, the command operates fighter; attack; bomber; intelligence, surveillance and reconnaissance; combat search and rescue; battle-management; electronic-combat and unmanned aircraft system platforms. In addition, ACC conducts information operations and provides command, control, communications and intelligence systems to theater commanders and combat forces.

People

Active duty	76,466
<i>Officers</i>	10,989
<i>Enlisted</i>	65,477
AFRC	10,779
ANG	45,317
Civilians	11,528
Total	144,090

Organization

Primary Subordinate Units

U.S. Air Force Warfare Center, Nellis AFB, Nev.

- 53rd Wing, Eglin AFB, Fla. (A-10C, F-15C/D/E, F-16C/D,

Source: Air Combat Command Public Affairs Office

- F-22, HH-60G, MQ-1, MQ-9, B-1B, B-2, RQ-4, E-9, QF-4, B-52, BQM-167)

- 57th Wing, Nellis AFB, Nev. (operating on installation: A-10, F-15C/D/E, F-16C/D, F-22, HH-60G; operating off-installation: B-1, B-2, B-52, MQ-1, MQ-9, AC-130, MC-130, C-17, KC-135, C-130)

- 57th Operations Group, Nellis AFB, Nev.
- 414th Combat Training Squadron (Red Flag), Nellis AFB, Nev.
- 6th Combat Training Squadron (AGOS), Nellis AFB, Nev.
- 549th Combat Training Squadron (Green Flag-West) Nellis AFB, Nev.
- 548th Combat Training Squadron (Green Flag-East), Barksdale AFB, La.
- 57th Adversary Tactics Group (Air, Air Defense, Space and Information Aggressors), Nellis AFB, Nev.
- USAF Weapons School, Nellis AFB, Nev.
- USAF Advanced Maintenance and Munitions Officer School (USAF AMMOS), Nellis AFB, Nev.
- 98th Range Wing, Nellis AFB, Nev.
- 99th Air Base Wing, Nellis AFB, Nev.
- 505th Command and Control Wing, Hurlburt Field, Fla.
- 505th Distributed Warfare Group, Kirtland AFB, N.M.
- 505th Operations Group, Nellis AFB, Nev.
- 505th CCW Det. 1, Fort Leavenworth, Kan.
- Coalition and Irregular Warfare Center of Excellence, Nellis AFB, Nev.
- ACC Combat Targeting and Intelligence Group, Langley AFB, Va.

1st Air Force (Air Forces Northern), Tyndall AFB, Fla.

- Northeastern Air Defense Sector, Rome, N.Y.
- Western Air Defense Sector, Joint Base Lewis-McChord, Wash.
- 601st Air Operations Center, Tyndall Air Force Base, Fla.
- 127th Air Defense Squadron, Bolling AFB, D.C.

- Air Force Rescue Coordination Center, Tyndall AFB, Fla.
- 702nd Computer Support Squadron, Tyndall AFB, Fla.
- 1st AF Det. 1, Winnipeg, Manitoba, Canada
- 722nd Air Defense Squadron, North Bay, Canada

9th Air Force, Shaw AFB, S.C.

- 1st Fighter Wing, Langley AFB, Va. (F-15C/D, F-22)
- 4th Fighter Wing, Seymour Johnson AFB, N.C. (F-15E)
- 20th Fighter Wing, Shaw AFB, S.C. (F-16D/CJ)
- 23rd Wing, Moody AFB, Ga. (HH-60G, A-10C, HC-130P/N)
- 93rd Air Ground Operations Wing, Moody AFB, Ga.
- 116th Air Control Wing, Robins AFB, Ga. (E-8C)
- 823rd Red Horse Squadron, Hurlburt Field, Fla.
- 819th Red Horse Squadron, Malmstrom AFB, Mont.

12th Air Force, Davis-Monthan AFB, Ariz.

- 7th Bomb Wing, Dyess AFB, Texas (B-1)
- 9th Reconnaissance Wing, Beale AFB, Calif. (T-38, U-2, RQ-4)
- 28th Bomb Wing, Ellsworth AFB, S.D. (B-1)
- 49th Fighter Wing, Holloman AFB, N.M. (F-22, T-38, German F-4F, German Tornado, MQ-1, MQ-9)
- 55th Wing, Offutt AFB, Neb. (E-4B, OC-135B, RC-135S/U//W, TC-135S/W, WC-135C/W, EC-130)
- 355th Fighter Wing, Davis-Monthan AFB, Ariz. (A/OA-10)
- 366th Fighter Wing, Mountain Home AFB, Idaho (F-15E, Singapore F-15SG)
- 388th Fighter Wing, Hill AFB, Utah (F-16C/D)
- 432nd Wing, Creech AFB, Nev. (MQ-1, MQ-9)
- 552nd Air Control Wing, Tinker AFB, Okla. (E-3B/C)
- 612th Air and Space Operations Center, Davis-Monthan AFB, Ariz.
- 612th Air Communications Squadron, Davis-Monthan AFB, Ariz.
- 612th Theater Operations Group, Davis-Monthan AFB, Ariz.
- 820th Red Horse Squadron, Nellis AFB, Nev.

AIR EDUCATION AND TRAINING COMMAND



Commander: **Gen. Stephen R. Lorenz**
 Command Chief Master Sgt.: **Chief Master Sgt. Robert Tappana**
 Headquarters: **Randolph AFB, Texas**
 Web address: **www.aetc.af.mil**

Mission

Develops America's Airmen today, for tomorrow. With a vision to deliver unrivaled air and space education and training, the command recruits Airmen and provides basic military training, initial and advanced technical training, flying training, medical training, space and missile training, cyber training, and professional military and degree-granting professional education. The command also conducts joint, readiness and Air Force security assistance training.

Responsibilities

Sustains the combat capability of the operational Air Force with highly trained and motivated Airmen; recalls individual ready Reservists and manages mobility and contingency tasking support for combatant commanders.

People

Active duty	34,723
<i>Officers</i>	7,573
<i>Enlisted</i>	27,150
AFRC	3,178
ANG	5,534
Civilians	14,348
Contracted workers	11,593
NAF Civilians	4,348
Total	73,724

Student Education Graduates

Officer accessions	3,933
<i>Basic Officer Training</i>	691
<i>Commissioned Officer Training</i>	1,112
<i>Reserve Commissioned Officer Training</i>	175
<i>Reserve Officer Training Corps</i>	1,894
<i>Airman Education and Commissioning Program</i>	48
Professional Military Education	49,513
<i>Enlisted PME</i>	32,649
<i>Officer PME</i>	16,864
<i>Air Force Institute for Advanced Distributed Learning (PME)</i>	4,810

<i>Air War College nonresident</i>	2,409
<i>Air Command and Staff College nonresident</i>	3,167
Professional continuing education	30,249
<i>Air Force Institute of Technology</i>	23,950
<i>Air University</i>	5,253
<i>Air Force Institute for Advanced Distributed Learning (Special)</i>	1,046
Academic education	18,923
<i>Air Force Institute of Technology</i>	1,318
<i>School of Advanced Air and Space Studies</i>	42
<i>Advanced Studies Group (SAMS, SAW, JAWS)</i>	16
<i>Community College of the Air Force</i>	17,547
Other educational activities	32,024
Technical training	67,618
<i>Air University resident</i>	2,144
<i>Air Force Institute for Advanced Distributed Learning (Career Development Courses-TT)</i>	65,474
Total	202,260

Student Training Graduates

Basic Military Training	35,086
Technical Training	101,564
Field Training	29,454
Distance Learning	8,182
Joint Sourcing Solution Graduates	7,131
Total	181,417

Recruiting

Officer accessions	1,389
<i>Health professionals</i>	806
<i>Chaplain</i>	25
<i>Line</i>	558
Enlisted accessions	31,983
<i>Non prior service</i>	31,783
<i>Prior service</i>	200
Total	33,372

Organization

Air University, Maxwell AFB, Ala.

- Carl A. Spaatz Center for officer education
- Ira C. Eaker Center for professional development
- Jeanne M. Holm Center for officer accessions and citizen development
- Thomas N. Barnes Center for enlisted education
- Air Force Institute of Technology
- Air Force Research Institute
- Curtis E. LeMay Center for doctrine development and education
- Muir S. Fairchild Research Information Center
- Air University Television
- Air University Press
- Civil Air Patrol - U.S. Air Force
- 42nd Air Base Wing

2nd Air Force (technical training), Keesler AFB, Miss.

- 17th Training Wing, Goodfellow AFB, Texas
- 37th Training Wing, Lackland AFB, Texas
- 81st Training Wing, Keesler AFB, Miss.
- 82nd Training Wing, Sheppard AFB, Texas
- 381st Training Group, Vandenberg AFB, Calif.
- Technical Training Operations Center, Keesler AFB, Miss.
- Detachment 1, TTOG, Lackland AFB, Texas

19th Air Force (flying training), Randolph AFB, Texas

- 12th Flying Training Wing, Randolph AFB, Texas (T-1A, T-6A, T-38C, T-43A)
- 14th Flying Training Wing, Columbus AFB, Miss. (T-1A, T-6, T-38C)
- 23rd Flying Training Squadron, Fort Rucker, Ala. (UH-1H, TH-1H)
- 47th Flying Training Wing, Laughlin AFB, Texas (T-1A, T-6, T-38C)
- 56th Fighter Wing, Luke AFB, Ariz. (F-16C/D)
- 58th Special Operations Wing, Kirtland AFB, N.M. (HC-130P/N, HH-60G, MC-130H/P, UH-1N, CV-22)
- 71st Flying Training Wing, Vance AFB, Okla. (T-6A, T-1A, T-38C)
- 80th Flying Training Wing, Sheppard AFB, Texas (T-6, T-38C)
- 97th Air Mobility Wing, Altus AFB, Okla. (C-17, KC-135)
- 306th Flying Training Group, U.S. Air Force Academy, Colo. (TC-51/C-150, TG-10B/C, TG-15A/B, T-41D (C-172) TACA, UV-18B)
- 314th Airlift Wing, Little Rock AFB, Ark. (C-130 E/J)
- 325th Fighter Wing, Tyndall AFB, Fla. (F-15C/D, F-22, Undergraduate Controller and Air Battle Manager training, Weapons Director training)
- 336th Training Group, Fairchild AFB, Wash. (UH-1N, Aircrew Survival training)
- 45th Airlift Flight, Keesler AFB, Miss. (C-21)
- 33rd Fighter Wing, Eglin AFB, Fla. (F-35A/B/C)

Air Force Recruiting Service, Randolph AFB, Texas

- 360th Recruiting Group, Hanscom AFB, Mass.
- 369th Recruiting Group, Lackland AFB, Texas
- 372nd Recruiting Group, Hill AFB, Utah

Others

- 59th Medical Wing, Wilford Hall Medical Center (San Antonio Military Medical Center-South), Lackland AFB, Texas
- Air Force Security Assistance Training Squadron, Randolph AFB, Texas
- AETC Studies and Analysis Squadron, Randolph AFB, Texas

photo by Staff Sgt. Desiree N. Palacios



Trainees prep for the Basic Expeditionary Airman Skills and Training, or BEAST, at Lackland Air Force Base, Texas.

Source: Air Education and Training Command Public Affairs Office

AIR MOBILITY COMMAND



Commander: **Gen. Raymond E. Johns Jr.**
 Command Chief Master Sgt.: **Chief Master Sgt. David E. Spector**
 Headquarters: **Scott AFB, Ill.**
 Web address: **www.amc.af.mil**

photo by Senior Airman Larry E. Reid Jr.



A formation of C-130 Hercules taxis in after a training mission during the U.S. Air Force Weapons School's Mobility Air Forces Exercise at Nellis Air Force Base, Nev. Approximately 12 U.S. Air Force bases participate in MAFEX at the U.S. Air Force Weapons School twice a year, testing C-17 Globemasters and C-130 Hercules crews' ability to join in a formation at a specific time and location to drop a brigade-sized force anywhere in the world.

Mission

Provide global air mobility ... right effects, right place, right time.

Responsibilities

AMC Airmen — active duty, Air National Guard, Air Force Reserve and civilians — provide airlift and aerial refueling for all of America's armed forces. They also provide aeromedical evacuation and Global Reach laydown. The command has many special duty and operational support aircraft and plays a crucial role in providing humanitarian support at home and around the world.

People

Active duty	46,073
<i>Officers</i>	7,148
<i>Enlisted</i>	38,925
AFRC	37,927
ANG	36,362
Civilians	9,482
Total	129,844

Organization

Direct Reporting Unit

■ U.S. Air Force Expeditionary Center, Joint Base McGuire-Dix-Lakehurst AFB, N.J. The U.S. Air Force Expeditionary Center is the Air Force's premier educational, training and innovation institution. The center consists of the Air Force Mobility Operations School, Expeditionary Operations School and the Air Mobility Battlelab.

18th Air Force, Scott AFB, Ill.

Eighteenth Air Force is the warfighting component of Air Mobility Command.

■ 618th Tanker Airlift Control Center, Scott AFB, Ill.
 The 618th TACC is the global air operations center responsible for centralized command and control of Air Force and commercial contract air mobility assets, 24 hours a day, seven days a week. It plans, schedules and tracks tanker, airlift and aeromedical evacuation aircraft worldwide.

- 15th Expeditionary Mobility Task Force, Travis AFB, Calif.
- 615th Contingency Response Wing, Travis AFB, Calif.
- 515th Air Mobility Operations Wing, Hickam AFB, Hawaii
- 21st Expeditionary Mobility Task Force, Joint Base McGuire-Dix-Lakehurst AFB, N.J.

- 621st Contingency Response Wing, Joint Base McGuire-Dix-Lakehurst AFB, N.J.
- 521st Air Mobility Operations Wing, Ramstein AB, Germany
- 19th Airlift Wing, Little Rock AFB, Ark. (C-130)
- 6th Air Mobility Wing, MacDill AFB, Fla. (C-37A, KC-135)
- 22nd Air Refueling Wing, McConnell AFB, Kan. (KC-135)
- 60th Air Mobility Wing, Travis AFB, Calif. (C-5, KC-10, C-17)
- 62nd Airlift Wing, Joint Base Lewis-McChord, Wash. (C-17)
- 89th Airlift Wing, Joint Base Andrews, Md. (C-20B, C-32A, C-37A, C-40B, VC-25A)
- 92nd Air Refueling Wing, Fairchild AFB, Wash. (KC-135)
- 87th Air Base Wing, Joint Base McGuire-Dix-Lakehurst AFB, N.J.
- 305th Air Mobility Wing, Joint Base McGuire-Dix-Lakehurst AFB, N.J. (C-17, KC-10)
- 319th Air Refueling Wing, Grand Forks AFB, N.D. (KC-135)
- 375th Airlift Wing, Scott AFB, Ill. (C-21)
- 43rd Airlift Wing, Pope AFB, N.C. ()
- 436th Airlift Wing, Dover AFB, Del. (C-5, C-17)
- 437th Airlift Wing, Charleston AFB, S.C. (C-17)
- 317th Airlift Group, Dyess AFB, Texas (C-130)

Source: Air Mobility Command Public Affairs Office

AIR FORCE MATERIEL COMMAND



Commander: **Gen. Donald J. Hoffman**
 Command Chief Master Sgt.: **Chief Master Sgt. William C. Gurney**
 Headquarters: **Wright-Patterson AFB, Ohio**
 Web address: **www.afmc.af.mil**

photo by Tech. Sgt. Larry A. Simmons



Aerial view of a maintenance hangar.

Mission

Delivers war-winning technology, acquisition support, sustainment and expeditionary capabilities to the warfighter.

Responsibilities

Conducts research, development and test and evaluation, and provides acquisition management services and logistics support necessary to keep Air Force weapon systems ready for war.

People

Active duty	18,863
Officers	5,828
Enlisted	13,035
AFRC	1,284
ANG	167
Civilians	59,003
Total	79,317

Organization

Major Product Centers

- Aeronautical Systems Center, Wright-Patterson AFB, Ohio develops, acquires and sustains aeronautical systems.
- Air Armament Center, Eglin AFB, Fla. is responsible for the development, acquisition, testing, deployment and sustainment of all air-delivered weapons.
- Electronic Systems Center, Hanscom AFB, Mass. is responsible for the development, acquisition and integration of command and control systems.

Test Centers

- Air Force Flight Test Center, Edwards AFB, Calif. provides aerospace research, development, test and evaluation, and support for the United States and its allies.
- Arnold Engineering Development Center, Arnold AFB, Tenn. operates flight simulation test facilities to assist in developing air and space systems for the U.S. and its allies.

Science and Technology

- Air Force Research Laboratory, Wright-Patterson AFB, Ohio leads the discovery, development and integration of affordable warfighting technologies for air and space forces.

Air Logistics Centers

- Ogden Air Logistics Center, Hill AFB, Utah (intercontinental ballistic missiles, A-10, B-2, C-130A, F-16, KC-135, F-22)
- Oklahoma City Air Logistics Center, Tinker AFB, Okla. (B-1, B-2, B-52, E-3, E-6, KC-135, KC-10, jet engines and air-launched cruise missiles)
- Warner Robins Air Logistics Center, Robins AFB, Ga. (C-5, C-130, F-15, C-17, U-2, E-8, UAS, avionics, Air Force helicopters and airborne ground support software)

Specialized Centers

- Air Force Security Assistance Center, Wright-Patterson AFB, Ohio negotiates foreign military sales and defense agreements with foreign countries and international organizations.
- Air Force Global Logistics Support Center, Scott AFB, Ill. is the Air Force supply chain manager, providing enterprise planning, global command and control and a single focal point, all in support of the full range of warfighter operations.

Specialized Units

- Air Force Nuclear Weapons Center, Kirtland AFB, N.M. ensures safe, secure and reliable nuclear weapon systems to support the National Command Structure and the Air Force warfighter.
- 309th Aerospace Maintenance and Regeneration Group, Davis-Monthan AFB, Ariz. provides aircraft regeneration, storage and preservation, aircraft parts reclamation and disposal in support of the Department of Defense, allied warfighters and other government agencies.

Museum

- National Museum of the U.S. Air Force, Wright-Patterson AFB, Ohio preserves heritage of American aviation and showcases the Air Force mission along with the service's continuing contribution to national defense.

Band

- The United States Air Force Band of Liberty, Hanscom AFB, Mass. produces inspiring and innovative world-class musical programs to communicate Air Force excellence for a wide variety of military and community events.

Source: Air Force Materiel Command Public Affairs Office

AIR FORCE RESERVE COMMAND



Commander: **Lt. Gen. Charles E. Stenner, Jr.**
 Command Chief Master Sgt.: **Chief Master Sgt. Dwight D. Badgett**
 Headquarters: **Robins AFB, Ga.**
 Web address: **www.afrc.af.mil**

AFRC File Photo



Tech. Sgt. Christopher Walls (left) and Staff Sgt. Chris Wietecha use a breakaway force tester to check out a KC-135 Stratotanker aerial refueling drogue. The sergeants are members of the 452nd Maintenance Squadron's aircraft pneudraulics systems shop at March Air Reserve Base, Calif. March ARB is the home of the largest air mobility wing in Air Force Reserve Command.

Mission

The mission of the Air Force Reserve is to *fly, fight and win...* in air, space and cyberspace.

Responsibilities

It provides the Air Force about 20 percent of its capability with only about 4 percent of the total Air Force budget, while spanning a wide variety of missions. It's the only Department of Defense unit that conducts fixed-wing aerial spray missions. It flies hurricane hunter missions for the National Weather Service. It is administratively responsible for the Air Force's individual mobilization augmentee program.

People

Total Air Force Reservists.....	64,461
<i>Traditional Reservists</i>	42,637
<i>Mobilization Augmentees</i>	8,222
<i>Air Reserve Technicians</i>	10,818
<i>Active Guard and Reserve</i>	2,784
Civilians.....	4,130
Active Duty.....	281
Total.....	68,872

Reserve Mission Capability

It provides 100 percent of the aerial spray mission, 100 percent of the weather reconnaissance mission, 75 percent of port mortuary affairs, 60 percent of the aeromedical evacuation missions, 54 percent of aerial port, 50 percent of the combat flight inspection program, 46 percent of strategic airlift, 25 percent of aerial fire fighting, 23 percent of personnel recovery, 23 percent of the tanker missions, 21 percent of theater airlift, 19 percent of the intelligence capability, 19 percent of training, 5 percent of security forces, 15 percent of air operation centers, 12 percent of space missions, 11 percent of the airborne warning and control missions, 10 percent of the special operations forces, 6 percent of the bombers, 5 percent of unmanned aerial systems and 5 percent of the fighter missions.

Source: Air Force Reserve Command Public Affairs Office

Flying Activity

The Reserve Associate Program trains Reserve Airmen to fly and maintain more than 300 active-duty aircraft, including the C-5, C-17, E-3A, F-16C, KC-10, T-1, T-37, T-38 and AT-38. AFRC's unit-owned fleet includes A-10, B-52, C-5, C-9, C-17, C-40, C-130, F-16, HC-130, HH-60, KC-135, MC-130 and WC-130 aircraft. Of its 345 aircraft, in times of war or other special needs, Air Combat Command or Air Mobility Command would gain 97 percent. The remaining aircraft would go to Air Force Special Operations Command.

Organization

The commander of Air Force Reserve Command is also Chief, Air Force Reserve, Washington, D.C.

Headquarters AFRC, Robins AFB, Ga.

- Air Reserve Personnel Center, Denver
- Air Force Reserve Command Recruiting Service, Robins AFB, Ga.
- The Band of the U.S. Air Force Reserve, Robins AFB, Ga.
- IMA Readiness Group, Robins AFB, Ga.
- Readiness Management Group, Robins AFB, Ga.

4th Air Force, March Air Reserve Base, Calif.

- 349th Air Mobility Wing, Travis AFB, Calif. (C-5A, C-17, KC-10A)
- 433rd Airlift Wing, Lackland AFB, Texas (C-5A)
- 434th Air Refueling Wing, Grissom ARB, Ind. (KC-135R)
- 445th Airlift Wing, Wright-Patterson AFB, Ohio (C-5A)
- 446th Airlift Wing, Joint Base Lewis-McChord, Wash. (C-17A)
- 452nd Air Mobility Wing, March ARB, Calif. (C-17, KC-135R, C-5A)
- 459th Air Refueling Wing, Joint Base Andrews, Md. (KC-135R)
- 507th Air Refueling Wing, Tinker AFB, Okla. (KC-135R)
 - Subordinate flight located in Oklahoma (C-29A)
- 604th Regional Support Group, March ARB, Calif.
- 624th Regional Support Group, Hickam AFB, Hawaii

- 916th Air Refueling Wing, Seymour Johnson AFB, N.C. (KC-135R)
- 927th Air Refueling Wing, MacDill AFB, Fla. (KC-135R)
- 931st Air Refueling Group, McConnell AFB, Kan. (KC-135R)
- 932nd Airlift Wing, Scott AFB, Ill. (C-9A, C-40C)

10th Air Force, Naval Air Station Joint Reserve Base, Fort Worth, Texas

- 44th Fighter Squadron, Davis-Monthan AFB, Ariz. (A-10A)
- 301st Fighter Wing, NAS JRB Fort Worth, Texas (F-16C/D)
- 301st Fighter Squadron, Holloman AFB, N.M. (F-22A)
- 307th Fighter Squadron, Langley AFB, Va. (F-15, F-16)
- 310th Space Wing, Schriever AFB, Colo. (DSP, GPS, DMSP, SMIRS, satellites)
- 340th Flying Training Group, Randolph AFB, Texas (T-1, T-38, AT-38)
 - Subordinate squadrons located at Moody AFB, Ga. (A-10); Vance AFB, Okla. (T-1, T-6, T-38); Columbus AFB, Miss. (T-1, T-6, T-37, T-38); Laughlin AFB, Texas (T-1, T-6, T-38); Sheppard AFB, Texas (T-38)
- 419th Fighter Wing, Hill AFB, Utah (F-16C/D)
- 442nd Fighter Wing, Whiteman AFB, Mo. (A-10A)
- 476th Fighter Group, Moody AFB, Ga. (A-10A)
- 477th Fighter Group, Elmendorf AFB, Alaska (F-22A)
- 482nd Fighter Wing, Homestead ARB, Fla. (F-16C/D)
- 610th Regional Support Group, Carswell AFB, Texas
- 917th Wing, Barksdale AFB, La. (A-10A, B-52H)
- 919th Special Operations Wing, Duke Field, Fla. (MC-130E)
- 920th Rescue Wing, Patrick AFB, Fla. (HH-60G, HC-130N/P)
- 926th Group, Nellis AFB, Nev. (F-15, F-16, F-22, MQ-1, MQ-9)
 - subordinate squadron located at Creech AFB, Nev.
- 943rd Rescue Group, Davis-Monthan AFB, Ariz. (HH-60G)
 - Subordinate squadron at Portland IAP, Ore.
- 944th Fighter Wing, Luke AFB, Ariz. (F-16C/D)
- 513th Air Control Group, Tinker AFB, Okla. (E-3A)
- 940th Wing, Beale AFB, Calif. (RQ-4, DGS-2)
 - 13th Reconnaissance Squadron, Beale AFB, Calif. (RQ-4)
 - 50th Intelligence Squadron, Beale AFB, Calif. (DGS-2)

22nd Air Force, Dobbins ARB, Ga.

- 94th Airlift Wing, Dobbins ARB, Ga. (C-130H)
- 302nd Airlift Wing, Peterson AFB, Colo. (C-130H)
 - 70th Flight Training Squadron, U.S. Air Force Academy, Colo. (DA-20)
- 315th Airlift Wing, Charleston AFB, S.C. (C-17A)
- 403rd Wing, Keesler AFB, Miss. (WC-130J, C-130J)
- 413th Flight Test Group, Robins AFB, Ga. (C-130, F-15)
- 439th Airlift Wing, Westover ARB, Mass. (C-5B)
- 440th Airlift Wing, Pope AFB, N.C. (C-130H)
- 512th Airlift Wing, Dover AFB, Del. (C-5B, C-17)
- 514th Air Mobility Wing, McGuire AFB, N.J. (KC-10A, C-17A)
 - 622nd Regional Support Group, Dobbins ARB, Ga.
 - 908th Airlift Wing, Maxwell AFB, Ala. (C-130H)
 - 910th Airlift Wing, Youngstown ARS, Ohio (C-130H)
 - 911th Airlift Wing, Pittsburgh IAP/ARS, Pa. (C-130H)
 - 914th Airlift Wing, Niagara Falls IAP/ARS, N.Y. (C-130H)
 - 934th Airlift Wing, Minneapolis-St. Paul ARS, Minn. (C-130H)

AIR NATIONAL GUARD



Director: **Lt. Gen. Harry M. Wyatt III**
 Command Chief Master Sgt.: **Chief Master Sgt. Christopher E. Muncie**
 Headquarters: **Arlington, Va.**
 Web address: **www.ang.af.mil**

photo by Master Sgt. Shane A. Cuomo



Tech. Sgt. Aaron Avery prepares to release pallets of relief supplies from a C-17 Globemaster III cargo aircraft for a humanitarian air delivery over Haiti. The C-17 and crew conducted the first humanitarian air delivery flown in support of Operation Unified Response.

Federal Mission

Maintains well-trained, well-equipped units available for prompt utilization. Enforces federal authority, suppresses insurrection and defends the nation when called to federal service by the president, Congress or both. Units augment the Air Force in operations and exercises worldwide by direction of the chief of the National Guard Bureau, Air Staff, major commands, or joint or unified commands.

State Mission

Provides assistance during emergencies such as natural disasters and civil disturbances when required by the governor. Under state law, provides protection of life and property, and preserves peace, order and public safety. Commanded by the governors of the 50 states, Puerto Rico, Guam, the Virgin Islands and the commanding general of the District of Columbia. Each governor is represented in the state or territory chain of command by an adjutant general through a joint forces headquarters. The ANG Readiness Center is a field operating agency at Joint Base Andrews, Md.

People

Officers 14,313
 Enlisted 94,753

Total 109,066

Flying Activity

It provides 100 percent of the interceptor, 64 percent of the air traffic control, 49 percent of the tactical airlift, 45 percent of the KC-135 refueling capability, 32 percent of the general purpose fighter force, 23 percent of the rescue and recovery capability, 16 percent of tactical air support, 15 percent of the weather flight, 11 percent of the strategic airlift capability and 6 percent of the Air Force's special operations capability.

Support Activity

It provides 100 percent of the aircraft control and warning forces, 80 percent of combat communication, 74 percent of the installation engineering capability, 68 percent of the air control support forces, 49 percent of the civil engineering forces, 38 percent of the security forces, 96 percent of the mobile airborne fire fighting system forces and 14 percent of aerial port operations capability.

Air Combat Command

- I 102nd Intelligence Wing, Otis ANGB, Mass.
- I 104th FW, Barnes ANG MAP, Mass. (F-15C/D)
- I 106th RQW, Francis S. Gabreski Airport, N.Y. (HH-60G, HC-130P)
- I 111th FW, NAS JRB Willow Grove, Pa. (A-10)
- I 113th WG, Joint Base Andrews, Md. (C-38A, F-16C/D, C-40C)
- I 114th FW, Joe Foss Field MAP, S.D. (F-16C/D)
- I 115th FW, Truax Field, Wis. (F-16C/D, RC-26B)
- I 116th ACW, Robins AFB, Ga. (E-8C)
- I 119th WG, Hector IAP, N.D. (MQ-1, C-21)
- I 120th FW, Great Falls IAP, Mont. (F-15C/D)
- I 122nd FW, Fort Wayne ANGB, Ind. (F-16C)
- I 124th WG, Boise Air Terminal (Gowan Field), Idaho (A-10)
- I 125th FW, Jacksonville IAP, Fla. (F-15C/D, RC-26)
- I 127th WG, Selfridge ANGB, Mich. (A-10, KC-135R)
- I 129th RQW, Moffett Field, Calif. (HH-60G, MC-130P/N)
- I 131st FW, Whiteman AFB, Mo. (B-2 associate)
- I 132nd FW, Des Moines IAP, Iowa (F-16C/D)
- I 138th FW, Tulsa IAP, Okla. (F-16C/D)
- I 140th WG, Buckley AFB, Colo. (C-21, F-16C/D)
- I 142nd FW, Portland IAP, Ore. (F-15C/D)
- I 144th FW, Fresno Yosemite IAP, Calif. (F-16C, RC-26B)
- I 147th RW, Ellington Field, Texas (RC-26B, MQ-1)
- I 148th FW, Duluth IAP, Minn. (F-16C/D)
- I 150th FW, Kirtland AFB, N.M. (F-16C/D, RC-26B)
- I 156th AW, Muñiz ANGB, Puerto Rico (C-130E)
- I 158th FW, Burlington IAP, Vt. (F-16C/D)
- I 163rd RW, March JARB, Calif. (MQ-1)
- I 169th FW, McEntire ANGS, S.C. (F-16C/D)
- I 174th FW, Hancock Field, N.Y. (RC-26B)
- I 175th WG, Warfield ANGB, Md. (A-10A/C)
- I 177th FW, Atlantic City IAP, N.J. (F-16C/D)
- I 180th FW, Toledo Express Airport, Ohio (F-16C/D)
- I 181st IW, Terre Haute IAP, Ind.
- I 183rd FW, Lincoln Capital MAP, Ill. (F-16C/D)
- I 187th FW, Montgomery Regional Airport, Ala. (F-16C/D, RC-26B)
- I 188th FW, Fort Smith MAP, Ark. (A-10C)
- I 192nd FW, Langley AFB, Va. (F-22 associate)

Air Education and Training Command

- I 118th AW, Nashville IAP, Tenn. (W/C-130H)
- I 149th FW (FTU), Lackland AFB, Texas (F-16C/D)
- I 162nd FW (FTU), Tucson IAP, Ariz. (F-16A/B/C/D, RC-26B)
- I 173rd FW (FTU), Klamath Falls Airport-Kingsley Field, Ore. (F-15A/B/C)
- I 189th AW (FTU), Little Rock AFB, Ark. (C-130E)
- I 178th FW (FTU), Springfield-Beckley MAP, Ohio (F-16C/D)

Air Force Special Operations Command

- I 125th Special Tactics Squadron, Portland IAP, Ore.
- I 193rd SOW, Harrisburg IAP, Pa. (EC-130J)
- I 209th Civil Engineer Squadron, Gulfport, Miss.
- I 227th Special Operations Flight, McGuire AFB, N.J., (C-32B)
- I 280th Combat Communications Squadron, Dothan, Ala.

Air Mobility Command

- I 101st ARW, Bangor IAP, Maine (KC-135R)
- I 103rd WG, Bradley ANGB, Conn. (C-21)
- I 105th AW, Stewart IAP, N.Y. (C-5A)
- I 107th AW, Niagara Falls JARS, N.Y. (C-130H associate)
- I 108th ARW, McGuire AFB, N.J. (KC-135E/R)
- I 109th AW, Schenectady MAP, N.Y. (C-130H, LC-130H)
- I 117th ARW, Birmingham IAP, Ala. (KC-135R)
- I 121st ARW, Rickenbacker IAP, Ohio (KC-135R)
- I 123rd AW, Louisville IAP Standiford Field, Ky. (C-130H)

- I 126th ARW, Scott AFB, Ill. (KC-135E/R)
- I 127th AG, Selfridge ANGB, Mich. (KC-135R)
- I 128th ARW, General Mitchell IAP, Wis. (KC-135R)
- I 130th AW, Yeager Airport, W.Va. (C-130H, RC-26B)
- I 133rd AW, Minneapolis-St. Paul JARS, Minn. (C-130H)
- I 134th ARW, McGhee Tyson Airport, Tenn. (KC-135R)
- I 135th AG, Martin State Airport, Md. (C-130J)
- I 136th AW, NAS JRB Fort Worth, Texas (C-130H)
- I 137th AW, Will Rogers World Airport, Okla. (KC-135R associate)
- I 139th AW, Rosencrans Memorial Airport, Mo. (C-130H)
- I 141st ARW, Fairchild AFB, Wash. (KC-135R associate, RC-26B)
- I 143rd AW, Quonset State Airport, R.I. (C-130J)
- I 145th AW, Charlotte/Douglas IAP, N.C. (C-130H)
- I 146th AW, Channel Islands ANGS, Calif. (C-130J)
- I 151st ARW, Utah ANGB, Salt Lake City (KC-135R)
- I 152nd AW, Reno-Tahoe IAP, Nev. (C-130H)
- I 153rd AW, Cheyenne MAP, Wyo. (C-130H)
- I 155th ARW, Lincoln MAP, Neb. (KC-135R)
- I 157th ARW, Pease International Tradeport ANGS, N.H. (KC-135R)
- I 161st ARW, Phoenix-Sky Harbor IAP, Ariz. (KC-135R)
- I 164th AW, Memphis IAP, Tenn. (C-5A)
- I 165th AW, Savannah IAP, Ga. (C-130H)
- I 166th AW, New Castle County ANGB, Del. (C-130H)
- I 167th AW, Eastern West Virginia Regional Airport (Shepherd Field), W.Va. (C-5A)
- I 171st ARW, Pittsburgh IAP (KC-135R)
- I 172nd AW, Jackson IAP, Miss. (C-17)
- I 179th AW, Mansfield Lahm Airport, Ohio (C-130H)
- I 182nd AW, Greater Peoria Regional Airport, Ill. (C-130H)
- I 184th IW, McConnell AFB, Kansas
- I 185th ARW, Sioux Gateway Airport (Col. Bud Day Field), Iowa (KC-135R)
- I 186th ARW, Key Field, Miss. (KC-135R, RC-26B)
- I 190th ARW, Forbes Field, Kansas (KC-135R)

Pacific Air Forces

- I 154th WG, Hickam AFB, Hawaii (F-15A/B, KC-135R)
- I 168th ARW, Eielson AFB, Alaska (KC-135R)
- I 176th WG, Kulis ANGB, Alaska (C-130H, HC-130N, HH-60G)

ABBREVIATION KEY:

ABW:	Air Base Wing
ABG:	Air Base Group
ACW:	Air Control Wing
AEG:	Air Expeditionary Group
AFB:	Air Force Base
AG:	Airlift Group
ANGB:	Air National Guard Base
ANGS:	Air National Guard Station
ARS:	Air Reserve Station
ARW:	Air Refueling Wing
AW:	Airlift Wing
AWF:	Air Weather Flight
CSW:	Combat Support Wing
FTU:	Formal Training Unit
FW:	Fighter Wing
IAP:	International Airport
JARB:	Joint Air Reserve Base
JARS:	Joint Air Reserve Station
MAP:	Municipal Airport
NAS JRB:	Naval Air Station Joint Reserve Base
RQW:	Rescue Wing
RW:	Reconnaissance Wing
SOW:	Special Operations Wing
WG:	Wing

AIR FORCE SPACE COMMAND



Commander: **Gen. C. Robert Kehler**
 Command Chief Master Sgt.: **Chief Master Sgt. Richard T. Small**
 Headquarters: **Peterson AFB, Colo.**
 Web address: **www.afspc.af.mil**

photo by Joe Davila



A ground-based interceptor lifts off from Vandenberg Air Force Base. The launch, designated FTG-05, was a test of the Ground-based Midcourse Defense element of the Ballistic Missile Defense System. The missile successfully intercepted a long-range target launched from Kodiak, Alaska.

Responsibilities

Air Force Space Command is responsible for organizing, equipping, training and maintaining mission-ready space and cyberspace forces and capabilities for North American Aerospace Defense Command, U.S. Strategic Command and other combatant commands around the world. AFSPC oversees Air Force network operations to provide capabilities in, through, and from cyberspace; manages a global network of satellite command and control and communications, and is responsible for space system development and acquisition. It places high-value satellites in space with a variety of expendable launch systems and operates them to provide space capabilities to support combatant commanders around the clock. It provides navigation, communications, ballistic missile warning, weather and intelligence warfighting support.

AFSPC operates sensors that provide direct attack warning and assessments to U.S. Strategic Command and North American Aerospace Defense Command.

The command develops, acquires, fields and sustains the Air Force Satellite Control Network, Upgraded Early Warning Radar System, Defense Satellite Communications System, Wideband Global SATCOM Satellite, Defense Support Program, Space Based Infrared Systems, Global Positioning System, Milstar, Advanced Extremely High Frequency Satellite, Ground-Based Electro-Optical Deep Space Surveillance System, PAVE Phased Array Warning System radar, Delta IV and Atlas V.

People

Active duty	13,460
<i>Officers</i>	4,020
<i>Enlisted</i>	9,440
AFRC	2,368
ANG	10,100
Civilians	7,815
Contract Employees	13,120
Total	46,863

Organization

14th Air Force, Air Forces Strategic-Space, Vandenberg AFB, Calif.

- 21st Space Wing, Peterson AFB, Colo. (missile warning and space control)
- 30th Space Wing, Vandenberg AFB, Calif. (space launch, space and ICBM test support)
- 45th Space Wing, Patrick AFB, Fla. (space launch and shuttle support)
- 50th Space Wing, Schriever AFB, Colo. (satellite command and control)
- 460th Space Wing, Buckley AFB, Colo. (missile warning and global surveillance)

24th Air Force, Lackland AFB, Texas

- 67th Network Warfare Wing, Lackland AFB, Texas
- 688th Information Operations Wing, Lackland AFB, Texas
- 689th Combat Communications Wing, Robins AFB, Ga.

Space Innovation and Development Center, Schriever AFB, Colo. (testing, training and tactics development)

Space and Missile Systems Center, Los Angeles AFB, Calif.

- Military Satellite Communication Systems Wing
- Global Positioning Systems Wing
- Space Based Infrared Systems Wing
- Launch and Range Systems Wing
- Space Superiority Systems Wing
- 61st Air Base Wing
- Space Development and Test Wing (Kirtland AFB, N.M.)
- Defense Meteorological Satellite Program Systems Group

photo by Airman 1st Class Andrew Lee



2nd Lt. Melissa Huffman, a collections analyst for 614th Air and Space Operations Center, reviews data received on the Delta II site. The purpose of Joint Space Operations Center, or JSpOC, is to provide a focal point for the operational employment of worldwide joint space forces, and enable the commander of Joint Functional Component Command for Space to integrate space power into global military operations.

Source: Air Force Space Command Public Affairs Office



photo by Capt. Genieve David



Capt. Veronica Valerio, from the 18th Wing, Kadena Air Base, Japan, explains emergency response techniques with a mannequin patient to several Indian air force medics during a U.S. Air Force combat casualty demonstration at Cope India at Air Force Station Agra, India. Cope India is a United States and India airlift exercise that provides training for humanitarian assistance and disaster relief operations.

Mission

Provide Pacific Command integrated expeditionary Air Force capabilities to defend the homeland, promote stability, dissuade/deter aggression, and swiftly defeat enemies.

Responsibilities

Organizes, trains, equips and maintains resources prepared to conduct a broad spectrum of air operations -- from humanitarian relief to decisive combat employment -- in the Department of Defense's largest area of responsibility. Conducts multinational exercises and hosts international exchange events to foster partnerships for regional security and stability in an area covering 13 time zones and 100 million square miles, with 60 percent of the world's population, one-third of the world's economic activity and five of the six largest armed forces.

People

Active duty	29,300
<i>Officers</i>	3,800
<i>Enlisted</i>	25,500
AFRC	1,300
ANG	4,900
Civilians	8,000
Total	43,500

Organization

5th Air Force, Yokota AB, Japan

- █ 18th Wing, Kadena AB, Japan (E-3B/C, F-15C/D, HH-60G and KC-135R/T)
- █ 35th Fighter Wing, Misawa AB, Japan (F-16CM)
- █ 374th Airlift Wing, Yokota AB, Japan (C-12J, C-130H, UH-1N)

7th Air Force, Osan AB, South Korea

- █ 8th Fighter Wing, Kunsan AB, South Korea (F-16C/D)
- █ 51st Fighter Wing, Osan AB, South Korea (A-10, F-16C/D)

11th Air Force, Elmendorf AFB, Alaska

- █ 3rd Wing, Elmendorf AFB, Alaska (C-12F, C-17, F-15C/D, F-22)
- █ 354th Fighter Wing, Eielson AFB, Alaska (F-16C/D)

13th Air Force, Hickam AFB, Hawaii

- █ 613th Air and Space Operations Center
- █ 613th Support Group
- █ 15th Airlift Wing, Hickam AFB, Hawaii (C-37, C-40, C-17)
 - █ Det. 1, Wake Island
- █ 36th Wing, Andersen AFB, Guam (continuous bomber presence and other rotational aircraft)
- █ 1st Air Support Operations Group, Fort Lewis, Wash.
- █ 692nd Intelligence Surveillance and Reconnaissance Group, Hickam AFB, Hawaii
- █ 13th AF, Det. 1 Yokota AB, Japan

Source: Pacific Air Force Public Affairs Office

U.S. AIR FORCES IN EUROPE



Commander: **Gen. Roger A. Brady**
 Command Chief Master Sgt.: **Chief Master Sgt. Pamela A. Derrow**
 Headquarters: **Ramstein Air Base, Germany**
 Web address: **www.usafe.af.mil**

photo by Master Sgt. Scott Wagers



This C-17 is part of a first-of-its-kind multinational Heavy Airlift Wing at Papa Air Base, Hungary. The organization will provide strategic airlift worldwide for humanitarian, disaster relief and peacekeeping missions in support of the European Union, United Nations and NATO.

Mission

U.S. Air Forces in Europe executes the U.S. European Command mission with forward-based air power to provide forces for global operations, ensure strategic access, assure allies, deter aggression and build partnerships.

Responsibilities

Build and maintain partnerships, promote regional stability, provide forces for global operations, support combatant command missions, develop and care for Airmen and their families, sustain forward-based infrastructure, ensure strategic access to U.S. forces, assure allies and deter aggression.

People

Active duty	25,667
<i>Officers</i>	3,251
<i>Enlisted</i>	22,416
AFRC	197
ANG	4
Civilians	10,723
Total	36,591

Organization

3rd Air Force, Ramstein AB, Germany

- 31st Fighter Wing, Aviano AB, Italy (F-16)
- 39th Air Base Wing, Incirlik AB, Turkey (rotational aircraft)
- 48th Fighter Wing, RAF Lakenheath, England (F-15C/E, HH-60G)
- 52nd Fighter Wing, Spangdahlem AB, Germany (A-10, F-16)
- 65th Air Base Wing, Lajes Field, Azores
- 86th Airlift Wing, Ramstein AB, Germany (C-20, C-21, C-37, C-40, C-130E/J)
- 100th ARW, RAF Mildenhall, England (KC-135R)
- 435th Air Ground Operations Wing, Ramstein AB, Germany
- 501st Combat Support Wing, RAF Alconbury England
- 603rd Air and Space Operations Center, Ramstein AB, Germany
- 603rd Support Group, Ramstein AB, Germany (direct report to 3rd AF)
- 401st AEG, Ramstein AB, Germany (direct report to 3rd AF)

17th Air Force (U.S. Air Forces Africa) Ramstein AB, Germany

- 617th Air and Space Operations Center, Ramstein AB, Germany (direct report to 17th AF)

Source: U.S. Air Forces in Europe Public Affairs Office

AIR FORCE SPECIAL OPERATIONS COMMAND



Commander: **Lt. Gen. Donald C. Wurster**
 Headquarters: **Hurlburt Field, Fla.**
 Command Chief Master Sgt.: **Chief Master Sgt. Michael P. Gilbert**
 Web address: **www.afsoc.af.mil**

photo by Chief Master Sgt. Gary Emery



Air Force special tactics Airmen practice fast-roping from a CV-22 Osprey at Hurlburt Field, Fla. The Osprey is flown by the 8th Special Operations Squadron at Hurlburt.

Mission

Air Force Special Operations Command is America's specialized air power — a step ahead in a changing world, delivering special operations power anytime, anywhere.

Responsibilities

Responsible to U.S. Special Operations Command for the readiness of Air Force special operations forces to conduct the war on terrorism and to disrupt, defeat and destroy terrorist networks that threaten the United States, its citizens and interests worldwide. The command's mission areas include shaping and stability operations; battlefield air operations; information operations; intelligence, surveillance and reconnaissance; specialized air and space mobility; precision engagement and agile combat support.

People

Active duty	12,246
<i>Officers</i>	2,284
<i>Enlisted</i>	9,962
AFRC	1,334
ANG	1,499
Civilians	1,516
Total	16,595

Organization

23rd Air Force, Hurlburt Field, Fla.

- 1st Special Operations Wing, Hurlburt Field, Fla. (AC-130U, CV-22, MC-130H/P)
- 27th Special Operations Wing, Cannon AFB, N.M. (MC-130W, MQ-1, AC-130H)
- 352nd Special Operations Group, RAF Mildenhall, U.K. (MC-130H, MC-130P)
- 353rd Special Operations Group, Kadena AB, Japan (MC-130H, MC-130P)
- 720th Special Tactics Group, Hurlburt Field, Fla.
- Air Force Special Operations Training Center, Hurlburt Field, Fla.

Source: Air Force Special Operations Command Public Affairs Office

AIR FORCE GLOBAL STRIKE COMMAND



Commander: **Lt. Gen. Frank G. Klotz**
Command Chief Master Sgt.: **Chief Master Sgt. Jack Johnson Jr.**
Headquarters: **Barksdale AFB, La.**
Web address: **www.afgsc.af.mil**

photo by Staff Sgt Samuel Rogers



A B-2 Spirit and B-52 Stratofortress fly in formation over Shreveport, La. The two airframes became part of the Air Force Global Strike Command's strategic nuclear deterrent forces Feb. 1. The command has three bomb wings, flying the B-2 at Whiteman AFB, Mo., and the B-52 at Barksdale AFB, La., and Minot AFB, ND.

photo by Joe Davila



A Minuteman III intercontinental ballistic missile launches from Vandenberg Air Force Base, Calif. The missile was configured with a National Nuclear Security Administration test assembly in which a single unarmed re-entry vehicle traveled approximately 4,190 miles to its pre-determined targets near the Kwajalein Atoll in the Marshall Islands.

Mission

Develop and provide combat-ready forces for nuclear deterrence and global strike operations ...

- Safe
- Secure
- Credible

to support the President of the United States and combatant commanders.

Responsibilities

The activation of Air Force Global Strike Command is part of a broader, comprehensive strategy the Air Force is undertaking to ensure the Air Force has the proper focus on its critical missions that provide nuclear deterrence and global strike forces for the combatant commander, the joint team and allies.

The ICBM mission transfer Dec. 1 added approximately 8,000 personnel and stewardship of 450 Minuteman III missiles located at F. E. Warren AFB, Wyo., Malmstrom AFB, Mont., and Minot AFB, N.D., to the command. Feb. 1, the nuclear-capable bomber mission transfer added another 12,000 people and three bomb wings, flying both B-2 Spirits (at Whiteman AFB, Mo.) and B-52 Stratofortresses (at Barksdale AFB, La., and Minot AFB).

The command continues toward obtaining full operational capability, and by summer 2010, it will have approximately 900 people at the headquarters and more than 20,000 across six wings at five installations, plus two geographically separated squadrons. Those two squadrons are the 576th Flight Test Squadron at Vandenberg AFB, Calif., for the ICBM test, and the 625th Strategic Operations Squadron at Offutt AFB, Neb., for targeting analysis.

AFGSC officials also will assume lead command responsibility for the UH-1N Huey helicopter, with a focus on replacing the platform with one more suitable to the post-9/11 requirements of providing security to the fielded ICBM force. Air Force Global Strike Command provides the land-based and airborne portion of the nation's strategic nuclear deterrent forces.

People

Total: Approximately 20,000 as of Feb. 1.

Organization

20th Air Force, F.E. Warren AFB, Wyo.

- 341st Missile Wing, Malmstrom AFB, Mont. (Minuteman III ICBMs, UH-1N)
- 91st Missile Wing, Minot AFB, N.D. (Minuteman III ICBMs, UH-1N)
- 90th Missile Wing, F.E. Warren AFB, Wyo. (Minuteman III ICBMs, UH-1N)

8th Air Force, Barksdale AFB, La.

- 5th Bomb Wing, Minot AFB, N.D. (B-52H)
- 2nd Bomb Wing, Barksdale AFB, La. (B-52H)
- 509th Bomb Wing, Whiteman AFB, Mo. (B-2)

ORGANIZATIONS DIRECT REPORTING UNITS

photo by Master Sgt. Scott Reed



U.S. Air Force Academy basic cadets practice the low crawl prior to the bayonet assault course. Ten squadrons of 1,280 cadets are participating in the field portion of Basic Cadet Training held at Jacks Valley on the U.S. Air Force Academy, Colorado Springs, Colo. The training, which tests the cadets' stamina and determination, includes M-16 weapons training, obstacle and confidence courses, drill instruction and evaluation and leadership response courses.

U.S. Air Force Academy

Superintendent: **Lt. Gen. Michael C. Gould**

Headquarters: **Colorado Springs, Colo.**

Web address: www.usafa.edu or www.usafa.af.mil

Mission

To educate, train and inspire men and women to become officers of character motivated to lead the Air Force in service to the nation.

Vision

The U.S. Air Force Academy ... the Air Force's premier institution for developing leaders of character.

People

Active Duty	1,724
<i>Officer</i>	899
<i>Enlisted</i>	825
AFRC	80
Cadets	4,568
<i>Men</i>	3,656
<i>Women</i>	912
Civilians	2,100
(including NAF civilian employees)	
Total	8,472

Source: Direct Reporting Units

Aircraft

T-51 (C-150) Cadet Flying Team aircraft, Piper Super Cub tow plane, TG-10B basic sail plane trainer, TG-10C aerobatic sailplane trainer, TG-15 A/B advanced cross-country glider, T-41D (C-172) TACAV and flight test aircraft, UV-18B parachuting jump plane.

Air Force District of Washington

Commander: **Maj. Gen. Darrell D. Jones**

Headquarters: **Joint Base Andrews, Md.**

Web address: www.afdw.af.mil

Mission

The Air Force District of Washington is the single voice for planning and implementing Air Force and joint solutions within the National Capital Region. It accomplishes this by providing superior service always, defense support to civil authorities when asked, and effective contingency response when needed.

The AFDW organizes, trains, equips and provides forces for air and space expeditionary force deployment, homeland defense operations in support to civilian authorities, and ceremonial support within the capital region and worldwide. The district executes specified Air Force responsibilities for administration and support of Air Force headquarters and

assigned units and more than 40,000 Airmen worldwide. AFDW organizations include the 11th Wing at Bolling AFB, D.C.; and the 79th Medical Wing, 316th Wing and 844th Communications Group at Joint Base Andrews, Md. Its specialized units include the U.S. Air Force Band and the U.S. Air Force Honor Guard.

People

Active duty	4,141
<i>Officers</i>	694
<i>Enlisted</i>	3,447

Civilians	1,738
Appropriated Fund Civilians	1,334
Non-appropriated Fund Civilians	404

Total

Air Force Operational Test and Evaluation Center

Commander: **Maj. Gen. Stephen T. Sargeant**

Headquarters: **Kirtland AFB, N.M.**

Web address: www.afotec.af.mil

Mission

Test and evaluate new weapon system capabilities in operationally realistic battlespace environments to provide fact-based, decision-quality data to inform decision makers on a range of accurate, balanced, and timely assessments of effectiveness, suitability, and mission capability. From concept development to system fielding, AFOTEC maintains an operational focus ensuring our Airmen, and often joint and coalition partners, receive the capabilities required to complete their missions more effectively and with less risk.

People

Active duty	388
<i>Officers</i>	259
<i>Enlisted</i>	129

Civilians	157
Contractor	155

Total

CIVIL AIR PATROL



National Commander: **Maj. Gen. Amy S. Courter**

Headquarters: **Maxwell AFB, Ala.**

Web address: www.gocivilairpatrol.com

U.S. Air Force Photo



Civil Air Patrol Cadet Staff Sgts. Cody Everett, left, of the Michigan Wing, and Corey King, of the Florida Wing, get a bird's-eye view from the tail of a KC-135 Stratotanker during a live refueling mission.

Source: Civil Air Patrol Public Affairs Office

Mission

Provide vital operational capabilities in support of aerial and ground search and rescue, disaster relief, a nationwide communications network, and counterdrug and homeland security missions.

Responsibilities

It conducts 90 percent of all inland search-and-rescue missions tasked by the Air Force Rescue Coordination Center at Tyndall AFB, Fla. It builds strong citizens for the future by providing leadership training, technical education, scholarships and career education to young men and women, ages 12 to 21, in the CAP Cadet Program. It promotes and supports aerospace education, both for its members and the general public, and conducts a national school enrichment program at the middle- and high-school levels.

People

Headquarters staff

Volunteers	
Senior members	34,736
Cadets	23,233

Total

Equipment

550 single-engine, piston aircraft
62 gliders
900 vehicles
Communication equipment

FIELD OPERATING AGENCIES

photo by Capt. James H. Cunningham



Maintainers from the 41st Expeditionary Electronic Combat Squadron watch as an EC-130H Compass Call starts its engines before a combat sortie at an air base in Southwest Asia.

Air Force Agency for Modeling and Simulation, Orlando, Fla.:

The agency implements Air Force modeling and simulation policy and integrates realistic and cost-effective simulations to support operations, planning, training, education, experimentation, analysis, acquisition and testing – ensuring the appropriate representation of air, space and cyberspace in Air Force models and simulation. The agency orchestrates and provides Air Force simulation support for service, joint, interagency and coalition training events and mission rehearsals; assures currency of simulations to support new warfighting concepts, roles and missions; implements high-level architectures and standards in support of live, virtual and constructive integration; and ensures Airmen develop and maintain appropriate modeling and simulation skills and knowledge.

www.afams.af.mil

Air Force Audit Agency, Washington, D.C.:

The agency provides all levels of Air Force management with independent, objective and quality audit services that include reviewing and promoting economy, effectiveness and efficiency of operations, evaluating programs and activities and assisting management in achieving intended results, and assessing and improving Air Force fiduciary stewardship and the accuracy of financial reporting.

www.afaaf.af.mil

Air Force Center for Engineering and the Environment, San Antonio, Texas:

It manages Air Force military construction, military housing and environmental restoration programs. AFCEE also oversees military family housing privatization by maintaining an extensive housing portfolio and training base asset managers. With more than 500 civilians and 48 military professionals, center employees specialize in archeology, architecture, chemistry, engineering, geology, planning and toxicology. Three regional environmental offices serve as advocates for the Air Force. Two overseas branches are located at Ramstein Air Base, Germany, and Hickam Air Force Base, Hawaii. Contractor partners augment the center's in-house staff. Many of these

contractors are the nation's most respected private firms. The center's multi-billion dollar contracting capacity covers the entire range of environmental and construction management services that take place worldwide.

www.afcee.af.mil

Air Force Civil Engineer Support Agency, Tyndall AFB, Fla.:

It provides the best tools, practices and professional support to maximize Air Force civil engineer capabilities in base and contingency operations worldwide. AFCESA includes world-class technicians and professionals who provide expertise in three core competencies: readiness, operations, and energy. These experts develop and advise on more than 300 design, construction, and operations and maintenance standards as well as criteria for facility and infrastructure systems. The agency is home to the Air Force's airfield pavements evaluation team, which travels the globe to evaluate the strength, performance and condition of airfields to ensure flight operations can be conducted safely. The Facility Energy Center manages the Air Force's facility energy program and helps make the Air Force one of the leading purchasers of renewable energy in the world. The agency is a repository of civil engineering knowledge, much of which can be accessed through the Web site or through specialists in the Reach-Back Center.

www.afcesa.af.mil

Air Force Cost Analysis Agency, Arlington, Va.:

AFCAA's mission is to support the Air Force by conducting independent component cost analyses, special cost reviews and cost analysis research and development for major space, aircraft and information system programs as required by public law and Department of Defense policy, or those of special interest. AFCAA is responsible for cost estimating and for enhancing the state-of-the-art in cost analysis. It provides guidance, analytical support and quantitative risk analyses to 10 major commands and the Air Force corporate staff on development of cost per flying-hour factors and resource

requirements. AFCAA performs special studies supporting long-range planning, force structure, analysis of alternatives and life-cycle cost analyses.

Air Force Flight Standards Agency,

Oklahoma City: AFFSA consistently increases the effectiveness and combat capability of Air Force global air operations by ensuring access to worldwide airspace in all weather conditions. The agency provides accurate, relevant and timely flight information and support services to DoD, national and coalition aviators. AFFSA establishes U.S. Air Force flight rules, standards and policy; ensures congruity with DoD, Joint, Federal Aviation Administration, NATO and ICAO standards. AFFSA develops, revises, coordinates and ensures joint interoperability of global Air Force visual/instrument flight procedures. AFFSA acts as lead command for the creation and application of criteria, procedures, and precision equipment for worldwide instrument flight operations, air traffic control, airfield management, and air traffic control and landing systems for the Air Force. The agency evaluates and leverages emerging technologies to ensure unrestricted access to domestic and international airspace. It partners with FAA, sister services, major commands, coalition partners and host nations to maintain the consistency and accuracy of more than 81 airfields, 1,092 navigation systems and 8,214 instrument approach procedures worldwide. It performs combat flight inspections, oversees the Air Force airfield operations standardization program and administers and instructs the Air Force Advanced Instrument School.

Air Force Frequency Management Agency,

Alexandria, Va.: The agency plans, provides and preserves access to the electromagnetic spectrum for Air Force and selected Department of Defense activities in support of national policy objectives, systems development and global operations. It develops and implements spectrum guidelines and instructions to support the Air Force mission. AFFMA coordinates actions to resolve spectrum interference incidents involving DoD, private sector and federal users. The agency represents, advocates and defends Air Force interests in spectrum management matters on DoD, national and international forums. The agency accesses satellites internationally. It obtains certification and frequency licenses to operate satellites, land mobile radios, emergency radio systems (air-to-ground and air-to-air), radars, weapon guidance systems and all capabilities that are spectrum-dependent. It provides functional management for the spectrum management career field.

Air Force Global Cyberspace Integration

Center, Langley AFB, Va.: The center's mission is to lead the U.S. Air Force innovation, integration, and standardization of current and future command and control (C2) systems to enable decision superiority. Combatant commanders, Service C2 warfighter challenges, shortfalls, lessons learned, and technology opportunities drive GCIC's efforts. Key deliverables include refined requirements, operational prototypes, architecture products, standards and capability assessments.

www.gcic.af.mil

Source: Field Operating Agencies

FIELD OPERATING AGENCIES CONTINUED

Air Force Historical Research Agency,

Maxwell AFB, Ala.: The agency is the Air Force's historical resource for the study, promotion and execution of airpower. It records and disseminates Air Force history to enable decision makers and planners to formulate strategy, plans and doctrine to conduct operations. AFHRA informs the public about the role of the Air Force and airpower in national security. It archives more than 100 million pages of historical documents. The agency responds to inquiries for historical data and provides research facilities for official researchers and the public. It drafts and updates official lineage and honors of Air Force organizations and records their heritage. AFHRS approves and maintains records of official Air Force organizational emblems. It researches and maintains official aerial victory credit information. It also conducts accessions and processes oral history interviews with key Air Force people and prepares manuscripts regarding Air Force history for publication. AFRHA educates Air Force students at professional military schools. www.afhra.maxwell.af.mil

Air Force Inspection Agency, Kirtland AFB,

N.M.: It is the primary action arm of the Secretary of the Air Force inspection system. In partnership with the office of Air Force Smart Operations, the agency promotes AFSO21 and provides assistance for process improvement activities. It conducts nuclear surety inspection oversight, nuclear inspection training and certification, health services and radioactive material inspections. AFIA performs by-law compliance inspections of Air Force-level field operating agencies and direct reporting units. It publishes the Air Force's oldest magazine, *TIG Brief*. The agency has the capability to provide independent assessments of acquisitions, operations, logistics and support for the Secretary of the Air Force, Air Force Chief of Staff, Secretary of the Air Force inspector general and major command commanders. www.afia.af.mil

Air Force Intelligence, Surveillance and Reconnaissance Agency, San Antonio:

The agency organizes, trains, equips and presents assigned forces and capabilities to conduct Intelligence, Surveillance, and Reconnaissance for combatant commanders. It implements and oversees execution of policy and guidance to expand Air Force ISR capabilities to meet current and future challenges. Almost 16,000 active duty Airmen, Reservists and Guardsmen as well as AF civilians are stationed worldwide to support the agency's global mission. The 480th ISR Wing, Langley AFB, Va., operates and maintains the AF Distributed Common Ground System, conducting imagery, cryptologic, and measurement and signatures intelligence activities. The 70th ISR Wing, Fort George G. Meade, Md., integrates Air Force capabilities into global cryptologic operations, directly supporting national-level decisionmakers, combatant commanders and tactical warfighters. The Air Force Technical Applications Center, Patrick AFB, Fla., operates and monitors a variety of air, ground, space and seaborne sensor platforms to ensure compliance with several nuclear treaties. The National Air and Space Intelligence Center, Wright-Patterson AFB, Ohio, is the Air Force's single intelligence analysis center and the primary DoD producer of foreign air and space intelligence. The Air Force Cryptologic Office, Fort Meade, serves as the HQ

AF ISR Agency primary cryptologic intelligence staff in the National Capitol Region, and represents and coordinates all cryptologic matters for the Air Force within the National Security Agency. The Air Force Combat ISR Office, Langley AFB, Va., is the agency's on-site representative to Air Combat Command and tasked with conducting DCGS sustainment, modernization and security. The 361st ISR Group, Hurlburt Field, Fla., organizes, trains, equips and presents ISR forces for Special Operations forces employment. www.afisr.af.mil

Air Force Legal Operations Agency, Bolling

AFB, Washington, D.C.: The agency includes all senior defense counsel, senior trial counsel and appellate defense and government counsel in the Air Force, as well as all Air Force civil litigators defending the Air Force against civil law suits claiming damages and seeking other remedies in contracts, environmental, labor and tort litigation. The agency includes numerous field support centers to include Tort Claim, Environmental Law, Labor Law, Commercial Litigation, Contract Law, Medical Law and Accident Investigation Board. It also includes the utility litigation team, the Medical Cost Reimbursement program and the Air Force Claims Service Center. The agency also includes the Judge Advocate General's school and the Information Systems Directorate. The latter provides IT services to Air Force legal offices worldwide and, as the DoD Executive Agent for Federal Legal Information Through Electronics, to legal offices throughout the DoD. AFLOA has offices worldwide at more than 75 locations and consists of 507 military and civilian attorneys and 369 military and civilian paralegals and support personnel.

Air Force Logistics Management Agency,

Maxwell AFB-Gunter Annex, Ala.: The agency consults, conducts studies, manages Air Force logistics wargaming participation, and develops DoD and civilian partnerships to support the development of policy and identify the resources needed to deliver agile combat support across the full spectrum of operations. It develops and maintains the Air Force's Logistics Enterprise Architecture. Produces solutions to logistics problems and designs new and improved concepts, methods, and systems to improve overall logistics and combat capability. The agency publishes the Air Force Journal of Logistics and other publications on logistics issues. www.afma.hq.af.mil

Air Force Manpower Agency, Randolph

AFB, Texas: The agency provides Air Force leaders at all organizational levels the tools to identify essential manpower required for the effective and efficient accomplishment of the Air Force mission. The agency, through its four major divisions and five subordinate manpower requirement squadrons, develops manpower requirements determination tools and manpower programming factors. Additionally, AFMA manages Air Force performance management and innovation programs, including awards programs such as the Air Force Chief of Staff Team Excellence Award and the Zuckert Award. AFMA executes the Air Force competitive sourcing program, conducts special studies, performs civilian classification oversight and centralized operational classification, and creates and maintains standard position descriptions. The agency also assists com-

batant commanders in determining military essential requirements in support of warfighting scenarios, supports the manpower functional community, and is home to the Air Force Survey Office, providing attitude and opinion survey tools including the Air Force Climate Survey. www.afma.af.mil

Air Force Medical Operations Agency, Port

San Antonio, Texas: The agency oversees execution of the Air Force Surgeon General policies supporting Air Force expeditionary capabilities, healthcare operations and national security strategy. It provides expert consultative leadership support to 75 military treatment facilities and 11 major commands/direct reporting units to ensure cost-effective, modern and prevention-based healthcare continuum for 2.1 million beneficiaries worldwide. AFMOA directs and supports the clinical currency of 43,131 healthcare professionals providing 6.6 million visits and 133,500 bed days. The agency provides clinical and population health data and analysis to AF/SG and MAJCOM surgeons. Partners with the assistant secretary of Defense (Health Affairs), secretary of the Air Force, chief of staff of the Air Force and Department of Veterans Affairs.

Air Force Medical Support Agency, Arlington,

Va.: The agency provides comprehensive consultative support and policy development for the Air Force Surgeon General in medical force management; operational support for ground and air expeditionary medical capabilities used in global, homeland security and force health protection as well as all aspects of medical and dental services, aerospace medicine operations and medical support functions. It also executes policy and programs for modernizing medical capabilities to address critical challenges for operational and peacetime health care and for the joint warfighter through state-of-the-art technological solutions. The agency ensures strategic initiatives are fully supported through the Planning, Programming, Budget, Execution System and the execution of the budget to fully support global medical capability and national security strategies.

Air Force Network Integration Center, Scott

AFB, Ill.: AFNIC is the Air Force focal point for integrating, shaping, provisioning and sustaining the Enterprise Network and enabling assured core cyber capabilities to achieve the warfighting advantage. To do this, AFNIC leads the effort to standardize Air Force network systems by optimizing configurations, setting and publishing standards, and procuring voice, video, as well as other network-centric information services. AFNIC also pursues leading edge technologies such as new airborne networking concepts and standards through various test beds, laboratories and integration facilities. www.afnic.af.mil

Air Force Office of Special Investigations,

Joint Base Andrews, Md.: It provides professional investigative service to commanders of all Air Force activities. OSI identifies, investigates and neutralizes criminal, terrorist and espionage threats to Air Force and defense personnel and resources. It focuses on five priorities: Develop and retain a force capable of meeting Air Force needs; detect and provide early warning of worldwide threats to the Air Force; identify and resolve crime affecting readi-

ness or good order and discipline; combat threats to information systems and technologies; and defeat and deter fraud in acquisition of prioritized weapons systems. The office has been the Air Force's major investigative service since Aug. 1, 1948. The agency reports to the Air Force Inspector General.

www.osi.andrews.af.mil

Air Force Personnel Center, Randolph AFB, Texas:

It ensures the Air Force has skilled people in the proper grades and specialties to complete its mission. The 2,300 personnel and functional representatives ensure the integration and execution of personnel operations to meet field commanders' requirements. AFPC operates the Air Force Contact Center, where personnel experts provide high-quality customer service around the clock. The center improves personnel services by developing programs that allow individuals to perform personnel actions, anytime, anywhere, through Web-based, self-service applications such as online retirements and virtual enlisted promotion releases. It manages assignments and facilitates the professional development of all enlisted members and officers below the grade of colonel, with the exception of chief master sergeants and members of the staff judge advocate. It plays an integral role in civilian force shaping and force development initiatives, providing personnel management advisory services, recruitment and placement support, benefits and entitlements, leadership, and management training and education. It manages the Sexual Assault Prevention and Response program, provides oversight to the Airman and Family Readiness Centers and oversees the Air Force Wounded Warrior Program. It maintains the records for active-duty Airmen and serves as the Air Force office of primary responsibility for worldwide casualty reporting, notification of family members and assistance to families and field commanders on benefits and entitlements. This agency is also the service's focal point for Missing in Action/Prisoner of War programs, members reported missing, captured or imprisoned and members placed in an absent without leave/deserter status. It tasks the combatant commanders' requirements by planning and monitoring readiness. The Total Force Service Center is accessible on the Web site or by calling 1-800-525-0102.

www.afpc.randolph.af.mil

Air Force Personnel Operations Agency, San Antonio:

It serves as the single Air Force focal point for submission and acceptance of total force human resources information technology requirements. It works with Air Force manpower, personnel and services (A1), the Air Force Personnel Center, the Air Reserve Personnel Center and other human resources customers to capture information technology systems requirements in support of the A1 enterprise. AFPOA documents those requirements to deliver streamlined and improved personnel services to commanders, managers and Airmen. The agency also orchestrates final user acceptance testing of the resulting systems and computer applications to ensure they meet the needs of its customer.

Air Force Petroleum Agency, Fort Belvoir, Va.:

The agency is the Air Force service control point for all Defense Logistics Agency fuel-related

support issues. The organization provides a full range of technical and professional services related to fuels, propellants, chemicals, lubricants, gases, and cryogenics for all aerospace vehicles, systems, and equipment. It is composed of three directorates; Operations Support, Business Support and Product Support and six area aerospace laboratories with worldwide presence. AFPA also develops quality assurance specifications and agreements to ensure interoperability with commercial, inter-service, and international partners for sustainment of Air Force, joint, and combined force actions.

www.afpa.af.mil

Air Force Public Affairs Agency, Arlington, Va.:

It provides an agile and responsive public affairs capability to the Air Force through three combat camera squadrons — 1st CTCS, Charleston AFB, S.C.; 2nd CTCS, Hill AFB, Utah; and 3rd CTCS, Lackland AFB, Texas — and seven operating locations. It provides an archiving and distribution capability for all PA products; manages licensing and branding of the Air Force trademark; and deploys crisis response teams for Air Force PA support to contingencies. It also enhances the future capabilities of the entire Public Affairs career field by conducting research and establishing guidance on emerging technologies for future PA operations. The agency also provides graphics support to all PA offices; manages career field force development through training, career tracking and assignments; conducts force management and deployment management for the PA community; provides standards and evaluations guidance for PA activities; and procures and field tests future equipment systems for the PA career field.

Air Force Real Property Agency, Lackland AFB, Texas:

The agency acquires, manages and disposes of all Air Force-controlled real property worldwide. AFRPA has restructured to integrate new concepts in asset management, enhanced use leasing, energy, active duty real property transactions and secretariat real property legal advisers, which are embedded within AFRPA, providing world-class legal expertise. AFRPA will be the leading provider of full-spectrum real property-portfolio management and transactional services to enable sound decision-making by Air Force leadership. The agency is composed of 165 civilian personnel and contractors, including real property, asset management, environmental cleanup, financial management, public affairs, environmental and real estate law, and information system specialists.

www.safie.hq.af.mil

Air Force Review Boards Agency, Joint Base Andrews, Md.:

It provides management of various military and civilian appellate processes for the Secretary of the Air Force. It decides individual cases before the personnel council's five component boards: the Board for Correction of Military Records; the Civilian Appellate Review Office; the Personnel Security Appeal Board and the DOD Physical Disability Board of Review. It renders final decisions for the Secretary of the Air Force to correct errors or injustices in military and civilian records and ensures due process, equity, and fair and impartial treatment for the Air Force military and civilian force.

Air Force Safety Center, Kirtland AFB, N.M.:

The center's goal is to prevent mishaps and preserve combat readiness by developing, implementing, executing and evaluating Air Force aviation, ground, weapons, nuclear surety, space and system programs. It conducts research to promote safety and awareness and mishap prevention. It oversees mishap investigations, evaluates corrective actions and ensures implementation. It develops and directs safety and operational risk management education. It publishes *Wingman* magazine in an effort to save lives and protect national assets.

www.afsc.af.mil

Air Force Security Forces Center, Lackland AFB, Texas:

It organizes, trains and equips Air Force security forces worldwide. It develops force protection doctrine, programs and policies by planning and programming resources to execute the missions of nuclear and non-nuclear weapon system security, physical security, integrated defense, combat arms, law enforcement, antiterrorism, resource protection and corrections. It identifies and delivers emergent and future force protection and force application solutions through modeling and simulation. It acts as the executive agency for the Department of Defense military working dog program.

<https://afsf.lackland.af.mil>

Air Force Services Agency, San Antonio:

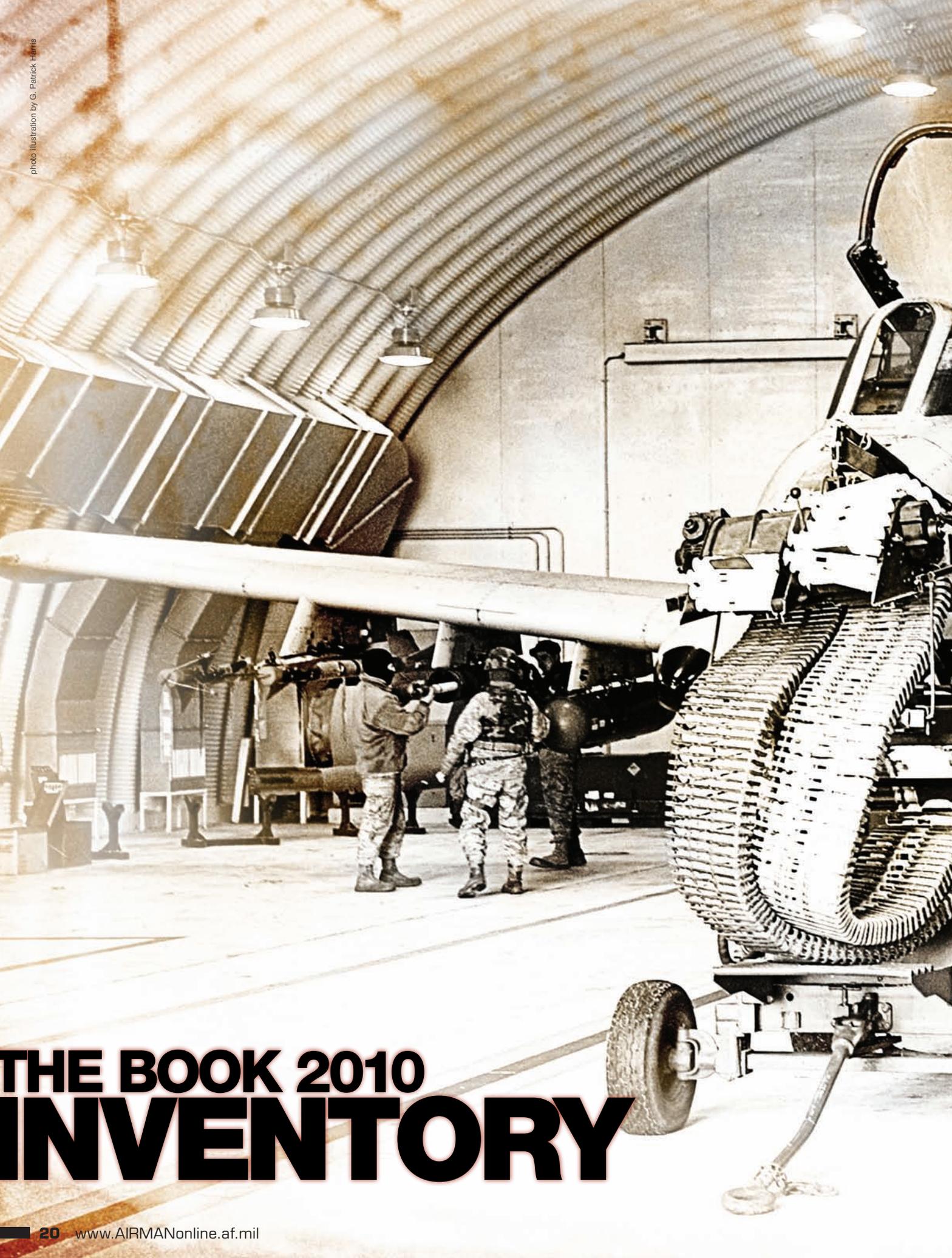
This field operating agency under Air Force Services supports the installations, major commands and Air Staff by providing technical assistance, fielding new initiatives, developing procedures, and managing selected central support functions to ensure successful Services programs at Force Support Squadrons worldwide. The agency manages Air Force central non-appropriated funds and operates a shared service center for NAF accounting and central systems for field support such as banking, investments, purchasing, data flow, and insurance benefits programs, and the personnel system for NAF employees and retirees. The agency has approximately 700 military and civilians assigned.

www.afsv.af.mil

Air Force Weather Agency, Offutt AFB, Neb.:

It maximizes America's power through the exploitation of timely, accurate and relevant weather information; anytime, everywhere. It reports to the Air Force director of weather, deputy chief of staff air and space operations. The agency conducts both Air Force weather functional lead command responsibilities (such as fielding cutting-edge weather equipment and training to operational weather squadrons and weather flights around the world) and directly conducts terrestrial and space weather operations. These operations include collecting, analyzing and predicting weather information and making that information available in comprehensive weather databases, tailoring and integrating weather information specifically for exploitation by Air Force and Army field commanders and national decision makers for military operations, contingency missions and humanitarian relief efforts worldwide.

www.afweather.af.mil



THE BOOK 2010 INVENTORY

PIL SUNG



INVENTORY AIRCRAFT A-Z



A-10A/C Thunderbolt II

Primary function: Close air support and airborne forward air control. **Speed:** 420 mph. **Dimensions:** Wingspan 57 ft. 6 in.; length 53 ft. 4 in.; height 14 ft. 8 in. **Range:** 800 miles. **Armament:** 30 mm seven-barrel Gatling gun; up to 16,000 pounds of mixed ordnance, including 500 pound Mk-82 and 2,000 pound Mk-84 series low/high drag bombs, incendiary cluster bombs, combined effects munitions, AGM-65 missiles and laser-guided/electro-optically guided bombs; M-129 leaflet bombs, infrared countermeasure flares; electronic countermeasure chaff; jammer pods; 2.75-inch rockets; illumination flares and AIM-9 missiles. **Crew:** One.



AC-130H/U

Primary function: Close air support, air interdiction and force protection. **Speed:** 300 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 97 ft. 9 in.; height 38 ft. 6 in. **Range:** 1,496 mph; unlimited with air refueling. **Armament:** AC-130H, 20 mm Vulcan cannons, 40 mm Bofors cannon and 105 mm Howitzer. AC-130U, 30 mm Bushmaster cannon replacing 25 mm Gatling gun, 40 mm Bofors cannon and 105 mm cannon. **Crew:** AC-130H, 14, and AC-130U, 13.



B-1B Lancer

Primary function: Long-range, multi-role, heavy bomber. **Speed:** 900-plus mph. **Dimensions:** Wingspan 137 ft. extended forward, 79 ft. swept aft; length 146 ft.; height 34 ft. **Range:** Intercontinental, unrefueled. **Armament:** GBU-31/38, Mk-65/82/84, CBU-87/89/97/103/104/105 AGM-154A/158A **Crew:** Four.



B-2A Spirit

Primary function: Multi-role heavy bomber. **Speed:** High subsonic. **Dimensions:** Wingspan 172 ft.; length 69 ft.; height 17 ft. **Range:** Intercontinental, unrefueled. **Armament:** MK-62/82/84, CBU-87/89/97, GBU-28/31/38, AGM-154A, AGM-158A; nuclear weapons. **Crew:** Two.



B-52H Stratofortress

Primary function: Heavy bomber. **Speed:** 650 mph. **Dimensions:** Wingspan 185 ft.; length 159 ft. 4 in.; height 40 ft. 8 in. **Range:** 8,800 miles unrefueled. **Armament:** M117, Mk-56/62/65/82/84, CBU-87/89/103/104/105, AGM-86B/C/D/129A/158A, GBU-10/12/28/31/38; nuclear weapons. **Crew:** Five.



C-5A/B/C/M Galaxy

Primary function: Outsize cargo transport. **Speed:** 518 mph. **Dimensions:** Wingspan 222 ft. 9 in.; length 247 ft. 10 in.; height 65 ft. 1 in. **Range:** 6,320 miles unrefueled. **Crew:** Seven.



C-9C Nightingale

Primary function: Passenger movement. **Speed:** 565 mph. **Dimensions:** Wingspan 93 ft. 3 in.; length 119 ft. 3 in.; height 27 ft. 5 in. **Range:** More than 2,000 miles. **Crew:** Eight.



C-12C/D/F/J Huron

Primary function: Passenger and cargo airlift; pilot seasoning. **Speed:** 336 mph. **Dimensions:** Wingspan 54 ft. 6 in.; length 43 ft. 9 in.; height 14 ft. 9 in. **Range:** 1,026 miles. **Crew:** Two.



C-17A Globemaster III

Primary function: Cargo and troop transport. **Speed:** 518 mph. **Dimensions:** Wingspan 169 ft. 10 in. (to winglet tips); length 174 ft.; height 55 ft. 1 in. **Range:** Unlimited with aerial refueling. **Crew:** Three.



C-20B/C/H

Primary function: Operational support airlift and special air missions. **Speed:** 576 mph. **Dimensions:** Wingspan 77 ft. 10 in.; length C-20B 83 ft. 2 in.; C-20H 88 ft. 4 in.; height 24 ft. 6 in. **Range:** C-20B, 4,250 miles; C-20H, 4,850 miles. **Crew:** Five.



C-21A

Primary function: Passenger and cargo airlift. **Speed:** 530 mph. **Dimensions:** Wingspan 39 ft. 6 in.; length 48 ft. 7 in.; height 12 ft. 3 in. **Range:** 2,306 miles. **Crew:** Two.



C-32A/B

Primary function: High-priority personnel transport. **Speed:** 530 mph. **Dimensions:** Wingspan 124 ft. 8 in.; length 155 ft. 3 in.; height 44 ft. 6 in. **Range:** 6,329 miles. **Crew:** 16.



C-37A

Primary function: Special air missions. **Speed:** 600 mph. **Dimensions:** Wingspan 93 ft. 6 in.; length 96 ft. 5 in.; height 25 ft. 11 in. **Range:** 6,300 miles. **Crew:** Five.



C-38A

Primary function: Special air missions. **Speed:** 540 mph. **Dimensions:** Wingspan 54 ft. 7 in.; length 55 ft. 7 in.; height 18 ft. 2 in. **Range:** 3,000 miles. **Crew:** Three.



C-40B/C

Primary function: High-priority personnel transport. **Speed:** 530 mph. **Dimensions:** Wingspan 117 ft. 5 in.; length 110 ft. 4 in.; height 41 ft. 2 in. **Range:** 5,000 miles. **Crew:** Ten.



C-130E/H/J Hercules

Primary function: Global airlift. **Speed:** C-130E, 345 mph; C-130H, 366 mph; C-130J, 417 mph; C-130J-30, 410 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 97 ft. 9 in. (C-130J-30 length, 112 ft. 9 in.); height 38 ft. 10 in. **Range:** C-130E, 1,438 miles; C-130H, 1,496 miles; C-130J, 1,841 miles; C-130J-30, 2,417 miles. **Crew:** C-130E/H, five; C-130J, three.



CV-22A Osprey

Primary function: Special operations forces long-range infiltration, exfiltration and re-supply. **Speed:** 277 mph (cruising speed). **Dimensions:** Wingspan 84 ft. 7 in.; length 57 ft. 4 in.; height 22 ft. 1 in.; rotary diameter, 38 ft. **Range:** 2,100 miles with internal auxiliary fuel tanks and no refueling. **Crew:** Four.



E-3 Sentry (AWACS)

Primary function: Airborne battle management, surveillance, command, control and communications. **Speed:** 360 mph. **Dimensions:** Wingspan 130 ft. 10 in.; length 145 ft. 8 in.; height 41 ft. 4 in.; rotodome, 30 ft. diameter, 6 ft. thick, mounted 11 ft. above fuselage. **Range:** More than eight hours unrefueled. **Crew:** 17-23.



E-4B

Primary function: Airborne operations center. **Dimensions:** Wingspan 195 ft. 8 in.; length 231 ft. 4 in.; height 63 ft. 5 in. **Range:** 6,200 miles. **Crew:** Up to 112.



E-8C Joint STARS

Primary function: Airborne battle management. **Dimensions:** Wingspan 145 ft. 9 in.; length 152 ft. 11 in.; height 42 ft. 6 in. **Speed:** 449-587 mph. **Range:** Nine hours unrefueled. **Crew:** 22.



E-9A

Primary function: Airborne telemetry support. **Dimensions:** Wingspan 85 ft.; length 73 ft.; height 24 ft. 5 in. **Speed:** 280 mph. **Range:** 1,000 miles unrefueled. **Crew:** Four.

INVENTORY AIRCRAFT A-Z



EC-130J Commando Solo

Primary function: Psychological and information operations. **Dimensions:** Wingspan 132 ft. 6 in.; length 97 ft.; height 38 ft. 8 in. **Speed:** 335 mph. **Range:** 2,300 miles unrefueled. **Crew:** Ten.



EC-130H Compass Call

Primary function: Electronic warfare, suppression of enemy air defenses and offensive counter information. **Dimensions:** Wingspan 132 ft. 7 in.; length 97 ft. 9 in.; height 38 ft. 3 in. **Speed:** 300 mph. **Range:** 2,295 miles unrefueled. **Crew:** 13.



F-15A/B/C/D/E Eagle and F-15E Strike Eagle

Primary function: F-15A/B/C/D/E — single-seat air superiority fighter. F-15E — air-to-ground attack aircraft. **Dimensions:** Wingspan 42 ft. 8 in.; length 63 ft. 8 in.; height 18 ft. 5 in. **Speed:** 1,875 mph. Strike Eagle Mach 2.5-plus. **Range:** 3,450 miles unrefueled. Strike Eagle 2,400 miles unrefueled. **Armament:** (All models) one internally mounted M-61A1 20 mm cannon with 940 rounds of ammunition and any combination of AIM-9L/M/X Sidewinder and four AIM-7F/M Sparrow air-to-air missiles, or eight AIM-120 AMRAAMs air-to-air missiles, carried externally. Strike Eagle — Mk-82/82, M129, CBU-87/89/97, GBU-10/12/15/24/27/31/38/39, AGM-65, AGM-130/154, nuclear weapons. **Crew:** F-15A/C, one; F-15B/D/E, two; Strike Eagle, two.



F-16A/B/C/D Fighting Falcon

Primary function: Multi-role fighter. **Speed:** 1,500 mph. **Dimensions:** Wingspan 32 ft. 8 in.; length 49 ft. 5 in.; height 16 ft. **Range:** 2,000 miles unrefueled. **Armament:** M-61A1 20 mm cannon with 500 rounds; external stations carry up to six air-to-air missiles, conventional air-to-air and air-to-surface munitions and electronic countermeasure pods. M129, MK-82/84, GBU-10/12/24/27/31/38, CBU-87/89/97/103/104/105/107, GM-65/88/154/158, nuclear weapons. **Crew:** F-16C, one; F-16D, one or two.



F-22 Raptor

Primary function: Multi-role fighter. **Speed:** Above Mach 2; higher on supercruise. **Dimensions:** Wingspan 32 ft. 8 in.; length 62 ft. 1 in.; height 16 ft. 8 in. **Range:** 1,850 miles; without external tanks, more than 1,250 miles unrefueled. **Armament:** M-61A1 20 mm cannon, AIM-120C AMRAAM, AIM-9, GBU-32 JDAMS. **Crew:** One.



HC-130P/N King

Primary function: Multi-role rescue platform. **Speed:** 289 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 98 ft. 9 in.; height 38 ft. 6 in. **Range:** Beyond 4,000 miles unrefueled. **Crew:** Ten.



HH-60G Pave Hawk

Primary function: Combat search and rescue. **Speed:** 160 mph. **Dimensions:** Length 64 ft. 8 in.; width 7 ft. 9 in.; height 16 ft. 8 in.; rotor diameter 53 ft. 7 in. **Range:** 478 miles unrefueled. **Armament:** Combination of two 7.62 mm miniguns or .50 caliber machine guns. **Crew:** Four.



KC-10A Extender

Primary function: Aerial tanker/transport. **Speed:** 619 mph. **Dimensions:** Wingspan 165 ft. 4 in.; length 181 ft. 7 in.; height 57 ft. 1 in. **Range:** 4,400 miles with cargo, 11,500 miles without cargo; unrefueled. **Crew:** Four.



KC-135R/T Stratotanker

Primary function: Aerial refueling and airlift. **Speed:** 530 mph. **Dimensions:** Wingspan 130 ft. 10 in.; length 136 ft. 3 in.; height 41 ft. 8 in. **Range:** 1,500 miles with 150,000 lbs. of transfer fuel; ferry mission 11,015 miles. **Crew:** Three.



LC-130H

Primary function: Tactical and intratheater airlift; special capability for polar regions. **Speed:** 350 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 97 ft. 9 in.; height 38 ft. 3 in. **Range:** 2,500 miles unrefueled. **Crew:** Six.



MC-12

Primary function: Provide intelligence, surveillance and reconnaissance support directly to ground forces. **Speed:** 359 mph. **Dimensions:** Wingspan 57 ft. 11 in.; length 46 ft. 8 in.; height 14 ft. 4 in. **Range:** 350, 1,700 miles **350ER** 2,700 miles. **Crew:** Two pilots and two sensor operators.



MC-130E/H Combat Talon

Primary function: Infiltration, exfiltration and re-supply of special operations forces. **Speed:** 300 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length MC-130E 100 ft. 10 in.; MC-130H 99 ft. 9 in.; height 38 ft. 6 in. **Range:** 2,700 miles unrefueled. **Crew:** MC-130E, nine; MC-130H, seven.



MC-130P Combat Shadow

Primary function: Air refueling special operations forces helicopters. **Speed:** 289 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 98 ft. 9 in.; height 38 ft. 6 in. **Range:** 4,000 miles unrefueled. **Crew:** Eight.



MC-130W Combat Spear

Primary function: Infiltration, exfiltration and re-supply of special operations forces; in-flight refueling of special operations vertical lift aircraft. **Speed:** 300 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 98 ft. 9 in.; height 38 ft. 6 in. **Range:** 1,208 miles unrefueled. **Crew:** Seven.



OC-135B Open Skies

Primary function: Unarmed observation to support Open Skies Treaty. **Speed:** More than 500 mph. **Dimensions:** Wingspan 131 ft.; length 135 ft.; height 42 ft. **Range:** 3,900 miles unrefueled. **Crew:** Seven.



RC-135U Combat Sent and RC-135V/W Rivet Joint

Primary function: RC-135U — electronic reconnaissance and surveillance; RC-135V/W — reconnaissance. **Speed:** RC-135U 403 mph; RC-135V/W 500 mph. **Dimensions:** RC-135U wingspan 131 ft. 5 in.; length 140 ft. 1 in.; height 41 ft. 8 in.; RC-135V/W wingspan 131 ft.; length 135 ft.; height 42 ft. **Range:** 4,000 miles unrefueled. **Crew:** Up to 27.



RC-26B

Primary function: Counterdrug. **Speed:** 288 mph. **Dimensions:** Wingspan 57 ft.; length 59 ft. 4 in.; width 16 ft. 8 in. **Range:** 1,380 miles. **Crew:** Two.



T-1A Jayhawk

Primary function: Advanced trainer for airlift and tanker pilots. **Speed:** 538 mph. **Dimensions:** Wingspan 43 ft. 6 in.; length 48 ft. 5 in.; height 13 ft. 11 in. **Range:** 2,557 miles. **Crew:** Three.

INVENTORY AIRCRAFT A-Z



T-6A Texan II

Primary function: Undergraduate pilot training. **Speed:** 320 mph. **Dimensions:** Wingspan 33 ft. 5 in.; length 33 ft. 4 in.; height 10 ft. 7 in. **Range:** 1,036 miles. **Crew:** Two.



U-2S Dragon Lady

Primary function: High-altitude reconnaissance. **Speed:** 410 mph. **Dimensions:** Wingspan 105 ft.; length 63 ft.; height 16 ft. **Range:** 7,000 miles. **Crew:** U-2S, one; TU-2S, (trainer) two.



WC-130J

Primary function: Weather reconnaissance. **Speed:** 350 mph. **Dimensions:** Wingspan 132 ft. 6 in.; length 99 ft. 4 in.; height 38 ft. 6 in. **Range:** 4,000 miles unrefueled. **Crew:** Five.



T-38A/C and AT-38B Talon

Primary function: Advanced jet pilot training. **Speed:** 812 mph. **Dimensions:** Wingspan 25 ft. 3 in.; length 46 ft. 4 in.; height 12 ft. 10 in. **Range:** 1,093 miles. **Crew:** Two.



UH-1H/N/V Iroquois

Primary function: Support for distinguished visitors, missile sites, ranges, and search and rescue. **Speed:** 115 mph. **Dimensions:** Length 57 ft. 3 in.; width 9 ft. 5 in.; height 12 ft. 10 in.; diameter of main rotor 48 ft.; diameter of tail rotor 8 ft. 6 in. **Range:** 300 miles. **Crew:** Two or three.



WC-135C/W Constant Phoenix

Primary function: Air sampling and collection operations. **Speed:** 403 mph. **Dimensions:** Wingspan 130 ft. 10 in.; length 139 ft. 11 in.; height 42 ft. **Range:** 4,000 miles unrefueled. **Crew:** Varies with mission.



T-43A

Primary function: Undergraduate navigator training. **Speed:** 535 mph. **Dimensions:** Wingspan 93 ft.; length 100 ft.; height 37 ft. **Range:** 2,995 miles. **Crew:** Two to 20.



VC-25A Air Force One

Primary function: Presidential air transport. **Speed:** 630 mph. **Dimensions:** Wingspan 195 ft. 8 in.; length 231 ft. 10 in.; height 63 ft. 5 in. **Range:** 7,800 miles unrefueled. **Crew:** 26.

UNMANNED AIRCRAFT SYSTEMS



MQ-9 Reaper

Primary function: Unmanned hunter/killer weapon system. **Speed:** 230 mph. **Dimensions:** Wingspan 66 ft.; length 36 ft.; height 12.5 ft. **Range:** 3,682 miles. **Armament:** AGM-114 Hellfire missiles; GBU-12, GBU-38 JDAM. **Crew:** Pilot and sensor operator on the ground.



RQ-4A Global Hawk

Primary function: High-altitude, long-endurance unmanned aerial reconnaissance system. **Speed:** 390 mph. **Dimensions:** Wingspan 116 ft. 2 in.; length 44 ft. 4 in.; height 15 ft. 2 in. **Range:** 10,932 miles. **Endurance:** 35 hours. **Crew:** Three pilots and sensor operator on the ground.



RQ-11B Raven

Primary function: Provides day/night reconnaissance and surveillance with low altitude operation. **Speed:** 20-40 mph. **Dimensions:** Wingspan 4 feet 5 inches. **Endurance:** 60-90 minutes. **Operating altitude:** 100-500 feet.



MQ-1B Predator

Primary function: Armed reconnaissance, airborne surveillance and target acquisition. **Speed:** Up to 135 mph. **Dimensions:** Wingspan 48 ft. 7 in.; length 27 ft.; height 6 ft. 9 in. **Range:** 454 miles. **Armament:** AGM-114 Hellfire missiles.



Scan Eagle

Primary function: Situational awareness and force protection. **Speed:** 55-80 mph. **Dimensions:** Wingspan 10.2 ft.; length 3.9 ft. **Endurance:** 20+ hours.



WASP-III (BATMAV)

Primary function: Provides day/night reconnaissance and surveillance with low altitude operation. **Speed:** 20-40 mph. **Dimensions:** Wingspan 28.5 inches; length 10 inches. **Operating altitude:** 150 to 500 feet.

GROUND-BASED WEAPONS AND RADAR



AN/FPQ-16: Perimeter Acquisition Attack Characterization System (PARCS)

Unit location: 10th Space Warning Squadron, Cavalier AFS, N.D. **Primary mission:** Missile warning — provides detection, attack warning, and attack assessment of sea-launched ballistic missiles and ICBMs launched against the continental United States and Canada. **Secondary mission:** Space surveillance — provides radar surveillance and tracking data on newly launched and orbiting space objects. Supports space object identification. **Radar details:** Single face phased array **Azimuth:** maximum of 156 degrees **Elevation view:** 1.9 degrees to a maximum of 95 degrees **Range:** approximately 2,000 nautical miles; 6,888 array elements on the face.



AN/FPS-123: Early Warning Radar (EWR)

Unit locations: 6th Space Warning Squadron, Cape Cod AFS, Mass. 13th Space Warning Squadron, Clear AFS, Alaska **Primary mission:** Missile warning — provides detection, attack warning, and attack assessment of sea-launched ballistic missiles and ICBMs launched against the continental United States and Canada. **Secondary mission:** Space surveillance — provides radar surveillance and tracking data on newly launched and orbiting space objects. Supports space object identification. **Radar details:** Dual face phased array **Azimuth:** 240 degrees using both radar faces **Elevation view:** 3-85 degrees above horizontal **Range:** approximately 3,000 nautical miles; 5,354 array elements on each face.



AN/FPS-132: Upgraded Early Warning radar (UEWR)

Unit locations: 7th Space Warning Squadron, Beale AFB, Calif.; 12th Space Warning Squadron, Thule AB, Greenland; RAF Fylingdales, England. **Primary mission:** Missile warning — provides detection, attack warning, and attack assessment of sea-launched ballistic missiles and ICBMs launched against the

Source: Air Force Space Command

western continental United States and allied countries.

Co-primary mission: Missile defense - provides detection, tracking, interception and destruction of incoming missiles towards the continental United States and allied countries. **Secondary mission:** Space surveillance — provides radar surveillance and tracking data on newly launched and orbiting space objects. Supports space object identification. Tertiary (RAF Fylingdales only): United Kingdom missile warning and space surveillance missions - parallel to the missions listed above but for United Kingdom use.

Radar details: Dual face phased array (7th SWS and 12th SWS) Triple face phased array (RAF Fylingdales) **Azimuth:** 240 degrees using both radar faces (7th SWS and 12th SWS) 360 degrees using all three faces (RAF Fylingdales) **Elevation view:** 3 to 85 degrees above horizontal (all three units) **Range:** approximately 2,800 nautical miles (12th SWS) approximately 3,000 nautical miles (7th SWS and RAF Fylingdales) **Array Elements:** 5,354 on each face (7th SWS); 3,589 on each face (12th SWS); 2,560 on each face (RAF Fylingdales) earth-orbiting space objects by effectively directing the Space Surveillance Network. Provides in-depth orbital analysis on space objects, and efficiently disseminates orbital positional data to customers worldwide. **Range:** approximately 15,000 nautical miles.



AN/FPS-85

Unit location: 20th Space Control Squadron, Eglin AFB, Fla. **Mission:** Space surveillance - tracks more than 12,000 earth orbiting objects, including deep space satellites in support of the space control mission. Supports space object identification. **Radar details:** Bi-phased phased array, one transmitter face and one receiver face. **Azimuth:** 120 degrees at one degree elevation **Elevation view:** 3 degrees to 105 degrees with the antenna face inclined at 45 degrees. **Range:** in excess of 22,000 nautical miles



AN/FPS-133: Air Force Space Surveillance System (AFSSS)

Unit location: Det 1, 20th Space Control Squadron, Naval Surface Warfare Center, Dahlgren, Va. Three transmitter sites: Gila River, Ariz.; Lake Kickapoo, Texas; Jordan Lake, Ala. Six receiver sites: Tattnell, Ga.; Hawkinsville, Ga.; Silver Lake, Miss.; Red River, Ark.; Elephant Butte, N.M. and San Diego. **Missions:** Space surveillance — to detect, track and identify objects in near-earth and deep-space orbits. Alternate Space Control Center — function as the alternate to the Joint Space Operations Center. Performs space situational awareness and space

surveillance under USSTRATCOM's space control mission. Processes all manmade and environmental threat activities against United States and allied satellites, and ground stations. Provides accurate positional data on all manmade earth-orbiting space objects by effectively directing the Space Surveillance Network. **Range:** approximately 15,000 nautical miles.



AN/FSQ-114: Ground-Based Electro-Optical Deep Space Surveillance (GEODSS)

Unit location: Det. 1, 21st Operations Group, White Sands Missile Range, N.M.; Det. 2, 21st Operations Group, Diego Garcia, British Indian Ocean Territory; Det. 3, 21st Operations Group, Maui, Hawaii. **Mission:** Space surveillance — to detect, track, and identify more than 2,500 objects in deep-space orbits. Provides photometric space object identification. **Aperture opening:** 40 inches **Range:** 3,000 miles to greater than 22,000 miles.



AN/FSQ-224: Morón Optical Space Surveillance (MOSS)

Unit location: Det. 4, 21st Operations Group, Morón, Spain. **Mission:** Space surveillance — to detect, track, and identify more than 2,500 objects in deep-space orbits. Provides photometric space object identification. **Aperture opening:** 22 inches. **Range:** approximately 3,500 miles to 25,000 miles.

Rapid Attack, Identification, Detection and Reporting System (RAIDRS)

Unit location: 16th Space Control Squadron, Peterson AFB, Colo. **Mission:** Defensive space control; detects, characterizes and geolocates electromagnetic interference on high-priority satellite communication links.

Counter Communication System

Unit location: 4th Space Control Squadron, Holloman AFB, N.M. and 76th Space Control Squadron, Peterson AFB, Colo. **Mission:** Offensive space control; a transportable jammer designed to disrupt satellite-based communications through non-destructive, reversible effects.

STRATEGIC MISSILES



AGM-86B/C/D Air-launched Cruise Missile

Primary function: Air-to-ground strategic cruise missile. **Speed:** 550 mph. **Dimensions:** Wingspan 12 ft.; length 20 ft. 10 in.; body diameter 2 ft. 0.5 in. **Range:** 1,500 miles. **Payload:** Nuclear or conventional warhead.



LGM-30G Minuteman III

Primary function: Intercontinental ballistic missile. **Speed:** Approximately 15,000 mph. **Dimensions:** Length 60 ft.; diameter 5 ft. 6 in. **Range:** More than 6,000 miles. **Payload:** Three Mk-12 or Mk-12A warheads.

AERIAL TARGETS AND DECOYS



BQM-167 Subscale Aerial Target

Primary function: Aerial target. **Speed:** 691.2 mph. **Dimensions:** Wingspan: 11 ft.; length 20 ft.; height: 4 ft. **Crew:** None.



QF-4 Aerial Target

Primary function: Full-scale, high-performance aerial target for live air-to-air and surface-to-air missile tests. **Speed:** 1,250 mph. **Dimensions:** Wingspan 38 ft.; length 16 ft.; height 6 ft. **Endurance:** Two hours. **Crew:** None.

SATELLITES

Air Force Satellite Control Network

This network consists of worldwide remote tracking stations providing assured command, control and communications connectivity between ground satellite operations centers and more than 150 Department of Defense, national program and civil satellites. The network conducts approximately 165,000 satellite sorties per year and is critical for Command Control and Communications, space safety, position determination, emergency recovery, initial launch, and deployment and disposal operations.



Defense Meteorological Satellite Program

Primary function: Collect terrestrial, space environment and Earth surface data. **Dimensions:** Approximately 14 ft. long. **Weight:** 2,545 lbs., including 592-pound sensor payload. **Power:** 10 panels, generating 2,000 watts of power. **Orbit:** Approximately 525 miles.



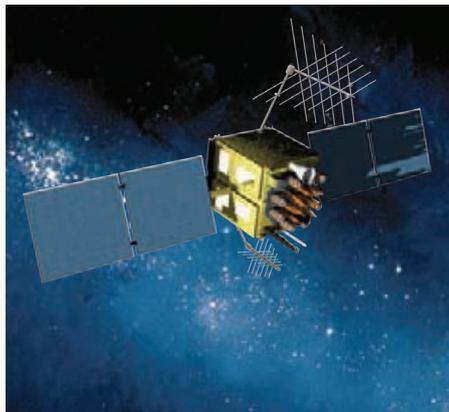
Defense Support Program

Primary function: Strategic and tactical missile launch detection. **Dimensions:** Diameter approximately 13 ft. at launch and 22 ft. in orbit. **Weight:** 5,250 lbs. **Power:** Solar array generates 1,485 watts. **Orbit:** Approximately 22,300 miles.



Defense Satellite Communications System

Primary function: Worldwide, long-haul communications. **Dimensions:** Phase III — rectangular body, 6 ft. x 6 ft. x 7 ft., 38 ft. span with solar arrays deployed. **Weight:** Phase III — 2,716 lbs. **Power:** Solar arrays generating an average of 1,500 watts. **Orbit:** 22,230 miles.



Global Positioning System

Primary function: Positioning, navigation, timing and velocity information worldwide. **Dimensions:** Block IIA, approximately 11 ft.; Block IIR, approximately 5 ft.; Block IIF, approximately 8 ft.; width (includes solar array span): Block IIA, approximately 17 ft.; Block IIR/M, approximately 37 ft.; Block IIF, approximately 116 ft. **Weight:** Block IIA, 3,670 lbs.; Block IIR/M, 4,480 lbs.; Block IIF, 3,758 lbs. **Power:** Solar panels generating 800 watts; Block IIF panels generate 2,450 watts. **Orbit:** 11,000 miles.



Milstar Satellite Communications System

Primary function: Global military communications system. **Weight:** 10,000 lbs. **Power:** Solar panels generating 8,000 watts. **Orbit:** 22,250 miles.



Space Based Infrared Systems

Primary function: The SBIRS constellation supports the warfighter in four distinct mission areas: Missile Warning, Missile Defense, Technical Intelligence and Battle Space Awareness.



Wideband Global SATCOM Satellite

Primary function: High-capacity military communications satellite. **Weight:** Approximately 13,000 lbs. at launch, 7,600 lbs in orbit. **Orbit:** 22,300 miles.

LAUNCH VEHICLES



Delta IV

Primary function: Evolved expendable launch vehicle designed for optimum performance for a wide range of flight profiles. **Dimensions:** Common booster core length approximately 125 ft., diameter 16 ft. 8 in. **Payload capability:** Up to 49,740 lbs into low-Earth orbit; 28,620 lbs into geotransfer orbit.



Atlas V

Primary function: Evolved expendable launch vehicle designed to improve space launch operability and standardization. **Dimensions:** Common core booster approximately 12 ft. in diameter by approximately 106 ft. long. **Payload capability:** 40,780 lbs. into low earth orbit; 19,260 lbs. into geotransfer orbit.

BOMBS

Abbreviation codes:

AGM	Air-to-Ground Missile
AIM	Air Intercept Missile
CBU	Cluster Bomb Unit
EGBU	Enhanced Guided Bomb Unit
GBU	Guided Bomb Unit
GPS/INS	Global Positioning System/Internal Navigation System
M	Army Designation for Unguided Munition
Mk	Mark (General Purpose Bomb)

**GBU-27 Paveway III**

Primary function: 2,000-lb. unpowered, hard target laser-guided weapon. **Dimensions:** Length 13 ft. 10 in.; diameter 1 ft. 2.5 in.; wingspan 5 ft. 5 in. **Range:** More than 11 miles.

**GBU-28**

Primary function: 5,000-lb. unpowered, hard target laser-guided weapon. **Dimensions:** Length 19 ft.; diameter 1 ft. 2.5 in.; wingspan 5 ft. 5 in. **Range:** More than six miles.

**GBU-31/32/38 Joint Direct Attack Munition (JDAM)**

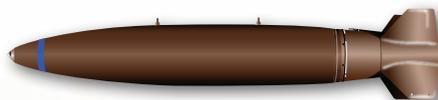
Primary function: GPS/INS smart tailkit that fits on general-purpose unguided bombs. **Dimensions:** Length GBU-31, 12 ft. 8 in.; GBU-32, 9 ft. 11 in.; GBU-38, 7 ft. 6 in.; wingspan: GBU-31, 2 ft. 1 in.; GBU-32, 1 ft. 7 in.; GBU-38, 1 ft. 5 in. **Range:** Up to 15 miles.

**GBU-39 Small Diameter Bomb**

Primary function: GPS/INS smart-guided 250-lb. standoff weapon. **Dimensions:** Length 5 ft. 9 in.; diameter 6.08 in.; wingspan 63.3 in. **Range:** More than 20 miles.

**Mk-82**

Primary function: 500-lb. free-fall, general-purpose bomb. **Dimensions:** Length 7 ft. 6.2 in.; diameter 10.8 in. **Range:** Varies by method of employment.

**Mk-84**

Primary function: 2,000-lb. free-fall, general-purpose bomb. **Dimensions:** Length 12 ft. 5 in.; diameter 18 in. **Range:** Varies by method of employment.

**M129**

Primary function: Leaflet/chaff bomb. **Dimensions:** Length 7 ft. 6 in.; diameter 1 ft. 4 in.; with fin installed, 1 ft. 10 in.

**CBU-87/89/97 Combined Effects Munition/Gator/Sensor Fuzed Weapon**

Primary function: All-purpose, air-delivered cluster weapons system. **Dimensions:** Length 7 ft. 8 in.; diameter 1 ft. 3 in. Combines with Wind Corrected Munitions tailkit to create CBU-103/104/105.

**GBU-10 Paveway II**

Primary function: 2,000-lb. unpowered, laser-guided weapon. **Dimensions:** Length 14 ft. 9 in.; diameter 18 in. **Range:** More than six miles.

**GBU-12 Paveway II**

Primary function: 500-lb. unpowered, laser-guided weapon. **Dimensions:** Length 10 ft. 9 in.; diameter 11 to 18 in. **Range:** More than six miles.

**GBU-15**

Primary function: 2,500-lb. unpowered, television or infrared, GPS/INS-guided weapon. **Dimensions:** Length 12 ft. 10 in.; diameter 18 in.; wingspan 4 ft. 11 in. **Range:** five to 15+ miles.

**GBU-24 Paveway III**

Primary function: 2,200-lb. unpowered, low-level laser-guided weapon. **Dimensions:** Length 14 ft. 5 in.; diameter 18 in.; wingspan 6 ft. 8 in. **Range:** More than 11 miles.

MISSILES



AGM-65A/B/D/E/G/G2/H/K Maverick

Primary function: Tactical, air-to-surface guided missile. **Dimensions:** Length 8.1 ft.; diameter 1 ft.; wingspan 2 ft. 6 in. **Speed/Range:** Classified.



AIM-7F/M Sparrow

Primary function: Radar-guided air-to-air missile. **Dimensions:** Length 12 ft.; diameter 8 in.; wingspan 3 ft. 4 in.



AGM-88A/B/C High-speed Anti-radiation Missile (HARM)

Primary function: Air-to-surface anti-radiation missile. **Dimensions:** Length 13 ft. 8 in.; diameter 10 in.; wingspan 3 ft. 8 in. **Speed:** Supersonic. **Range:** 30 miles.



AIM-9M Sidewinder

Primary function: Heat-seeking air-to-air missile. **Dimensions:** Length 9 ft. 5 in.; diameter 5 in.; wingspan 1 ft. 10 in.



AGM-130 Powered Standoff Weapon

Primary function: Precision, air-to-surface, all-weather, television/infrared and/or GPS/INS-guided, powered bomb. **Dimensions:** Length 13 ft. 3 in.; diameter 1 ft. 6 in.; wingspan 4 ft. 11 in.



AIM-9X Next Generation Sidewinder

Primary function: Heat seeking air-to-air missile. **Dimensions:** Length 9 ft. 11 in.; diameter 5 in.; wingspan 13.9 in.



AGM-154A Joint Standoff Weapon (JSOW)

Primary function: GPS/INS-guided air-to-surface unpowered glide weapon. **Dimensions:** Length 13 ft. 4 in.; diameter 17 in. to 22 in.; wingspan 8 ft. 10 in. **Range:** More than 46 miles.



AIM-120A/B/C Advanced Medium-Range Air-to-Air Missile (AMRAAM)

Primary function: Medium-range, air-to-air tactical missile. **Dimensions:** Length 12 ft.; diameter 7 in.; wingspan AIM-120A/B, 1 ft. 9 in.; AIM-120C, 1 ft. 5 in.



AGM-158 Joint Air-to-Surface Stand-off Missile (JASSM)

Primary function: GPS/INS-guided air-to-surface powered missile. **Dimensions:** Length 14 ft.; width 25.3 in. **Range:** More than 230 miles.

INTEGRATED DEFENSE

**M4 Carbine with M203 Grenade Launcher**

Primary function: Anti-personnel, light materiel targets and less-than-lethal. **Length:** Buttstock closed 29.75 in.; buttstock opened 33.0 in.; M203 — 15.3 in. with 12 in. barrel. **Weight:** 7.5 lbs. with 30-round magazine; M203 — 3 lbs. **Caliber:** 5.56 mm NATO.; M203 — 40 mm. **Maximum effective range:** Individual/point target: 500 meters, area target: 600 meters; M203 — individual/point target: 150 meters; area target: 350 meters (50 percent casualty rate of exposed personnel within a 5-meter radius). **Cyclic rate of fire:** 700-970 rounds per minute; M203 — 5-7 rounds per minute.

**M9 Pistol**

Primary function: Personal defense. **Length:** 8.5 in. **Weight:** 2.55 lbs. (fully-loaded). **Caliber:** 9 mm NATO. **Maximum effective range:** 50 meters.

**M11 Pistol**

Primary function: Personal defense. **Length:** 7.08 in. **Weight:** 2.0 lbs. (fully-loaded). **Caliber:** 9 mm NATO. **Maximum effective range:** 50 meters.

**M14 Stand-off Munitions Disruptor (SMUD)**

Primary function: Anti-materiel. **Length:** 44.3 in. **Weight:** 9.1 lbs. **Caliber:** 7.62 mm NATO. **Maximum effective range:** 800 meters. **Rate of fire (auto):** 750 rounds per minute (approx.)

**M16A2 Rifle with M203 Grenade Launcher**

Primary function: Anti-personnel, light materiel targets and less-than-lethal. **Length:** 39.6 with compensator. **Weight:** 8.8 lbs. with 30-round magazine. **Caliber:** 5.56 mm NATO. **Maximum effective range:** Individual/point target: 550 meters; area target: 800meters. **Cyclic rate of fire:** 700-900 rounds per minute.

**M18A1 Claymore Mine**

Primary function: Anti-personnel, defensive. **Dimensions:** 8.5 in. long; 1.38 in. wide; 3.25 in. high. **Weight:** 3.5 lbs. **Composition:** 700 steel spheres (10.5 grains) and 1.5 lbs. layer of C-4 explosive. **Optimum effective range:** 30 meters.

**M24 Rifle**

Primary function: Anti-personnel. **Length:** 43 in. **Weight:** 64 lbs. (complete system) **Caliber:** 7.62 mm. **Maximum effective range:** 800 meters.

**M67 Fragmentation Grenade**

Primary function: Anti-personnel. **Dimensions:** 3.5 in. high and 2.5 in. diameter. **Weight:** 14 ounces. **Composition:** Square steel wire. **Effective casualty-producing radius:** 15 meters. **Killing radius:** 5 meters.

**M79 Grenade Launcher**

Primary function: Anti-personnel and light materiel targets. **Length:** 29 in. with 14 in. barrel. **Weight:** 6.4 lb. loaded. **Caliber:** 40 mm. **Maximum effective range:** Individual/point target: 150 meters, area target: 350 meters (50 percent casualty rate of exposed personnel within a 5-meter radius). **Rate of fire:** 5-7 rounds per minute.

**M107/M82A1 Long Range Rifle**

Primary function: Anti-materiel. **Length:** 57 in. **Weight:** 28.5 lbs. (complete system); **Caliber:** .50 in. **Maximum effective range:** 1,829 meters.

**M2 .50-Caliber Machine Gun**

Primary function: Anti-personnel, aerial defense and light materiel targets. **Length:** 65.13 in. **Weight:** 84 lbs., barrel 26 lbs. **Caliber:** .50 in. **Maximum adjustable range:** Approx. 1,830 meters. **Cyclic rate of fire:** 450-600 rounds per minute.



M240B Medium Machine Gun

Primary function: Anti-personnel, aerial defense and light materiel targets. **Length:** 4 ft. 1 in. **Weight:** 27.1 lbs. **Caliber:** 7.62 mm NATO. **Maximum effective range:** Area target: 800 meters; point target: 1,800 meters with tripod. **Cyclic rate of fire:** 650-950 rounds per minute.



M249 Automatic Rifle

Primary function: Anti-personnel and light materiel targets. **Length:** 40.75 in. **Weight:** 17 lbs. with bipod and tools. **Caliber:** 5.56 mm NATO. **Maximum effective range:** Area target: 600 meters; point target: 800 meters. **Cyclic rate of fire:** 850 rounds per minute.



M60 Medium Machine Gun

Primary function: Anti-personnel, aerial defense and light materiel targets. **Length:** 43.5 in. **Weight:** 23 lbs. **Caliber:** 7.62 mm NATO. **Maximum effective range:** 1,100 meters. **Cyclic rate of fire:** 550 rounds per minute.



MCS 870 Modular Combat Shotgun

Primary function: Anti-personnel, breaching and less-than-lethal. **Length:** 35.75 in. **Weight:** 7.3 lbs. **Caliber:** 12 gage. **Maximum effective range:** 68 meters.



MK-19 40 mm Machine Gun

Primary function: Anti-personnel and light anti-armor. **Length:** 43.1 in. **Weight:** 77.6 lbs.; cradle 21 lbs.; tripod 44 lbs. **Caliber:** 40 mm. **Maximum effective range:** Area target: 2,212 meters; point target: 1,500 meters. **Cyclic rate of fire:** 325-375 rounds per minute.



MP5K Submachine Gun

Primary function: Anti-personnel. **Length:** 12.8 in. **Weight:** 4.4 lbs. **Caliber:** 9 mm NATO. **Maximum effective range:** 100 meters. **Cyclic rate of fire:** 900 rounds per minute.



UZI Submachine Gun

Primary function: Anti-personnel. **Length:** 25.6 in. **Weight:** 7.7 lbs. **Caliber:** 9 mm NATO. **Maximum effective range:** 206 meters. **Cyclic rate of fire:** 600 rounds per minute.



M72 Light Anti-tank Weapon

Primary function: Anti-armor, gun emplacements, pillboxes, buildings and light vehicles. **Length:** Extended 34.67 in.; closed 24.8 in.; rocket 20 in. **Weight:** 5.5 lbs. **Bore diameter:** 66 mm. **Maximum effective range:** Stationary 200 meters, moving 165 meters.



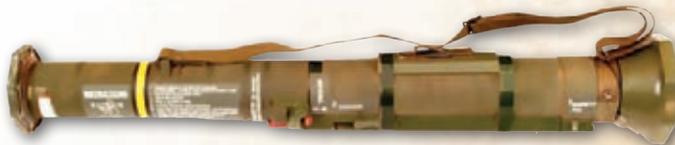
M1200, M500, M870 Shotgun

Primary function: Anti-personnel, breaching and less-than-lethal. **Length:** 40.75 in. **Weight:** 8 lbs. **Caliber:** 12 gage. **Maximum effective range:** 68 meters.



GUU-5P Carbine

Primary function: Anti-personnel and light materiel targets. **Length:** 30 in. **Weight:** 6.38 lbs. with 30-round magazine. **Caliber:** 5.56 mm. **Maximum effective range:** 300 meters. **Cyclic rate of fire:** 650-900 rounds per minute.



M136 AT4 Light Anti-tank Weapon

Primary function: Anti-armor, gun emplacements, pillboxes, buildings and light vehicles. **Length:** 40 in. **Weight:** 14.8 lbs. **Projectile:** 84 mm rocket with shaped charge warhead. **Maximum effective range:** 300 meters.



MK14, Mod 0 Enhanced Battle Rifle

Primary function: Anti-personnel and light materiel targets. **Length:** Buttstock closed 34.9 in., Buttstock opened 40.9 in. **Weight:** 13.2 lbs. with 20-round magazine. **Caliber:** 7.62 mm NATO. **Maximum effective range:** Area target: 914 meters point target: 549 meters. **Rate of fire (auto):** 750 rounds per minute (approx.)



THE BOOK 2010 DATABASE



2010 BASIC PAY CHART

	< 2	2	3	4	6	8	10	12	14	16	18
Commissioned Officers											
O-10	-	-	-	-	-	-	-	-	-	-	-
O-9	-	-	-	-	-	-	-	-	-	-	-
O-8	9,399.00	9,706.80	9,911.10	9,968.40	10,223.40	10,649.10	10,748.40	11,152.80	11,268.60	11,617.20	12,121.20
O-7	7,809.90	8,172.90	8,340.60	8,474.10	8,715.60	8,954.40	9,230.40	9,505.50	9,781.80	10,649.10	11,381.40
O-6	5,788.50	6,359.40	6,776.70	6,776.70	6,802.50	7,094.10	7,132.50	7,132.50	7,537.80	8,254.80	8,675.40
O-5	4,825.50	5,436.00	5,812.50	5,883.30	6,117.90	6,258.60	6,567.60	6,794.10	7,086.90	7,535.10	7,748.10
O-4	4,163.70	4,819.80	5,141.40	5,213.10	5,511.60	5,831.70	6,230.10	6,540.60	6,756.60	6,880.20	6,951.90
O-3	3,660.60	4,149.90	4,479.30	4,883.40	5,117.10	5,373.90	5,540.10	5,813.40	5,955.60	5,955.60	5,955.60
O-2	3,162.90	3,602.40	4,149.00	4,289.10	4,377.30	4,377.30	4,377.30	4,377.30	4,377.30	4,377.30	4,377.30
O-1	2,745.60	2,857.50	3,454.20	3,454.20	3,454.20	3,454.20	3,454.20	3,454.20	3,454.20	3,454.20	3,454.20
COMMISSIONED OFFICERS WITH MORE THAN FOUR YEARS OF ACTIVE DUTY AS WARRANT OFFICERS OR ENLISTED MEMBERS											
O-3E	-	-	-	4,883.40	5,117.10	5,373.90	5,540.10	5,813.40	6,043.50	6,175.80	6,355.80
O-2E	-	-	-	4,289.10	4,377.30	4,516.80	4,752.00	4,933.80	5,069.10	5,069.10	5,069.10
O-1E	-	-	-	3,454.20	3,688.80	3,825.00	3,964.80	4,101.60	4,289.10	4,289.10	4,289.10
Warrant Officers											
W-5	-	-	-	-	-	-	-	-	-	-	-
W-4	3,783.00	4,069.50	4,186.50	4,301.10	4,499.10	4,695.00	4,893.00	5,191.80	5,453.40	5,702.10	5,905.50
W-3	3,454.50	3,598.50	3,746.10	3,794.70	3,949.50	4,254.00	4,571.10	4,730.10	4,892.70	5,070.90	5,390.40
W-2	3,057.00	3,346.20	3,435.30	3,496.50	3,694.80	4,002.90	4,155.30	4,305.90	4,489.50	4,633.20	4,763.40
W-1	2,683.50	2,971.80	3,049.80	3,213.90	3,398.10	3,694.20	3,827.70	4,014.30	4,197.90	4,342.20	4,475.40
Enlisted Members											
E-9	-	-	-	-	-	-	4,570.80	4,674.30	4,804.80	4,958.40	5,112.90
E-8	-	-	-	-	-	3,741.60	3,907.20	4,009.50	4,132.50	4,265.40	4,505.40
E-7	2,601.00	2,838.90	2,947.50	3,091.80	3,204.00	3,396.90	3,505.50	3,699.00	3,859.50	3,969.00	4,085.70
E-6	2,249.70	2,475.30	2,584.50	2,690.70	2,801.40	3,051.00	3,148.20	3,336.00	3,393.60	3,435.60	3,484.50
E-5	2,061.30	2,199.30	2,305.50	2,414.40	2,583.90	2,761.80	2,906.70	2,924.70	2,924.70	2,924.70	2,924.70
E-4	1,889.70	1,986.30	2,094.00	2,199.90	2,293.80	2,293.80	2,293.80	2,293.80	2,293.80	2,293.80	2,293.80
E-3	1,705.80	1,813.20	1,923.00	1,923.00	1,923.00	1,923.00	1,923.00	1,923.00	1,923.00	1,923.00	1,923.00
E-2	1,622.10	1,622.10	1,622.10	1,622.10	1,622.10	1,622.10	1,622.10	1,622.10	1,622.10	1,622.10	1,622.10
E-1	1,447.20	1,447.20	1,447.20	1,447.20	1,447.20	1,447.20	1,447.20	1,447.20	1,447.20	1,447.20	1,447.20

NOTE — BASIC PAY FOR O-7-O-10 IS LIMITED TO LEVEL II OF THE EXECUTIVE SCHEDULE (\$14,975.10)

	20	22	24	26	28	30	32	34	36	38	40
Commissioned Officers											
O-10	15,188.10	15,262.20	15,579.60	16,132.50	16,132.50	16,939.20	16,939.20	17,785.80	17,785.80	18,675.60	18,675.60
O-9	13,283.70	13,475.10	13,751.40	14,233.80	14,234.10	14,946.00	14,946.00	15,693.30	15,693.30	16,477.80	16,477.80
O-8	12,586.20	12,896.70	12,896.70	12,896.70	12,896.70	13,219.20	13,219.20	13,549.80	13,549.80	13,549.80	13,549.80
O-7	11,381.40	11,381.40	11,381.40	11,439.30	11,439.30	11,668.20	11,668.20	11,668.20	11,668.20	11,668.20	11,668.20
O-6	9,095.70	9,334.80	9,577.20	10,047.00	10,047.00	10,247.70	10,247.70	10,247.70	10,247.70	10,247.70	10,247.70
O-5	7,959.00	8,198.40	8,198.40	8,198.40	8,198.40	8,198.40	8,198.40	8,198.40	8,198.40	8,198.40	8,198.40
O-4	6,951.90	6,951.90	6,951.90	6,951.90	6,951.90	6,951.90	6,951.90	6,951.90	6,951.90	6,951.90	6,951.90
O-3	5,955.60	5,955.60	5,955.60	5,955.60	5,955.60	5,955.60	5,955.60	5,955.60	5,955.60	5,955.60	5,955.60
O-2	4,377.30	4,377.30	4,377.30	4,377.30	4,377.30	4,377.30	4,377.30	4,377.30	4,377.30	4,377.30	4,377.30
O-1	3,454.20	3,454.20	3,454.20	3,454.20	3,454.20	3,454.20	3,454.20	3,454.20	3,454.20	3,454.20	3,454.20
COMMISSIONED OFFICERS WITH MORE THAN FOUR YEARS OF ACTIVE DUTY AS WARRANT OFFICERS OR ENLISTED MEMBERS											
O-3E	6,355.80	6,355.80	6,355.80	6,355.80	6,355.80	6,355.80	6,355.80	6,355.80	6,355.80	6,355.80	6,355.80
O-2E	5,069.10	5,069.10	5,069.10	5,069.10	5,069.10	5,069.10	5,069.10	5,069.10	5,069.10	5,069.10	5,069.10
O-1E	4,289.10	4,289.10	4,289.10	4,289.10	4,289.10	4,289.10	4,289.10	4,289.10	4,289.10	4,289.10	4,289.10
Warrant Officers											
W-5	6,726.60	7,068.00	7,322.10	7,603.50	7,603.50	7,983.90	7,983.90	8,383.20	8,383.20	8,802.60	8,802.60
W-4	6,104.10	6,396.00	6,635.40	6,909.00	6,909.00	7,047.00	7,047.00	7,047.00	7,047.00	7,047.00	7,047.00
W-3	5,606.70	5,736.00	5,873.40	6,060.00	6,060.00	6,060.00	6,060.00	6,060.00	6,060.00	6,060.00	6,060.00
W-2	4,918.80	5,021.40	5,102.70	5,102.70	5,102.70	5,102.70	5,102.70	5,102.70	5,102.70	5,102.70	5,102.70
W-1	4,636.80	4,636.80	4,636.80	4,636.80	4,636.80	4,636.80	4,636.80	4,636.80	4,636.80	4,636.80	4,636.80
Enlisted Members											
E-9	5,361.60	5,571.30	5,792.40	6,129.90	6,129.90	6,436.20	6,436.20	6,758.40	6,758.40	7,096.50	7,096.50
E-8	4,626.90	4,833.90	4,948.50	5,231.40	5,231.40	5,336.40	5,336.40	5,336.40	5,336.40	5,336.40	5,336.40
E-7	4,131.30	4,282.80	4,364.40	4,674.60	4,674.60	4,674.60	4,674.60	4,674.60	4,674.60	4,674.60	4,674.60
E-6	3,484.50	3,484.50	3,484.50	3,484.50	3,484.50	3,484.50	3,484.50	3,484.50	3,484.50	3,484.50	3,484.50
E-5	2,924.70	2,924.70	2,924.70	2,924.70	2,924.70	2,924.70	2,924.70	2,924.70	2,924.70	2,924.70	2,924.70
E-4	2,293.80	2,293.80	2,293.80	2,293.80	2,293.80	2,293.80	2,293.80	2,293.80	2,293.80	2,293.80	2,293.80
E-3	1,923.00	1,923.00	1,923.00	1,923.00	1,923.00	1,923.00	1,923.00	1,923.00	1,923.00	1,923.00	1,923.00
E-2	1,622.10	1,622.10	1,622.10	1,622.10	1,622.10	1,622.10	1,622.10	1,622.10	1,622.10	1,622.10	1,622.10
E-1	1,447.20	1,447.20	1,447.20	1,447.20	1,447.20	1,447.20	1,447.20	1,447.20	1,447.20	1,447.20	1,447.20

NOTE — BASIC PAY FOR O7-O10 IS LIMITED TO LEVEL II OF THE EXECUTIVE SCHEDULE (\$14,975.10)

FY2010, 3.4% Pay Raise Increase. Public Law No. 111-84 National Defense Auth Act, signed into law on Oct. 28, 2009
 FY2010, Increases cap on basic pay for general and flag officers (O-7-O-10) Level II and Level V by 1.5%.

AWARDS AND DECORATIONS



Silver/Bronze Stars

The bronze service star represents participation in campaigns or operations, multiple qualifications or an additional award to any of the various ribbons on which it is authorized. The silver star is worn in the same manner as the bronze star, but each silver star is worn in lieu of five bronze stars. When worn together on a single ribbon, the silver star(s) will be worn to the wearer's right of any bronze star(s).



Silver/Bronze Oak Leaf Clusters

The bronze oak leaf cluster represents second and subsequent entitlements of awards. The silver oak leaf cluster represents sixth, 11th, etc., entitlements or in lieu of five bronze oak leaf clusters. Silver oak leaf clusters are worn to the wearer's right of any bronze oak leaf clusters on the same ribbon.



Antarctica Service Medal Clasp (and disc)

The Antarctica Service Medal Clasp, with the words "Wintered Over," is only worn on medal's suspension ribbon. The discs are authorized for people who stayed on the continent during winter.



Germany and Japan Clasps

Clasps authorized for wear on the Army of Occupation Medal. The inscriptions "Germany" or "Japan" signify in what area of occupation recipient served.



Arctic Service Device

The "A" device, when worn with oak leaf clusters, is worn to the wearer's right of such clusters. The device is worn with the Air Force Overseas Ribbon Short Tour and is authorized for people who completed a short tour north of the Arctic Circle.

Source: Air Force Personnel Center



M Device

The "M" device is worn with the Armed Forces Reserve Medal to denote active duty status for at least one day during a contingency.



Hourglass Device

The hourglass is worn with the Armed Forces Reserve Medal in bronze for 10 years of service, silver for 20 years and gold for 30 years.



V Device and Clusters

The "V" device represents valor and does not denote an additional award. Only one may be worn on any ribbon. When worn on the same ribbon with clusters, it is worn to the wearer's right of such clusters.



Good Conduct Medal Clasp

Clasps authorized for the award of additional Good Conduct Medals: Bronze for one to four awards, silver for five to nine awards and gold for 10 or more awards.



Plane Device

The device is worn with the Army of Occupation Medal to denote service of 90 consecutive days in direct support of the Berlin Airlift (June 26, 1948, to Sept. 30, 1949).

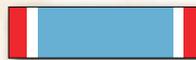


Arrowhead

The arrowhead denotes participation in a combat parachute jump, combat glider landing or amphibious assault landing. The arrowhead points up and is worn to the wearer's right of any service stars.



Medal of Honor



Air Force Cross



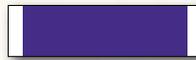
Defense Distinguished Service Medal



Distinguished Service Medal



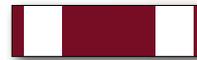
Bronze Star Medal



Purple Heart



Defense Meritorious Service Medal



Meritorious Service Medal



Air Force Achievement Medal



Air Force Combat Action Medal



Presidential Unit Citation



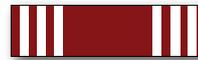
Gallant Unit Citation



Combat Readiness Medal



Air Force Good Conduct Medal



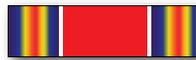
Good Conduct Medal



Air Reserve Forces Meritorious Service Medal



Euro-African-Middle Eastern Campaign Medal



World War II Victory Medal



Army of Occupation Medal



Medal for Humane Action



Southwest Asia Service Medal



Kosovo Campaign Medal



Afghanistan Campaign Medal



Iraq Campaign Medal



Military Outstanding Volunteer Service Medal



Air and Space Campaign Medal



Air Force Overseas Ribbon - Short Tour



Air Force Overseas Ribbon - Long Tour



USAF NCO PME Graduate Ribbon



USAF Basic Military Training Honor Graduate Ribbon



Small Arms Expert Marksmanship Ribbon



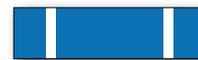
Air Force Training Ribbon



RVN Gallantry Cross with Palm*



United Nations Service Medal



United Nations Medal



NATO Medal (Former Republic of Yugoslavia) *



Kuwait Liberation Medal Government of Kuwait



Republic of Korea Korean War Service Medal

Civilian Awards



Decoration for Exceptional Civilian Service



Air Force Civilian Award for Valor



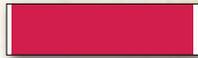
Air Force Outstanding Civilian Career Service Award



Silver Star Medal



Defense Superior Service Medal



Legion of Merit



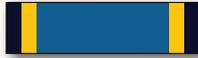
Distinguished Flying Cross



Airman's Medal



Air Medal



Aerial Achievement Medal



Joint Service Commendation Medal



Air Force Commendation Medal



Joint Service Achievement Medal



Joint Meritorious Unit Award



Meritorious Unit Award



Air Force Outstanding Unit Award



Air Force Organizational Excellence Award



Prisoner of War Medal



Outstanding Airman of the Year Ribbon



Air Force Recognition Ribbon



American Defense Service Medal



American Campaign Medal



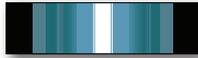
Asiatic-Pacific Campaign Medal



National Defense Service Medal



Korean Service Medal



Antarctica Service Medal



Armed Forces Expeditionary Medal



Vietnam Service Medal



Global War on Terrorism Expeditionary Medal



Global War on Terrorism Service Medal



Korean Defense Service Medal



Armed Forces Service Medal



Humanitarian Service Medal



Air Force Expeditionary Service Ribbon**



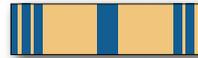
Air Force Longevity Service Award



Air Force Basic Military Training Instructor Ribbon



Air Force Recruiter Ribbon



Armed Forces Reserve Medal



Philippine Defense Ribbon



Philippine Liberation Ribbon



Philippine Independence Ribbon



Philippine Presidential Unit Citation



Republic of Korea Presidential Unit Citation



NATO ISF Medal



NATO Medal for Kosovo *



NATO Article 5 Balkans



Republic of Vietnam Campaign Medal



Kuwait Liberation Medal Kingdom of Saudi Arabia

* Also awarded with gold, silver or bronze devices. The gold frame on the ribbon denotes a unit citation; without, an individual citation.
 ** Gold border awarded to Airmen who participate in combat operations in a designated combat zone.



Air Force Meritorious Civilian Service Award



Command Civilian Award for Valor



Air Force Exemplary Civilian Service Award



Air Force Civilian Achievement Award

Source: Air Force Personnel Center

OCCUPATIONAL BADGES



Acquisition & Financial Mgmt



Air Traffic Control



Band



Chaplain Services Support



Civil Engineer Readiness



Civil Engineer



Command & Control



Communications & Information



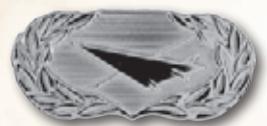
Explosive Ordnance Disposal



Force Protection



Force Support



Historian



Information Management



Intelligence



Judge Advocate



Logistics Plans



Logistics Readiness Officer



Maintenance



Manpower & Personnel



Meteorologist



Operations Support



Parachutist



Paralegal



Public Affairs



Services



Space



Space/Missile



Supply/Fuels



Transportation



Weapons Director



Dental Corps



Enlisted Medical



Nurse Corps



Christian Chaplain



Jewish Chaplain



Biomedical Science Corps



Medical Corps



Medical Services Corps



Muslim Chaplain



Buddhist Chaplain



Air Battle Manager



Astronaut



Enlisted Aircrew



Flight Nurse



Flight Surgeon



Navigator/Observer



Officer Aircrew Member



Pilot



Missile

Officers: Wear the senior badge, with star, after seven years in the specialty and the master badge, with star and wreath, after 15 years in the specialty. Exception: Medical service officers' time in specialty includes any service credit awarded at the time of appointment.

Enlisted: Wear the senior badge after award of the seven-skill level and the master badge as a master sergeant or above with five years in the specialty from award of the seven-skill level. Exception: Chief master sergeants cross-flowed into a new career field wear the senior badge of the new career field after 12 months and the master badge after five years.

Source: Air Force Personnel Center



Air Education and Training Command Instructor



Air Force Recruiting Service



Commander



Headquarters Air Force



Fire Protection Shield



Joint Chiefs of Staff



Office of the Secretary of Defense



Permanent Professor
Air Force Academy



Presidential Service



Security Forces



Vice Presidential Service

Editor's note: Full list of approved badges available in Air Force Instruction 36-2903, *Dress and Personal Appearance of Air Force Personnel*. *Duty Badges not to scale.*

GRADE & INSIGNIA

Enlisted

E-1	E-2	E-3	E-4	E-5	E-6	E-7		E-8		E-9		
-----	-----	-----	-----	-----	-----	-----	--	-----	--	-----	--	--

Air Force

no insignia														
Airman Basic (AB)	Airman (Amn)	Airman First Class (A1C)	Senior Airman (SrA)	Staff Sergeant (SSgt)	Technical Sergeant (TSgt)	Master Sergeant (MSGt)	First Sergeant (E-7)	Senior Master Sergeant (SMSgt)	First Sergeant (E-8)	Chief Master Sergeant (CMSgt)	First Sergeant (E-9)	Command Chief Master Sergeant (CCM Sgt)	Chief Master Sergeant of the Air Force (CMSAF)	

Army

no insignia													
Private (PV1)	Private E-2 (PV2)	Private First Class (PFC)	Specialist (SPC)	Corporal (CPL)	Sergeant (SGT)	Staff Sergeant (SSG)	Sergeant First Class (SFC)	Master Sergeant (MSG)	First Sergeant (1SG)	Sergeant Major (SGM)	Command Sergeant Major (CSM)	Sergeant Major of the Army (SMA)	

Marine Corps

no insignia												
Private (Pvt)	Private First Class (PFC)	Lance Corporal (LCpl)	Corporal (Cpl)	Sergeant (Sgt)	Staff Sergeant (SSgt)	Gunnery Sergeant (GySgt)	Master Sergeant (MSGt)	First Sergeant (1stSgt)	Master Gunnery Sergeant (MGySgt)	Sergeant Major (SgtMaj)	Sergeant Major of the Marine Corps (SgtMaj/MC)	

Navy

no insignia										
Seaman Recruit (SR)	Seaman Apprentice (SA)	Seaman (SN)	Petty Officer 3rd Class (PO3)	Petty Officer 2nd Class (PO2)	Petty Officer 1st Class (PO1)	Chief Petty Officer (CPO)	Senior Chief Petty Officer (SCPO)	Master Chief Petty Officer, Fleet/Force/Command Master Chief Petty Officer (MCPO)	Master Chief Petty Officer of the Navy (MCPON)	

Enlisted Navy rank courtesy of Design by Slice, Inc.

Officer

O-1	O-2	O-3	O-4	O-5	O-6	O-7	O-8	O-9	O-10
-----	-----	-----	-----	-----	-----	-----	-----	-----	------

Air Force, Army, Marine Corps

2nd Lieutenant (2nd Lt.)	1st Lieutenant (1st Lt.)	Captain (Capt.)	Major (Maj.)	Lieutenant Colonel (Lt. Col.)	Colonel (Col.)	Brigadier General (Brig. Gen.)	Major General (Maj. Gen.)	Lieutenant General (Lt. Gen.)	General (Gen.)	General of the Air Force General of the Army (reserved for wartime only)

Navy (sleeve insignia)

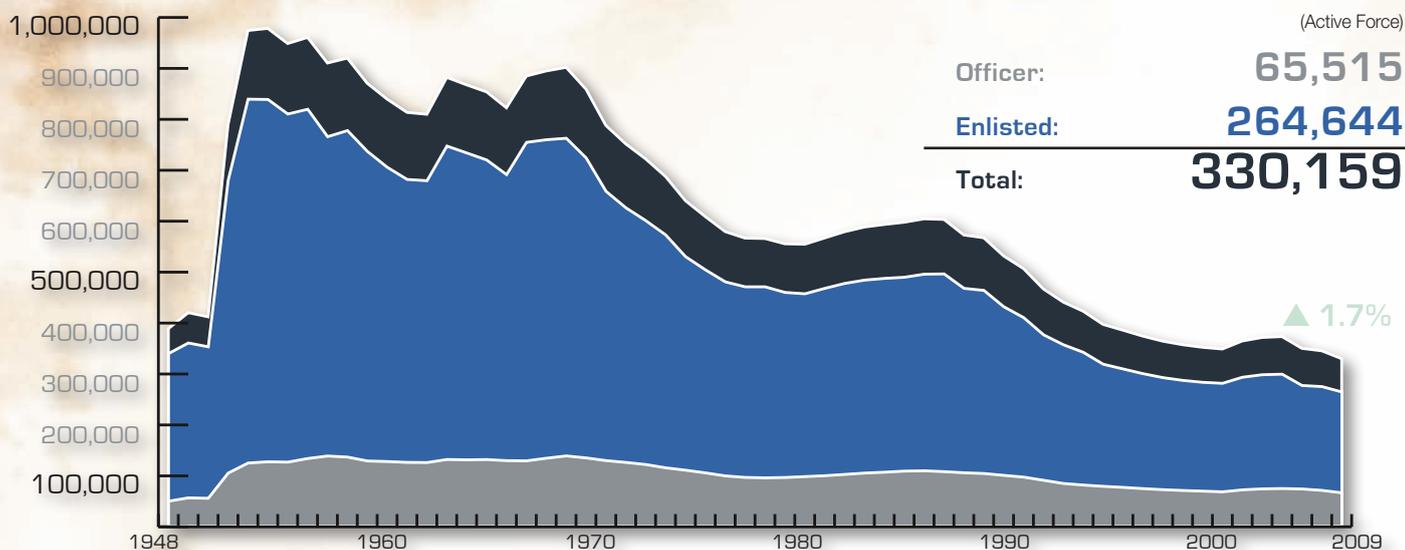
Ensign (ENS)	Lieutenant Junior Grade (LTJG)	Lieutenant (LT)	Lieutenant Commander (LCDR)	Commander (CDR)	Captain (CAPT)	Rear Admiral Lower Half (RADM)(L)	Rear Admiral Upper Half (RADM)(U)	Vice Admiral (VADM)	Admiral (ADM)	Fleet Admiral (reserved for wartime only)

Warrant Officer

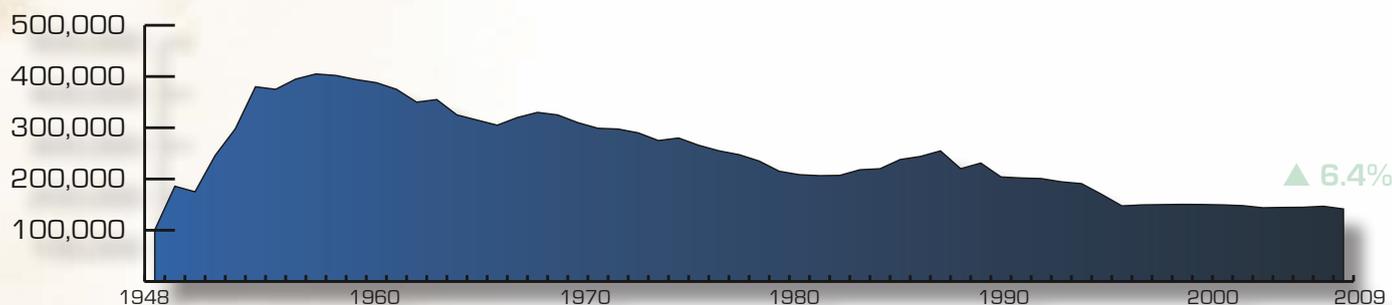
	WO1	WO2	WO3	WO4	CW5
Air Force	discontinued				
Army					
Marine Corps					
Navy					

PERSONNEL FACTS & FIGURES

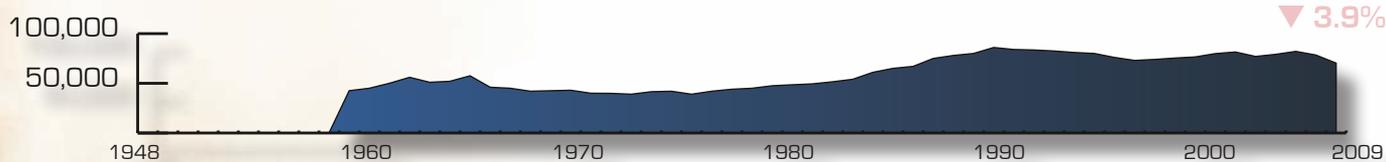
Total Active Duty strength, fiscal years 1948 - 2009 **330,159**



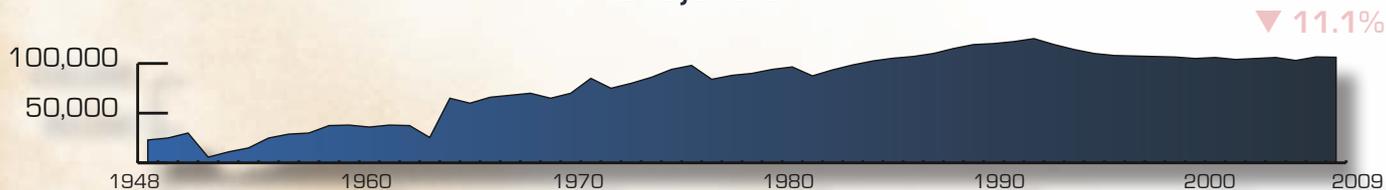
Civilian strength, fiscal years 1948 - 2009 **151,360**



Reserve strength, fiscal years 1958 - 2009 **68,872**

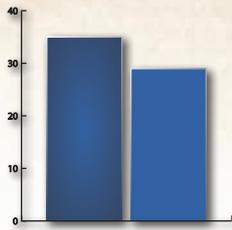


Air National Guard strength, fiscal years 1948 - 2009 **94,753**

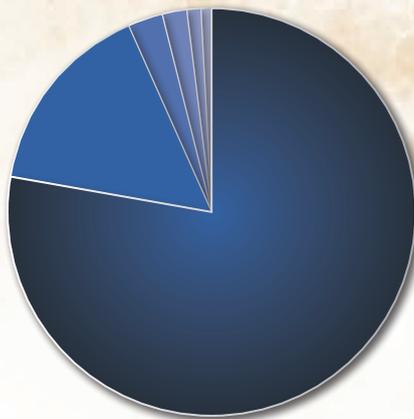


Source: Air Force Personnel Center
Current as of: 01/07/2010

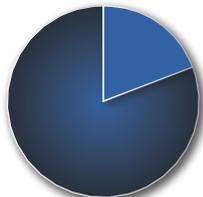
Active Air Force demographics



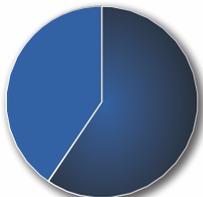
Age
 Average age of the officer force is **35**
 Average age of the enlisted force is **29**
 Of the force, **38.9%** are below the age of 26
 » **45.2%** of the enlisted force are below 26 versus **13.61%** of officers



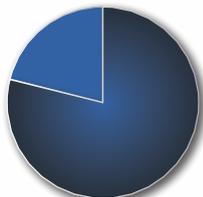
Race of Airmen
 The following percentages, which are self-reported, cover Air Force military members' racial information.
 white: **73.4%**
 African-American or black: **14.6%**
 Asian: **2.6%**
 more than one of the categories: **2.1%**
 American Hawaiian or other Pacific Islander: **1.0%**
 American Indian or native Alaskan: **0.6%**
5.6% declined to report their race



Gender
 men, total force: **80.6%**
 women, total force: **19.4%**
18.4% of the officers are women and **19.7%** of the enlisted force are women



Marital status
 married, total force: **59%**
71.3% of the officers; **56%** of the enlisted force
 single, total force: **41%**
 There are **32,977** active duty members married to another active duty member
 » **1,370** of these are married to members of other military services

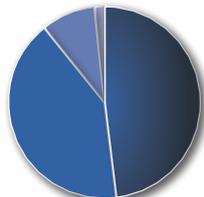


Overseas assignments
 assigned stateside: **80%**
 assigned overseas: **20%**
 (includes Alaska and Hawaii)
 » **9,634** officers and **57,554** enlisted

Family members
 supported by active-duty members: . . . **447,924**
353,228 family members reside in an Airman's household

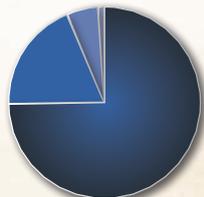
Total active federal military service
 The average total active federal military service is
 officer: **11 years**
 enlisted: **8 years**

Ethnicity
 "Hispanic or Latino" is now considered an ethnic, not a racial, category that is registered separately and in addition to the above racial categories.
 "Hispanic/Latino": **10.4%**
 "not Hispanic/Latino": **86%**
3.9% declined to respond



Officer academic education
 53% of the officers have advanced or professional degrees
 master's degrees: **42.5%**
 professional degrees: **9.5%**
 doctorate degrees: **1.4%**

Source of commission
 Air Force Academy: **20.48%**
 Reserve Officer Training Corps: **43.13%**
 Officer Training School: **19.38%**
 The remaining **17.02%** were commissioned through other sources (direct appointment, etc.).



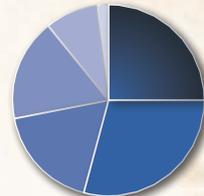
Enlisted academic education
 some semester hours: **70.2%**
 associate's degree or equivalent hours: **18.7%**
 bachelor's degree: **5.4%**
 master's degree: **0.9%**

Civilian employee demographics

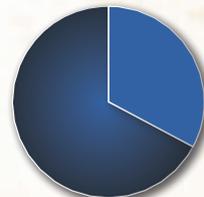
Citizenship
 U.S. citizens including U.S. nationals: **141,718**
9,637 are foreign national employees
5 are other non-U.S. employees in the U.S. or a U.S. territory

Age
 average age: **46.4 years**

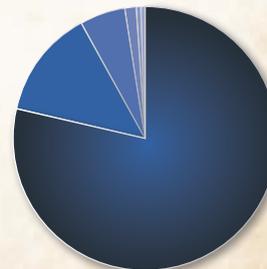
Length of service
 average length of service: **14.6 years**



Retirement eligibility
 more than 20 years: **27%**
 11-20 years: **28.9%**
 6-10 years: **17.3%**
 1-5 years: **16.3%**
 0-5 years ago: **8.7%**
 more than 5 years ago: **2%**



Gender
 men: **67%**
 women: **33%**



Race
 The following percentages cover self-reported Air Force civilian members' racial information.
 white: **70.9%**
 African American or black: **12%**
 Asian: **5%**
 American Indian or native Alaskan: **1.1%**
 more than one of the categories: **.9%**
 native Hawaiian or other Pacific Islander: **0.3%**
10.3% declined to report their race

Ethnicity
 "Hispanic or Latino" is now considered an ethnic, not a racial, category that is registered separately and in addition to the above racial categories.
 "Hispanic/Latino": **6.7%**
 "not Hispanic/Latino": **93.3%**

12 OUTSTANDING AIRMEN



**STAFF SGT.
JOHANNA S. AVILES**
AIR FORCE SPACE COMMAND
TECHNICIAN,
NETWORK OPERATIONS CENTER
National Reconnaissance Office
Los Angeles, Calif.



**SENIOR MASTER SGT.
MARY A. BECHDEL**
AIR FORCE ISR AGENCY
SUPERINTENDENT, OPERATIONS
13th Intelligence Squadron
Beale Air Force Base, Calif.



**MASTER SGT.
TYRONE F. BINGHAM**
AIR NATIONAL GUARD
HOST AVIATION RESOURCE MANAGER
170th Operations Support Squadron
Offutt Air Force Base, Neb.



**STAFF SGT.
CHANNEL H. BOLTON-SCHOLL**
AIR FORCE RESERVE COMMAND
AIRCRAFT MAINTENANCE TECHNICIAN
446th Maintenance Squadron
McChord Air Force Base, Wash.



**MASTER SGT.
JOHN T. CARTER**
U.S. AIR FORCES IN EUROPE
NONCOMMISSIONED OFFICER
IN CHARGE, RESOURCES
100th Security Forces Squadron
Royal Air Force Mildenhall, England



**TECH. SGT.
MANUEL J. HERRERA**
AIR MOBILITY COMMAND
NONCOMMISSIONED OFFICER
IN CHARGE
375th Civil Engineer Squadron Explosive
Ordnance Disposal Flight, Scott AFB, Ill.



**TECH. SGT.
BENJAMIN P. HORTON**
AIR FORCE MATERIEL COMMAND
EXPLOSIVE ORDNANCE
DISPOSAL TECHNICIAN
775th Civil Engineer Squadron
Hill AFB, Utah



**TECH. SGT.
JENNIFER S. LAUFER**
AIR FORCE SPACE COMMAND
CHAPLAIN ASSISTANT
42nd Air Base Wing
Maxwell AFB, Ala.



**TECH. SGT.
MARISOL M. LOZADA**
AIR FORCE SPECIAL OPERATIONS COMMAND
NONCOMMISSIONED OFFICER
IN CHARGE
27th Special Operations Medical Group
Cannon AFB, N.M.



**MASTER SGT.
CHRISTOPHER W. POLLOCK**
PACIFIC AIR FORCES
CHIEF, HORIZONTAL SECTION
18th Civil Engineer Squadron
Kadena Air Base, Japan



**SENIOR AIRMAN
ALEXANDER W. ROYAL,**
AIR FORCE SPECIAL OPERATIONS COMMAND
TACTICAL AIR CONTROL PARTY MEMBER
13th Air Support Squadron
Fort Carson, Colo.



**SENIOR MASTER SGT.
JEFFERY E. STEAGALL**
AIR FORCE SPACE COMMAND
MANAGER, COMMUNICATIONS
AND INFORMATION SYSTEMS
Air Force Space Command Office of the
Inspector General, Peterson AFB, Colo.

Source: Office of the Chief Master Sgt. of the Air Force



VOLUNTEER

WHAT ARE YOU WAITING FOR?

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Make a difference in today's Air Force by volunteering for a special duty assignment. You can learn more about these great opportunities by visiting your military personnel flight and talking to a **Career Assistance Advisor**.

To volunteer, check **EQUAL Plus** for job advertisements and apply online.

This is your time. This is your opportunity. What are you waiting for?



AIR FORCE ACTIVE MILITARY, GUARD AND RESERVE FACILITIES

REGION 1

Alaska
Clear AFS, AFSPC, ANG, DSN 317-585-6110 or 6409, commercial (907) 585-6110 or 6409. Location: Anderson.
Eielson AFB, PACAF, DSN 317-577-1110, commercial 907-377-1110. Size: 23,500 acres. Named for Carl Ben Eielson, arctic aviation pioneer who died in November 1929. Location: 26 miles southeast of Fairbanks.
Nellis AFB, AFSPC, ANG, DSN 317-577-8784, commercial 907-377-8784. ANG location: Eielson AFB. www.eielson.af.mil
Elmendorf AFB, PACAF, DSN 317-552-1110, commercial 907-552-1110. Size: 13,441 acres. Named for Capt. Hugh Elmendorf, killed Jan. 13, 1933, during flight testing at Wright Field, Ohio. Location: Anchorage. www.elmendorf.af.mil
King Salmon Airport, PACAF, DSN 317-552-1110, commercial 907-552-1110. Size: 13,441 acres. Named for Capt. Hugh Elmendorf, killed Jan. 13, 1933, during flight testing at Wright Field, Ohio. Location: Anchorage. www.elmendorf.af.mil
King Salmon Airport, PACAF, DSN 317-552-1110, commercial 907-552-1110 through Elmendorf AFB operator.
Kulis ANGB, ANG, DSN 317-626-8887, commercial 907-249-1176. Location: south of Ted Stevens Anchorage IAP. www.176wg.ang.af.mil

California
Beale AFB, ACC, DSN 368-1110, commercial 530-634-3000. Size: 22,944 acres. Named for Brig. Gen. E.F. Beale, surveyor general of California and Nevada before Civil War. Location: 13 miles east of Marysville. www.beale.af.mil
Channel Islands ANGS, ANG, DSN 893-7000, commercial 805-986-9000. Location: Point Mugu.
Edwards AFB, AFMC, DSN 527-1110, commercial 661-277-1110. Size: 301,114 acres. Named for Capt. Glen W. Edwards, killed in YF-49 crash, June 5, 1948. Location: Main base 16 miles east of Rosamond. www.edwards.af.mil
Fresno ANGB, ANG, DSN: 839-5100, commercial 559-454-5100. Location: Fresno.
Los Angeles AFB, AFSPC, Space and Missile Systems Center, DSN 633-1110, commercial 310-663-1110. Size: 220 acres (including new main base Schriever Space Complex; Fort MacArthur Annex, housing areas in San Pedro, 20 miles south). Location: 2.5 miles south of Los Angeles IAP in El Segundo. www.losangeles.af.mil
March AFB, ANG, AFRC, DSN 447-1110, commercial 951-655-1110. Location: 9 miles southeast of Riverside.
Marshall AFB, ANG, DSN 359-9333, commercial 650-693-9333. Location: 2 miles north of Mountain View.
Onizuka AFS, AFSPC, DSN 561-3000, commercial 408-752-3000. Location: Sunnyvale. www.schriever.af.mil/onizuka "Scheduled to close in 2011."
Travis AFB, AMC, DSN 837-1110, commercial 707-424-1110. Size: 7,069.09 acres. Named for Brig. Gen. Robert F. Travis, killed in a B-29 accident Aug. 5, 1950. Location: next to Fairfield. www.travis.af.mil
Vandenberg AFB, AFSPC, DSN 276-1110, commercial 805-606-1110. Size: 99,957 acres. Named for Gen. Hoyt S. Vandenberg, Air Force's second chief of staff. Location: 8 miles north-west of Lompoc. www.vandenberg.af.mil

Colorado
Buckley AFB, AFSPC, DSN 847-9011, commercial 720-847-9011. Size: 3,831 acres. Location: Ft. Collins. H. Buckley, pilot from Longmont, Colo., killed in France Sept. 27, 1918. Location: 8 miles east of Denver. www.buckley.af.mil
Cheyenne Mountain AFS, AFSPC, DSN 285-2055, commercial 719-474-2055. Location: Cheyenne. DSN 834-7011, commercial 719-556-7321. Size: 1,277 acres. Named for 1st Lt. Edward J. Peterson, killed in aircraft crash on base Aug. 8, 1942. Location: east of Colorado Springs. www.peterson.af.mil
Schriever AFB, AFSPC, DSN 461-1110, commercial 325-696-1110. Size: 3,840 acres. Named for retired Gen. Bernard Schriever. Location: 10 miles east of Colorado Springs. www.schriever.af.mil
U.S. Air Force Academy, ACC, DSN 333-1110, commercial 719-333-1110. Location: Colorado Springs.

Florida
Homestead AFB, ANG, DSN 317-585-6110, commercial 305-829-8080. Named for 2nd Lt. Franklin B. Bellows, World War I Distinguished Service Cross recipient, killed in reconnaissance mission Sept. 13, 1918. Location: Windward shore of Oahu. www.bellows.af.mil
Hickam AFB, PACAF, DSN 315-449-7110, commercial 808-449-7110. Size: 2,855 acres. Named for Lt. Col. Horace M. Hickam, air pioneer, killed in a crash Nov. 5, 1934. Location: 9 miles west of Honolulu. www.2hickam.af.mil

REGION 2

Washington
Fairchild AFB, AMC, DSN 657-1110, commercial 509-247-1212. Size: 4,351 acres. Named for Gen. Maur S. Fairchild, Air Force vice chief of staff at the time of his death in 1950. Location: 12 miles west-southwest of Spokane. www.fairchild.af.mil
Joint Base Lewis-McChord, ANG, DSN 382-1110, commercial 253-962-1110. Size: 4,639 acres. Named for Col. William C. McChord, killed Aug. 18, 1937, during a forced landing in Virginia. Location: 8 miles south of Tacoma. www.mcchord.af.mil

REGION 3

Idaho
Boise Air Terminal (Gowen Field), ANG, DSN 422-5322, commercial 208-422-5322. Location: 6 miles south of Boise at air terminal. www.124hw.ang.af.mil
Mountain Home AFB, ACC, DSN 728-1110, commercial 208-828-1110. Size: 9,112 acres. Location: 10 miles southwest of Mountain Home. www.mountainhome.af.mil

REGION 4

Arizona
Beale AFB, ACC, DSN 368-1110, commercial 530-634-3000. Size: 22,944 acres. Named for Brig. Gen. E.F. Beale, surveyor general of California and Nevada before Civil War. Location: 13 miles east of Marysville. www.beale.af.mil
Channel Islands ANGS, ANG, DSN 893-7000, commercial 805-986-9000. Location: Point Mugu.
Edwards AFB, AFMC, DSN 527-1110, commercial 661-277-1110. Size: 301,114 acres. Named for Capt. Glen W. Edwards, killed in YF-49 crash, June 5, 1948. Location: Main base 16 miles east of Rosamond. www.edwards.af.mil
Fresno ANGB, ANG, DSN: 839-5100, commercial 559-454-5100. Location: Fresno.
Los Angeles AFB, AFSPC, Space and Missile Systems Center, DSN 633-1110, commercial 310-663-1110. Size: 220 acres (including new main base Schriever Space Complex; Fort MacArthur Annex, housing areas in San Pedro, 20 miles south). Location: 2.5 miles south of Los Angeles IAP in El Segundo. www.losangeles.af.mil
March AFB, ANG, AFRC, DSN 447-1110, commercial 951-655-1110. Location: 9 miles southeast of Riverside.
Marshall AFB, ANG, DSN 359-9333, commercial 650-693-9333. Location: 2 miles north of Mountain View.
Onizuka AFS, AFSPC, DSN 561-3000, commercial 408-752-3000. Location: Sunnyvale. www.schriever.af.mil/onizuka "Scheduled to close in 2011."
Travis AFB, AMC, DSN 837-1110, commercial 707-424-1110. Size: 7,069.09 acres. Named for Brig. Gen. Robert F. Travis, killed in a B-29 accident Aug. 5, 1950. Location: next to Fairfield. www.travis.af.mil
Vandenberg AFB, AFSPC, DSN 276-1110, commercial 805-606-1110. Size: 99,957 acres. Named for Gen. Hoyt S. Vandenberg, Air Force's second chief of staff. Location: 8 miles north-west of Lompoc. www.vandenberg.af.mil

REGION 5

Montana
Great Falls IAP, ANG, DSN 791-0202, commercial 406-791-0202. Location: 5 miles southwest of Great Falls.
Malmstrom AFB, AFSPC, 341st Missile Wing. DSN 481-1110, commercial 406-773-1110. Size: 3,573 acres. Named for Col. Einar A. Malmstrom, killed Aug. 24, 1954, in aircraft accident. Location: One-half miles east of Great Falls. www.malmstrom.af.mil

REGION 6

Nebraska
Lincoln Municipal Airport, ANG, DSN 279-1110, commercial 402-309-1552. Location: Lincoln.
Offutt AFB, ACC, DSN 271-1110, commercial 402-294-1110. Size: 4,006 acres (including housing area and off-base sites). Named for 1st Lt. Jarvis J. Offutt, pilot who died Aug. 13, 1918. Location: 8 miles south of Omaha. www.offutt.af.mil

REGION 7

North Dakota
Cavalier AFS, AFSPC, DSN 330-3292, commercial 701-953-3292. Location: Grand Forks.
Grand Forks AFB, AMC, DSN 362-3000, commercial 701-747-3000. Size: 4,830 acres. Location: 16 miles west of Grand Forks. www.grandforks.af.mil
Hector IAP, ANG, DSN 362-8110, commercial 701-241-7241. Location: Fargo.
Minot AFB, AFSPC, DSN 453-1110, commercial 701-722-1110. Size: 5,085 acres. Named for city of Minot that donated money to purchase base land. Location: 13 miles north of Minot. www.minot.af.mil

REGION 8

South Dakota
Elisworth AFB, ACC, DSN 675-1110, commercial 605-385-1000. Size: 7,922 acres (5,411 acres on base). Named for Brig. Gen. Richard E. Elisworth, killed March 18, 1953, in an RB-36 plane crash in Newfoundland. Location: 12 miles east-northeast of Rapid City. www.elisworth.af.mil

REGION 9

Utah
Hill AFB, AFMC, DSN 777-1110, commercial 801-777-1110. Size: 961,991 acres. Named for Maj. Ployer P. Hill, killed Oct. 30, 1935, on test flight of first B-17. Location: 8 miles south of Ogden. www.hill.af.mil
Salt Lake City IAP, ANG, DSN: 245-2200, commercial 801-245-2200. Location: East side of main airport, 5-mile drive from the Salt Lake IAP terminals.

Nevada
Creech AFB, ACC, DSN 384-1371, commercial 702-404-1371 through Nellis AFB operator. Named for Gen. Wilbur L. "Bill" Creech, father of Thunderbirds, the Air Force's premier air demonstration squadron. Location: 45 miles northwest of Las Vegas.
Nellis AFB, ACC, DSN 682-1110, commercial 702-853-1110. Size: 2.9 million-acre restricted range, 15,000 square miles of airspace. Named for 1st Lt. William H. Nellis, P-47 pilot killed in Europe Dec. 27, 1944. Location: northeast of Las Vegas. www.nellis.af.mil
Reno-Tahoe IAP, ANG, DSN 830-4500, commercial 775-788-4500. Location: 5 miles southeast of Reno.

REGION 10

California
Beale AFB, ACC, DSN 368-1110, commercial 530-634-3000. Size: 22,944 acres. Named for Brig. Gen. E.F. Beale, surveyor general of California and Nevada before Civil War. Location: 13 miles east of Marysville. www.beale.af.mil
Channel Islands ANGS, ANG, DSN 893-7000, commercial 805-986-9000. Location: Point Mugu.
Edwards AFB, AFMC, DSN 527-1110, commercial 661-277-1110. Size: 301,114 acres. Named for Capt. Glen W. Edwards, killed in YF-49 crash, June 5, 1948. Location: Main base 16 miles east of Rosamond. www.edwards.af.mil
Fresno ANGB, ANG, DSN: 839-5100, commercial 559-454-5100. Location: Fresno.
Los Angeles AFB, AFSPC, Space and Missile Systems Center, DSN 633-1110, commercial 310-663-1110. Size: 220 acres (including new main base Schriever Space Complex; Fort MacArthur Annex, housing areas in San Pedro, 20 miles south). Location: 2.5 miles south of Los Angeles IAP in El Segundo. www.losangeles.af.mil
March AFB, ANG, AFRC, DSN 447-1110, commercial 951-655-1110. Location: 9 miles southeast of Riverside.
Marshall AFB, ANG, DSN 359-9333, commercial 650-693-9333. Location: 2 miles north of Mountain View.
Onizuka AFS, AFSPC, DSN 561-3000, commercial 408-752-3000. Location: Sunnyvale. www.schriever.af.mil/onizuka "Scheduled to close in 2011."
Travis AFB, AMC, DSN 837-1110, commercial 707-424-1110. Size: 7,069.09 acres. Named for Brig. Gen. Robert F. Travis, killed in a B-29 accident Aug. 5, 1950. Location: next to Fairfield. www.travis.af.mil
Vandenberg AFB, AFSPC, DSN 276-1110, commercial 805-606-1110. Size: 99,957 acres. Named for Gen. Hoyt S. Vandenberg, Air Force's second chief of staff. Location: 8 miles north-west of Lompoc. www.vandenberg.af.mil

REGION 11

Colorado
Buckley AFB, AFSPC, DSN 847-9011, commercial 720-847-9011. Size: 3,831 acres. Location: Ft. Collins. H. Buckley, pilot from Longmont, Colo., killed in France Sept. 27, 1918. Location: 8 miles east of Denver. www.buckley.af.mil
Cheyenne Mountain AFS, AFSPC, DSN 285-2055, commercial 719-474-2055. Location: Cheyenne. DSN 834-7011, commercial 719-556-7321. Size: 1,277 acres. Named for 1st Lt. Edward J. Peterson, killed in aircraft crash on base Aug. 8, 1942. Location: east of Colorado Springs. www.peterson.af.mil
Schriever AFB, AFSPC, DSN 461-1110, commercial 325-696-1110. Size: 3,840 acres. Named for retired Gen. Bernard Schriever. Location: 10 miles east of Colorado Springs. www.schriever.af.mil
U.S. Air Force Academy, ACC, DSN 333-1110, commercial 719-333-1110. Location: Colorado Springs.

REGION 12

Florida
Homestead AFB, ANG, DSN 317-585-6110, commercial 305-829-8080. Named for 2nd Lt. Franklin B. Bellows, World War I Distinguished Service Cross recipient, killed in reconnaissance mission Sept. 13, 1918. Location: Windward shore of Oahu. www.bellows.af.mil
Hickam AFB, PACAF, DSN 315-449-7110, commercial 808-449-7110. Size: 2,855 acres. Named for Lt. Col. Horace M. Hickam, air pioneer, killed in a crash Nov. 5, 1934. Location: 9 miles west of Honolulu. www.2hickam.af.mil

REGION 13

Montana
Great Falls IAP, ANG, DSN 791-0202, commercial 406-791-0202. Location: 5 miles southwest of Great Falls.
Malmstrom AFB, AFSPC, 341st Missile Wing. DSN 481-1110, commercial 406-773-1110. Size: 3,573 acres. Named for Col. Einar A. Malmstrom, killed Aug. 24, 1954, in aircraft accident. Location: One-half miles east of Great Falls. www.malmstrom.af.mil

REGION 14

Nebraska
Lincoln Municipal Airport, ANG, DSN 279-1110, commercial 402-309-1552. Location: Lincoln.
Offutt AFB, ACC, DSN 271-1110, commercial 402-294-1110. Size: 4,006 acres (including housing area and off-base sites). Named for 1st Lt. Jarvis J. Offutt, pilot who died Aug. 13, 1918. Location: 8 miles south of Omaha. www.offutt.af.mil

REGION 15

North Dakota
Cavalier AFS, AFSPC, DSN 330-3292, commercial 701-953-3292. Location: Grand Forks.
Grand Forks AFB, AMC, DSN 362-3000, commercial 701-747-3000. Size: 4,830 acres. Location: 16 miles west of Grand Forks. www.grandforks.af.mil
Hector IAP, ANG, DSN 362-8110, commercial 701-241-7241. Location: Fargo.
Minot AFB, AFSPC, DSN 453-1110, commercial 701-722-1110. Size: 5,085 acres. Named for city of Minot that donated money to purchase base land. Location: 13 miles north of Minot. www.minot.af.mil

REGION 16

South Dakota
Elisworth AFB, ACC, DSN 675-1110, commercial 605-385-1000. Size: 7,922 acres (5,411 acres on base). Named for Brig. Gen. Richard E. Elisworth, killed March 18, 1953, in an RB-36 plane crash in Newfoundland. Location: 12 miles east-northeast of Rapid City. www.elisworth.af.mil

REGION 17

Utah
Hill AFB, AFMC, DSN 777-1110, commercial 801-777-1110. Size: 961,991 acres. Named for Maj. Ployer P. Hill, killed Oct. 30, 1935, on test flight of first B-17. Location: 8 miles south of Ogden. www.hill.af.mil
Salt Lake City IAP, ANG, DSN: 245-2200, commercial 801-245-2200. Location: East side of main airport, 5-mile drive from the Salt Lake IAP terminals.

REGION 18

Nevada
Creech AFB, ACC, DSN 384-1371, commercial 702-404-1371 through Nellis AFB operator. Named for Gen. Wilbur L. "Bill" Creech, father of Thunderbirds, the Air Force's premier air demonstration squadron. Location: 45 miles northwest of Las Vegas.
Nellis AFB, ACC, DSN 682-1110, commercial 702-853-1110. Size: 2.9 million-acre restricted range, 15,000 square miles of airspace. Named for 1st Lt. William H. Nellis, P-47 pilot killed in Europe Dec. 27, 1944. Location: northeast of Las Vegas. www.nellis.af.mil
Reno-Tahoe IAP, ANG, DSN 830-4500, commercial 775-788-4500. Location: 5 miles southeast of Reno.

REGION 19

California
Beale AFB, ACC, DSN 368-1110, commercial 530-634-3000. Size: 22,944 acres. Named for Brig. Gen. E.F. Beale, surveyor general of California and Nevada before Civil War. Location: 13 miles east of Marysville. www.beale.af.mil
Channel Islands ANGS, ANG, DSN 893-7000, commercial 805-986-9000. Location: Point Mugu.
Edwards AFB, AFMC, DSN 527-1110, commercial 661-277-1110. Size: 301,114 acres. Named for Capt. Glen W. Edwards, killed in YF-49 crash, June 5, 1948. Location: Main base 16 miles east of Rosamond. www.edwards.af.mil
Fresno ANGB, ANG, DSN: 839-5100, commercial 559-454-5100. Location: Fresno.
Los Angeles AFB, AFSPC, Space and Missile Systems Center, DSN 633-1110, commercial 310-663-1110. Size: 220 acres (including new main base Schriever Space Complex; Fort MacArthur Annex, housing areas in San Pedro, 20 miles south). Location: 2.5 miles south of Los Angeles IAP in El Segundo. www.losangeles.af.mil
March AFB, ANG, AFRC, DSN 447-1110, commercial 951-655-1110. Location: 9 miles southeast of Riverside.
Marshall AFB, ANG, DSN 359-9333, commercial 650-693-9333. Location: 2 miles north of Mountain View.
Onizuka AFS, AFSPC, DSN 561-3000, commercial 408-752-3000. Location: Sunnyvale. www.schriever.af.mil/onizuka "Scheduled to close in 2011."
Travis AFB, AMC, DSN 837-1110, commercial 707-424-1110. Size: 7,069.09 acres. Named for Brig. Gen. Robert F. Travis, killed in a B-29 accident Aug. 5, 1950. Location: next to Fairfield. www.travis.af.mil
Vandenberg AFB, AFSPC, DSN 276-1110, commercial 805-606-1110. Size: 99,957 acres. Named for Gen. Hoyt S. Vandenberg, Air Force's second chief of staff. Location: 8 miles north-west of Lompoc. www.vandenberg.af.mil

REGION 20

Colorado
Buckley AFB, AFSPC, DSN 847-9011, commercial 720-847-9011. Size: 3,831 acres. Location: Ft. Collins. H. Buckley, pilot from Longmont, Colo., killed in France Sept. 27, 1918. Location: 8 miles east of Denver. www.buckley.af.mil
Cheyenne Mountain AFS, AFSPC, DSN 285-2055, commercial 719-474-2055. Location: Cheyenne. DSN 834-7011, commercial 719-556-7321. Size: 1,277 acres. Named for 1st Lt. Edward J. Peterson, killed in aircraft crash on base Aug. 8, 1942. Location: east of Colorado Springs. www.peterson.af.mil
Schriever AFB, AFSPC, DSN 461-1110, commercial 325-696-1110. Size: 3,840 acres. Named for retired Gen. Bernard Schriever. Location: 10 miles east of Colorado Springs. www.schriever.af.mil
U.S. Air Force Academy, ACC, DSN 333-1110, commercial 719-333-1110. Location: Colorado Springs.

REGION 21

Florida
Homestead AFB, ANG, DSN 317-585-6110, commercial 305-829-8080. Named for 2nd Lt. Franklin B. Bellows, World War I Distinguished Service Cross recipient, killed in reconnaissance mission Sept. 13, 1918. Location: Windward shore of Oahu. www.bellows.af.mil
Hickam AFB, PACAF, DSN 315-449-7110, commercial 808-449-7110. Size: 2,855 acres. Named for Lt. Col. Horace M. Hickam, air pioneer, killed in a crash Nov. 5, 1934. Location: 9 miles west of Honolulu. www.2hickam.af.mil

REGION 22

Montana
Great Falls IAP, ANG, DSN 791-0202, commercial 406-791-0202. Location: 5 miles southwest of Great Falls.
Malmstrom AFB, AFSPC, 341st Missile Wing. DSN 481-1110, commercial 406-773-1110. Size: 3,573 acres. Named for Col. Einar A. Malmstrom, killed Aug. 24, 1954, in aircraft accident. Location: One-half miles east of Great Falls. www.malmstrom.af.mil

REGION 23

Nebraska
Lincoln Municipal Airport, ANG, DSN 279-1110, commercial 402-309-1552. Location: Lincoln.
Offutt AFB, ACC, DSN 271-1110, commercial 402-294-1110. Size: 4,006 acres (including housing area and off-base sites). Named for 1st Lt. Jarvis J. Offutt, pilot who died Aug. 13, 1918. Location: 8 miles south of Omaha. www.offutt.af.mil

REGION 24

North Dakota
Cavalier AFS, AFSPC, DSN 330-3292, commercial 701-953-3292. Location: Grand Forks.
Grand Forks AFB, AMC, DSN 362-3000, commercial 701-747-3000. Size: 4,830 acres. Location: 16 miles west of Grand Forks. www.grandforks.af.mil
Hector IAP, ANG, DSN 362-8110, commercial 701-241-7241. Location: Fargo.
Minot AFB, AFSPC, DSN 453-1110, commercial 701-722-1110. Size: 5,085 acres. Named for city of Minot that donated money to purchase base land. Location: 13 miles north of Minot. www.minot.af.mil

REGION 25

South Dakota
Elisworth AFB, ACC, DSN 675-1110, commercial 605-385-1000. Size: 7,922 acres (5,411 acres on base). Named for Brig. Gen. Richard E. Elisworth, killed March 18, 1953, in an RB-36 plane crash in Newfoundland. Location: 12 miles east-northeast of Rapid City. www.elisworth.af.mil

REGION 26

Utah
Hill AFB, AFMC, DSN 777-1110, commercial 801-777-1110. Size: 961,991 acres. Named for Maj. Ployer P. Hill, killed Oct. 30, 1935, on test flight of first B-17. Location: 8 miles south of Ogden. www.hill.af.mil
Salt Lake City IAP, ANG, DSN: 245-2200, commercial 801-245-2200. Location: East side of main airport, 5-mile drive from the Salt Lake IAP terminals.

REGION 27

Nevada
Creech AFB, ACC, DSN 384-1371, commercial 702-404-1371 through Nellis AFB operator. Named for Gen. Wilbur L. "Bill" Creech, father of Thunderbirds, the Air Force's premier air demonstration squadron. Location: 45 miles northwest of Las Vegas.
Nellis AFB, ACC, DSN 682-1110, commercial 702-853-1110. Size: 2.9 million-acre restricted range, 15,000 square miles of airspace. Named for 1st Lt. William H. Nellis, P-47 pilot killed in Europe Dec. 27, 1944. Location: northeast of Las Vegas. www.nellis.af.mil
Reno-Tahoe IAP, ANG, DSN 830-4500, commercial 775-788-4500. Location: 5 miles southeast of Reno.

REGION 28

California
Beale AFB, ACC, DSN 368-1110, commercial 530-634-3000. Size: 22,944 acres. Named for Brig. Gen. E.F. Beale, surveyor general of California and Nevada before Civil War. Location: 13 miles east of Marysville. www.beale.af.mil
Channel Islands ANGS, ANG, DSN 893-7000, commercial 805-986-9000. Location: Point Mugu.
Edwards AFB, AFMC, DSN 527-1110, commercial 661-277-1110. Size: 301,114 acres. Named for Capt. Glen W. Edwards, killed in YF-49 crash, June 5, 1948. Location: Main base 16 miles east of Rosamond. www.edwards.af.mil
Fresno ANGB, ANG, DSN: 839-5100, commercial 559-454-5100. Location: Fresno.
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March AFB, ANG, AFRC, DSN 447-1110, commercial 951-655-1110. Location: 9 miles southeast of Riverside.
Marshall AFB, ANG, DSN 359-9333, commercial 650-693-9333. Location: 2 miles north of Mountain View.
Onizuka AFS, AFSPC, DSN 561-3000, commercial 408-752-3000. Location: Sunnyvale. www.schriever.af.mil/onizuka "Scheduled to close in 2011."
Travis AFB, AMC, DSN 837-1110, commercial 707-424-1110. Size: 7,069.09 acres. Named for Brig. Gen. Robert F. Travis, killed in a B-29 accident Aug. 5, 1950. Location: next to Fairfield. www.travis.af.mil
Vandenberg AFB, AFSPC, DSN 276-1110, commercial 805-606-1110. Size: 99,957 acres. Named for Gen. Hoyt S. Vandenberg, Air Force's second chief of staff. Location: 8 miles north-west of Lompoc. www.vandenberg.af.mil

REGION 29

Colorado
Buckley AFB, AFSPC, DSN 847-9011, commercial 720-847-9011. Size: 3,83