Major Commands

A major command is a subdivision of the Air Force assigned a major part of the Air Force mission and directly subordinate to Hq. USAF. In general, there are two types of major commands: operational and support.

Air Combat Command

Headquarters Langley AFB, Va.
Established June 1, 1992
Commander Gen. Richard E. Hawley

Operate certain air mobility forces in support of US Transportation Command

EQUIPMENT
(Primary Aircraft Inventory)
Bombers (B-1B, B-2, B-52H) ....... 104
Fighters (F-15A/C, F-16, F-4) ...... 379
Attack aircraft (A/OA-10, F-15E, F-117A) .................... 186
EC/EW aircraft (EF-111A) ........... 28
Aerial refuelers (KC-135E/R) ........ 6
Combat delivery (C-27) .............. 9
Rescue (HC-130, HH-60) ............ 36
Reconnaissance (U-2, RC-135, SR-71, E-8C) ................ 45
Predator UAV .......................... 3
Other aircraft (all types) .............. 66

FORCE STRUCTURE
Four numbered air forces: 1st (ANG), Tyndall AFB, Fla.; 8th, Barksdale AFB, La.; 9th, Shaw AFB, S.C.; 12th, Davis-Monthan AFB, Ariz.

One direct reporting unit:
Air Warfare Center
25 wings

PERSONNEL
Active-duty ....................... 113,868
Officers ....................... 14,495
Enlisted ....................... 99,373
Reserve component ............. 94,739
ANG............................ 72,507
AFRC.......................... 22,232
Civilian .......................... 13,148
Total ............................ 221,755
(Does not include transfer of C-130 and C-21 authorizations)

MISSIONS
Operate USAF bombers
Operate USAF’s CONUS-based combat-coded fighter and attack aircraft and combat-support coded reconnaissance, rescue, battle management, and command-and-control aircraft
Organize, train, equip, and maintain combat-ready forces for rapid deployment and employment to meet the challenges of peacetime air sovereignty and wartime defense
Provide air combat forces to America’s warfighting commands
Provide nuclear-capable forces for US Strategic Command

COROLLARY MISSIONS
Monitor and intercept illegal drug traffic
Test new combat equipment

OTHER RESPONSIBILITIES
Supply aircraft to the five geographic unified commands: Atlantic, European, Pacific, Southern, and Central Commands
Provide air defense forces to North American Aerospace Defense Command

Though it is based in the US, ACC is not a stay-at-home command. Its aircraft travel all over the globe in exercises, in support of combatant commands, and as elements of air expeditionary forces.

For CEsT ruC tuE: Four numbered air forces:
1st (ANG), Tyndall AFB, Fla.; 8th, Barksdale AFB, La.; 9th, Shaw AFB, S.C.; 12th, Davis-Monthan AFB, Ariz.

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ANG............................ 72,507
AFRC.......................... 22,232
Civilian .......................... 13,148
Total ............................ 221,755
(Does not include transfer of C-130 and C-21 authorizations)
**OPERATIONAL ACTIVITY**

Flying hours .......... 33,640 per month

Major overseas deployments
Bright Star (Central Command),
Central Enterprise, Crested Cap (European Command),
Cobra Gold (Pacific Command),
Northern Viking, Strong

Resolve (Atlantic Command), Joint
Endeavor

**Major CONUS JCS exercises**
JTFEX (USACOM)
Roving Sands (USACOM)

**Major training exercises**
Air Warrior, Nellis AFB, Nev.

Air Warrior II, Barksdale AFB, La.,
and Little Rock AFB, Ark.
Blue Flag, Hurlburt Field, Fla.
Coalition Flag, Nellis AFB, Nev.
Green Flag, Nellis AFB, Nev.
Maple Flag, CFB Cold Lake, Canada
Red Flag, Nellis AFB, Nev.

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**UNIT**

| 1st Fighter Wing | Langley AFB, Va. | F-15C/D |
| 2d Bomb Wing | Barksdale AFB, La. | B-52H |
| 4th Fighter Wing | Seymour Johnson AFB, N.C. | F-15E |
| 5th Bomb Wing | Minot AFB, N.D. | B-52H |
| 7th Wing | Dyess AFB, Tex. | B-1B |
| 20th Fighter Wing | Shaw AFB, S.C. | F-16C/D |
| 23d Fighter Group | Pope AFB, N.C. | A/OA-10 |
| 24th Wing | Howard AFB, Panama | C-21A, C-27, CT-43 |
| 27th Fighter Wing | Cannon AFB, N.M. | F-16C/D, EF-111A |
| 28th Bomb Wing | Ellsworth AFB, S.D. | B-1B |
| 33d Fighter Wing | Eglin AFB, Fla. | F-15C |
| 49th Fighter Wing | Holloman AFB, N.M. | F-4, F-117A, AT-38B, HH-60 |
| 53d Wing | Eglin AFB, Fla. | F-15C/D/E, F-16A/C, EF-111A |
| 57th Wing | Nellis AFB, Nev. | A-10, F-15C/D/E, F-16, HH-60, Predator UAV |
| 65th Air Base Wing | Lajes Field, the Azores (support) | — |
| 85th Group | NAS Keflavik, Iceland | HH-60 |
| 93d Air Control Wing | Robins AFB, Ga. | E-8C |
| 99th Air Base Wing | Nellis AFB, Nev. | — |
| 347th Wing | Moody AFB, Ga. | F-16C/D, A/OA-10, HC-130, HH-60 |
| 355th Wing | Davis-Monthan AFB, Ariz. | A/OA-10, EC-130E/H |
| 366th Wing | Mountain Home AFB, Idaho | F-15C/D/E, F-16C/D, KC-135R, B-1B |
| 388th Fighter Wing | Hill AFB, Utah | F-16C/D |
| 475th Weapons Evaluation Group* | Tyndall AFB, Fla. | E-9A, QF-106, QF-4 |
| 509th Bomb Wing | Whiteman AFB, Mo. | B-2, T-38 |
| 552d Air Control Wing | Tinker AFB, Okla. | E-3B/C |

*Part of 53d Wing.
Parts of ACC trace their roots to Tactical Air Command, which existed before the Air Force itself. These 69th Fighter Squadron pilots were assigned to TAC but attached to Far East Air Forces for operations in the Korean War. They are celebrating their 100th missions in September 1952.

By 1968, tactical airpower had changed drastically. These F-4s from the 469th Tactical Fighter Squadron could carry twice as many bombs twice as fast as the F-84. Like the F-84, they had an air refueling capability (note the KC-135 in the background).

The F-15 made the transition from TAC to ACC after a stellar performance in the Persian Gulf War, during which USAF F-15 pilots downed 36 Iraqi aircraft (including a helicopter) without losing a single F-15 to enemy fire. The F-15 will continue as USAF’s main air-superiority fighter until well after the F-22 reaches initial operational capability in 2004.
1st AIR FORCE (ANG) • HEADQUARTERS, TYNDALL AFB, FLA.

Commander
Maj. Gen. Phillip G. Killey

Southeast Air Defense Sector (ANG)
Tyndall AFB, Fla.

Northeast Air Defense Sector (ANG)
Rome, N.Y.

Western Air Defense Sector (ANG)
McChord AFB, Wash.

8th AIR FORCE (ACC) • HEADQUARTERS, BARKSDALE AFB, LA.

Commander
Lt. Gen. Phillip J. Ford

509th Bomb Wing
Whiteman AFB, Mo.
(B-2, T-38)

27th Fighter Wing
Cannon AFB, N. M.
(F-16C/D, EF-111A)

5th Bomb Wing
Minot AFB, N. D.
(B-52H)

28th Bomb Wing
Ellsworth AFB, S. D.
(B-1B)

7th Wing
Dyess AFB, Tex.
(B-1B)

2d Bomb Wing
Barksdale AFB, La.
(B-52H)

65th Air Base Wing
Lajes Field, the Azores
(support)

85th Group
Nas Keflavik, Iceland
(HH-60)

9th AIR FORCE (ACC) • HEADQUARTERS, SHAW AFB, S. C.

Commander
Lt. Gen. Carl E. Franklin

1st Fighter Wing
Langley AFB, Va.
(F-15C/D)

4th Fighter Wing
Seymour Johnson AFB, N. C.
(F-15E)

23d Fighter Group
Pope AFB, N. C.¹
(A/OA-10)

33d Fighter Wing
Eglin AFB, Fla.
(F-15C)

347th Wing
Moody AFB, Ga.
(F-16C/D, A/OA-10, HH-60, HC-130)

93d Air Control Wing
Robins AFB, Ga.
(E-8C)

20th Fighter Wing
Shaw AFB, S. C.
(F-16C/D)

¹Pope AFB slated to transfer to AMC April 1997.
When the Air Force needed a bomber capable of Mach 2 speed, the aptly named B-58 Hustler was there to answer the call. After more than three decades, the Hustler still holds some world speed records and once flew from Los Angeles to New York in two hours, 56 seconds.

Much of the old Strategic Air Command also now belongs to ACC. The B-36 Peacemaker became a symbol for the nuclear age and intercontinental delivery of atomic weapons. It was also central to a dispute between the newborn Air Force and the Navy—now known as the “Revolt of the Admirals.”

Like the F-15, the B-52 is a weapon system that made the transition to ACC. This impressive load of bombs is just a portion of what the Stratofortress can—and did—carry in action against both North Vietnam and Iraq. Part of the nuclear deterrent for decades, the B-52 will soldier on into the next century in a conventional role.
**AETC**

Air Combat Command, with headquarters at Langley AFB, Va., is the primary provider of combat air forces and is the proponent for fighter, bomber, reconnaissance, combat delivery, battle-management, and rescue aircraft and command, control, communications, and intelligence systems.

As a force provider, ACC organizes, trains, equips, and maintains combat-ready forces for rapid deployment and employment while ensuring that strategic air defense forces are ready to meet the challenges of peacetime air sovereignty and wartime air defense.

### COMMAND NOTES

Air Combat Command, with headquarters at Langley AFB, Va., is the primary provider of combat air forces and is the proponent for fighter, bomber, reconnaissance, combat delivery, battle-management, and rescue aircraft and command, control, communications, and intelligence systems.

As a force provider, ACC organizes, trains, equips, and maintains combat-ready forces for rapid deployment and employment while ensuring that strategic air defense forces are ready to meet the challenges of peacetime air sovereignty and wartime air defense.

### MISSIONS

**Recruit**, access, commission, train, and educate Air Force enlisted and officer personnel

**Provide** basic military training, initial and advanced technical training, flying training, and professional military and degree-granting professional education

**Conduct** joint medical service, readiness, and Air Force security assistance training

**OTHER RESPONSIBILITIES**

**Recall** of Individual Ready Reservists. Mobility and contingency tasking support to combatant commanders

### EQUIPMENT

Trainers (T-1, T-3, T-37, T-38, T-43, AT-38) ............... 1,164

Fighters (F-15, F-16) ............... 277

Transports and tankers (C-5, C-12, C-17, C-21, C-130, C-170)

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**Headquarters** Randolph AFB, Tex.

**Established** July 1, 1993

**Commander** Gen. Lloyd W. Newton

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**AIR FORCE Magazine / May 1997**

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[AETC constantly strives to make training more efficient and cost-effective. That includes training for these firefighters and other nonflyers as well as pilots, navigators, and loadmasters.](image-url)
C-141, KC-135, MC-130P, MC-130H) .................................. 109
Helicopters (MH-53J, TH-53A, UH-1, UH-1N, HH-60G) .......... 27

**FORCE STRUCTURE**

Two numbered air forces and an educational headquarters: 2d, Keesler AFB, Miss.; 19th, Randolph AFB, Tex.; Air University, Maxwell AFB, Ala. Also Air Force Recruiting Service and Air Force Security Assistance Training Squadron, Randolph AFB, Tex., and 59th Medical Wing, Lackland AFB, Tex.

**PERSONNEL**

Active-duty .......................... 44,923
Officers .............................. 10,335
Enlisted .............................. 34,588
Reserve component ................. 3,253
ANG ................................ 2,141
AFRC ................................. 1,112
Civilian .............................. 15,047
Contracted workers ................. 9,443
**Total** ............................ 72,666  

**UNIVERSITY**

Flying Training Wings (Active)

<table>
<thead>
<tr>
<th>UNIT</th>
<th>BASE</th>
<th>WEAPONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>12th FTW</td>
<td>Columbus AFB, Miss.</td>
<td>AT-38, C-21, T-1, T-37, T-38, T-43</td>
</tr>
<tr>
<td>14th FTW</td>
<td>Laughlin AFB, Tex.</td>
<td>AT-38, T-1, T-37, T-38</td>
</tr>
<tr>
<td>47th FTW</td>
<td>Lake AFB, Ariz.</td>
<td>AT-38, T-1, T-37, T-38</td>
</tr>
<tr>
<td>56th Fighter Wing</td>
<td>Luke AFB, Ariz.</td>
<td>F-16</td>
</tr>
<tr>
<td>64th FTW</td>
<td>Vance AFB, Okla.</td>
<td>C-21, T-1, T-37, T-38</td>
</tr>
<tr>
<td>71st FTW</td>
<td>Sheppard AFB, Tex.</td>
<td>AT-38, T-1, T-37, T-38</td>
</tr>
<tr>
<td>97th Air Mobility Wing</td>
<td>Altus AFB, Okla.</td>
<td>C-5, C-17, C-141, KC-135</td>
</tr>
<tr>
<td>314th Airlift Wing</td>
<td>Little Rock AFB, Ark.</td>
<td>C-130</td>
</tr>
<tr>
<td>325th Fighter Wing</td>
<td>Tyndall AFB, Fla.</td>
<td>F-15, weapons director training and undergraduate controller and battle manager training</td>
</tr>
</tbody>
</table>

Other Flying/Aircrew Training Units (Active)

<table>
<thead>
<tr>
<th>UNIT</th>
<th>BASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>3d Flying Training Squadron</td>
<td>Hondo Airport, Tex.</td>
</tr>
<tr>
<td>45th Airlift Squadron</td>
<td>Keesler AFB, Miss.</td>
</tr>
<tr>
<td>336th Training Group</td>
<td>Fairchild AFB, Wash.</td>
</tr>
</tbody>
</table>

Other Flying Training Units (Air National Guard)

<table>
<thead>
<tr>
<th>UNIT</th>
<th>BASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>162d Fighter Wing</td>
<td>Tucson IAP, Ariz.</td>
</tr>
<tr>
<td>173d Fighter Wing</td>
<td>Klamath Falls IAP, Ore.</td>
</tr>
</tbody>
</table>

**Technical Training Units**

<table>
<thead>
<tr>
<th>UNIT</th>
<th>BASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>17th Training Wing</td>
<td>Goodfellow AFB, Tex.</td>
</tr>
<tr>
<td>37th Training Wing</td>
<td>Lackland AFB, Tex.</td>
</tr>
<tr>
<td>81st Training Wing</td>
<td>Keesler AFB, Miss.</td>
</tr>
<tr>
<td>82d Training Wing</td>
<td>Sheppard AFB, Tex.</td>
</tr>
</tbody>
</table>

**Major Educational Units**

<table>
<thead>
<tr>
<th>UNIT</th>
<th>BASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air University</td>
<td>Maxwell AFB, Ala.</td>
</tr>
<tr>
<td>Air Command and Staff College</td>
<td>Maxwell AFB, Ala.</td>
</tr>
<tr>
<td>Air Force Institute of Technology</td>
<td>Wright-Patterson AFB, Ohio</td>
</tr>
<tr>
<td>Air Force Officer Accession and Training Schools</td>
<td>Maxwell AFB, Ala.</td>
</tr>
<tr>
<td>Air War College</td>
<td>Maxwell AFB, Ala.</td>
</tr>
<tr>
<td>College for Aerospace Doctrine, Research, and Education</td>
<td>Maxwell AFB, Ala.</td>
</tr>
<tr>
<td>College for Enlisted Professional Military Education</td>
<td>Maxwell AFB, Ala.</td>
</tr>
<tr>
<td>Community College of the Air Force</td>
<td>Maxwell AFB, Ala.</td>
</tr>
<tr>
<td>Extension Course Institute</td>
<td>Maxwell AFB, Ala.</td>
</tr>
<tr>
<td>Ira C. Eaker College for Professional Development</td>
<td>Maxwell AFB, Ala.</td>
</tr>
<tr>
<td>School for Advanced Airpower Studies</td>
<td>Maxwell AFB, Ala.</td>
</tr>
<tr>
<td>School of Logistics and Acquisitions Management</td>
<td>Maxwell AFB, Ala.</td>
</tr>
<tr>
<td>Squadron Officer School</td>
<td>Maxwell AFB, Ala.</td>
</tr>
</tbody>
</table>

**Major Recruiting Units**

<table>
<thead>
<tr>
<th>UNIT</th>
<th>BASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hq, USAF Recruiting Service</td>
<td>Randolph AFB, Tex.</td>
</tr>
<tr>
<td>360th Recruiting Group</td>
<td>Hanscom AFB, Mass.</td>
</tr>
<tr>
<td>367th Recruiting Group</td>
<td>Robins AFB, Ga.</td>
</tr>
<tr>
<td>369th Recruiting Group</td>
<td>Lackland AFB, Tex.</td>
</tr>
<tr>
<td>372d Recruiting Group</td>
<td>Hill AFB, Utah</td>
</tr>
</tbody>
</table>

**Support Units**

<table>
<thead>
<tr>
<th>UNIT</th>
<th>BASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>42d Air Base Wing</td>
<td>Maxwell AFB, Ala.</td>
</tr>
<tr>
<td>602d Training Support Squadron</td>
<td>Edwards AFB, Calif.</td>
</tr>
<tr>
<td>619th Training Support Squadron</td>
<td>Randolph AFB, Tex.</td>
</tr>
<tr>
<td>AETC Training Support Squadron</td>
<td>Hill AFB, Utah</td>
</tr>
</tbody>
</table>

**TOTAL**

Students .......................... 375,053
Flying/technical training .......... 177,418
Basic military training ........... 35,342
Air University ..................... 162,293

**OPERATIONAL ACTIVITY**

Flying hours ....................... 44,836 per month

**Major competitions**

Top Flight, Top Tech

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Additional notes and details may be included for each unit, such as the types of training or education offered.
Beech Mk. II, the Joint Primary Aircraft Training System, will replace Navy T-34s and Air Force T-37s for the primary phase of pilot training beginning in 1999. AETC’s mission expanded with the transfer of C-130 combat crew training from Air Combat Command. AETC also acquired Little Rock AFB, Ark., from ACC.

### AIR EDUCATION AND TRAINING COMMAND • HEADQUARTERS, RANDOLPH AFB, TEX.

<table>
<thead>
<tr>
<th>Commanding Officer</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gen. Lloyd W. Newton</td>
<td>Randolph AFB, Tex.</td>
</tr>
</tbody>
</table>

- **Hq. Air Force Recruiting Service**
- **Air Force Security Assistance Training Squadron**
- **59th Medical Wing**
  - Wilford Hall USAF Medical Center
  - Lackland AFB, Tex.
- **2d Air Force**
  - Keesler AFB, Miss.
- **19th Air Force**
  - Randolph AFB, Tex.
- **Air University**
  - Maxwell AFB, Ala.

### AIR UNIVERSITY (AETC) • HEADQUARTERS, MAXWELL AFB, ALA.

<table>
<thead>
<tr>
<th>Commanding Officer</th>
<th>Location</th>
</tr>
</thead>
</table>

- **Air Force Institute of Technology**
  - Wright-Patterson AFB, Ohio
- **Air War College**
  - Maxwell AFB, Ala.
- **Air Command and Staff College**
  - Maxwell AFB, Ala.
- **Air Force Quality Institute**
  - Maxwell AFB, Ala.
- **Hq. Civil Air Patrol–USAF**
  - Maxwell AFB, Ala.
- **Squadron Officer School**
  - Maxwell AFB, Ala.
- **Ira C. Eaker College for Professional Development**
  - Maxwell AFB, Ala.
- **College of Aerospace Doctrine, Research, and Education**
  - Maxwell AFB, Ala.
- **School for Advanced Airpower Studies**
  - Maxwell AFB, Ala.
- **School of Logistics and Acquisitions Management**
  - Maxwell AFB, Ala.
- **Extension Course Institute**
  - Maxwell AFB, Ala.
- **42d Air Base Wing**
  - Maxwell AFB, Ala.
- **College for Enlisted Professional Military Education**
  - Maxwell AFB, Gunter Annex, Ala.
- **Air University Library**
  - Maxwell AFB, Ala.
- **Community College of the Air Force**
  - Maxwell AFB, Ala.
- **Air Force Officer Accession and Training Schools**
  - Maxwell AFB, Ala.

### 2d AIR FORCE (AETC) • HEADQUARTERS, KEESLER AFB, MISS.

<table>
<thead>
<tr>
<th>Commanding Officer</th>
<th>Location</th>
</tr>
</thead>
</table>

- **37th Training Wing**
  - Lackland AFB, Tex.
- **17th Training Wing**
  - Goodfellow AFB, Tex.
- **81st Training Wing**
  - Keesler AFB, Miss.
- **82d Training Wing**
  - Sheppard AFB, Tex.
- **381st Space and Missile Training Group**
  - Vandenberg AFB, Calif.

*Tenant unit.*
Air Force Materiel Command

Headquarters Wright-Patterson AFB, Ohio
Established July 1, 1992
Commander Maj. Gen. W. Thomas West

**Missions**
- Manage: The integrated research, development, test, acquisition, and sustainment of weapon systems
- Produce: And acquire advanced systems
- Operate: "Superlabs," major product centers, logistics centers, and test centers
- Operate: The USAF School of Aerospace Medicine and USAF Test Pilot School

**Force Structure**
- Four major product centers
- Four superlaboratories
- Three test centers
- Five logistics centers
- Four specialized centers

**Personnel**
- Active-duty: 33,991
- Officers: 10,025
- Enlisted: 23,966
- Reserve component: 5,481
- ANG: 2,945
- AFRC: 2,536
- Civilian: 73,395
- Total: 112,867

**Operational Activity**
- Flying hours: 2,625 per month

**Unit**
- Aeronautical Systems Center: Wright-Patterson AFB, Ohio
- Human Systems Center: Brooks AFB, Tex.
- Space and Missile Systems Center: Los Angeles AFB, Calif.
- Armstrong Laboratory: Brooks AFB, Tex.
- Phillips Laboratory: Kirtland AFB, N.M.
- Rome Laboratory: Rome, N.Y.
- Wright Laboratory: Wright-Patterson AFB, Ohio
- Arnold Engineering Development Center: Arnold AFB, Tenn.
- Ogden Air Logistics Center: Hill AFB, Utah
- Oklahoma City Air Logistics Center: Tinker AFB, Okla.
- Sacramento Air Logistics Center: McClellan AFB, Calif.
- San Antonio Air Logistics Center: Kelly AFB, Tex.
- Aerospace Maintenance and Regeneration Center: Davis-Monthan AFB, Ariz.
- Air Force Security Assistance Center: Wright-Patterson AFB, Ohio
- Air Cataloging and Standardization Center: Battle Creek, Mich.
- Air Force Office of Scientific Research: Bolling AFB, D.C.

**Command Notes**
Air Force Materiel Command delivers systems that maintain the leading edge in research, acquisition, and sustainment of weapon systems. AFMC's four superlabs research and develop state-of-the-art technologies, while the four product centers use those technologies to acquire and develop systems. AFMC evaluates the systems in three test centers. Five air logistics centers provide life-cycle weapon system sustainment, maintenance, and repair. Specialized centers focus on such areas as basic research, cataloging and standardization, metrology, security assistance, and "retired" weapon systems.
Air Force Space Command

**MISSIONS**
- **Operate** and test USAF ICBM forces for US Strategic Command
- **Operate** missile warning radars, sensors, and satellites
- **Operate** national space-launch facilities and operational boosters
- **Operate** worldwide space surveillance radars and optical systems
- **Provide** command and control for DoD satellites
- **Provide** ballistic missile warning to NORAD and US Space Command

**COROLLARY MISSIONS**
- **Develop** and integrate space support for the warfighter
- **Serve** as lead command for all USAF UH-1 helicopter programs

**OTHER RESPONSIBILITIES**
- **Provide** communications, computer, and base support to NORAD
- **Supply** range and launch facilities for military, civil, and commercial space launch

**EQUIPMENT**
- **Intercontinental Ballistic Missiles**
  - Peacekeeper.......................... 50
  - Minuteman III........................ 530
- **Satellite systems** (USAF spacecraft in service as of January 1, 1997):
  - **Navstar Global Positioning System (GPS):**
    - Block II/IIA/IIR............................. 26
- **Defense Satellite Communications System:**
  - DSCS II.............................. 2
  - DSCS III............................. 9
  - Milstar............................... 2

**AFSPC has custody of one element of the nuclear deterrent as well as responsibility for US space-launch facilities. Here, SrA. Corey LaRock (left) and SrA. James Callari examine the forward component of a Minuteman III reentry vehicle.**

**Headquarters** Peterson AFB, Colo.
**Established** September 1, 1982
**Commander** Gen. Howell M. Estes III

*Retires May 1, 1997.*
UHF Follow-on ............................... 6
Defense Meteorological Satellite Program (DMSP) ........... 4

Communications satellites of NATO III and Fleet Satellite Communications System

Boosters: Delta II, Atlas II, Titan II, Titan IV

Ballistic missile warning systems: Defense Support Program, Ballistic Missile Early Warning System, Pave Paws radars, Perimeter Acquisition Radar Attack Characterization System, conventional radars

Space surveillance systems: Maui space surveillance, Ground-based Electro-Optical Deep Space Tracking System, phased-array radars, mechanical tracking radars

Satellite command-and-control system:
Air Force Satellite Control Network (worldwide system of eight tracking stations providing communications links to satellites to monitor their status)

FORCE STRUCTURE
Two numbered air forces: 14th, Vandenberg AFB, Calif.; 20th, F.E. Warren AFB, Wyo.
One direct reporting unit: Space Warfare Center

Seven space and missile wings
Three space groups, one missile group
Six bases and seven stations
More than 50 units worldwide

PERSONNEL
Active-duty ................................. 21,933
Officers ................................. 4,195
Enlisted ................................. 17,738

Reserve component ..................... 337
ANG ................................. 4,773
AFRC ................................. 337

Civilian ................................. 11,462

Total ................................. 38,505

14th AIR FORCE (AFSPC) • HEADQUARTERS, VANDENBERG AFB, CALIF.

21st Space Wing
Peterson AFB, Colo. (C-21)

30th Space Wing
Vandenberg AFB, Calif. (UH-1N)

45th Space Wing
Patrick AFB, Fla.

50th Space Wing
Falcon AFB, Colo.

750th Space Group
Onizuka AS, Calif.

20th AIR FORCE (AFSPC) • HEADQUARTERS, F.E. WARREN AFB, WYO.

90th Missile Wing
F.E. Warren AFB, Wyo. (Peacekeeper, Minuteman III, UH-1)

91st Missile Wing
Minot AFB, N. D. (Minuteman III, UH-1N)

321st Missile Group*
Grand Forks AFB, N. D. (Minuteman III, HH-1H)

341st Missile Wing
Malmstrom AFB, Mont. (Minuteman III, UH-1)

AFSC-MED-10-Figure 3.1-Box 1-9-97

UNIT BASE WEAPONS/ACTIVITIES
21st Space Wing Peterson AFB, Colo. Missile warning and space surveillance; C-21
30th Space Wing Vandenberg AFB, Calif. Launch, range operations for DoD, NASA, and commercial space launches; testing support of DoD space and ICBM systems; Minuteman III, Minuteman III ICBM, Titan II, Titan IV

45th Space Wing Patrick AFB, Fla. Launch, range operations for DoD, NASA, foreign government, and commercial space launches; shuttle program support and US Navy Trident test support; Delta II, Atlas II, Titan IV

50th Space Wing Falcon AFB, Colo. Command and control of DoD and allied nations’ satellites
90th Missile Wing F.E. Warren AFB, Wyo. UH-1, Minuteman III and Peacekeeper ICBMs
91st Missile Wing Minot AFB, N.D. UH-1N, Minuteman III ICBM
321st Missile Group Grand Forks AFB, N.D. HH-1H, Minuteman III ICBM
341st Missile Wing Malmstrom AFB, Mont. UH-1, Minuteman III ICBM
721st Support Group Cheyenne Mountain AS, Colo. Command and control for NORAD and USSPACECOM

750th Space Group Onizuka AS, Calif. Command and control of DoD and allied nations’ satellites
821st Space Group Buckley ANGB, Colo. Missile warning and space communications


COMMAND NOTES
The commander of Air Force Space Command is also commander in chief of NORAD and US Space Command. 14th Air Force is a component of US-SPACECOM for space forces; 20th Air Force is a component of US Strategic Command for ICBM forces.

Air Force Special Operations Command

Headquarters Hurlburt Field, Fla.
Established May 22, 1990

MISSIONS
Serve as the Air Force component of US Special Operations Command, one of nine unified commands in the US military’s combatant command structure
Deploy specialized airpower, delivering special operations combat power anywhere, anytime
Provide Air Force special operations forces for worldwide deployment and assignment to regional unified commands to conduct unconventional warfare, direct action, special reconnaissance, counterterrorism, foreign internal defense, counterproliferation, civil affairs, humanitarian assistance, psychological operations, personnel recovery, and counternarcotics operations

EQUIPMENT
AC-130H Spectre gunships..............8
AC-130U Spooky gunships..............13
MH-53J Pave Low helicopters ........36
MH-60G Pave Hawk helicopters .......10
MC-130E Combat Talon I ..............8
MC-130H Combat Talon II ............21
C-130E .....................................5
EC-130 ....................................8
MC-130P Combat Shadow ............24
UH-1N ...................................2

FORCE STRUCTURE
One active-duty, one Air Force Reserve Command, and one Air National Guard special operations wings
Two special operations groups
Nine active-duty, two AFRC, and one ANG fixed-wing special operations squadrons
Four rotary-wing special operations squadrons

One special tactics group
Four special tactics squadrons
One special operations foreign intelligence squadron
One flight test squadron
One combat weather squadron
Air Force Special Operations School

PERSONNEL
Active-duty ................................9,615
Officers ......................... 1,504
Enlisted .......................8,111
Reserve component ............2,421
ANG ................................ 1,384
AFRC ..........................1,037
Civilian ..........................541
Total ................................12,577

OPERATIONAL ACTIVITY
Flying hours:................4,500 per month
Always among the busiest major commands in terms of deployments away from home, AFSOC is often called on for Military Operations Other Than War. Here, Capt. Patrick Barnett (left) and SSgt. Boyd G. Bowling train at AFSOC’s headquarters, Hurlburt Field, Fla.

COMMAND NOTES
With the growing number of Military Operations Other Than War, Air Force Special Operations Command continues to be one of the most frequently deployed of any major command. On average, special operations forces are deployed 144 days per year and, in some cases, up to 200 days per year—far longer than the Air Force goal of 120 days. Not only are AFSOC’s active-duty forces on the move, but so is the 193d Special Operations Group at Harrisburg, Pa., which has the highest operations tempo of any Air National Guard unit. The 193d SOG flies the EC-130E Commando Solo aircraft, which can broadcast over radio and television bands, to conduct psychological operations.

AIR FORCE SPECIAL OPERATIONS COMMAND • HEADQUARTERS, HURLBURT FIELD, FLA.

Commander

16th Special Operations Wing
Hurlburt Field, Fla.

193d Special Operations Wing
Duke Field, Fla.
(MC-130E/P)

352d Special Operations Group
RAF Mildenhall, UK
(MH-53J, MC-130, MC-130N)

353d Special Operations Group
Kadena AB, Japan
(MC-130H/P, MH-53J)

USAF Special Operations School
Hurlburt Field, Fla.

18th Flight Test Squadron
Hurlburt Field, Fla.

AFSOC Air Support Operations Squadron
Fort Bragg, N.C.

919th Special Operations Wing
Duke Field, Fla.
(MC-130E/P)

720th Special Tactics Group
Hurlburt Field, Fla.

UNIT BASE WEAPONS
16th Special Operations Wing Hurlburt Field, Fla. AC-130H/U, MC-130E/H, MH-53J, C-130E, UH-1N, MH-60G

193d Special Operations Wing (ANG) Harrisburg IAP, Pa. EC-130E

352d Special Operations Group RAF Mildenhall, UK MH-53J, MC-130P, MC-130N

353d Special Operations Group Kadena AB, Japan MC-130

919th Special Operations Wing (AFRC) Duke Field, Fla. MC-130E/P

*MC-130Ps are at Eglin AFB, Fla.
*MH-53Js are at Osan AB, South Korea.
Special Operations Forces have never been first in line when the Air Force is handing out new equipment. AFSOC’s airmen have often had to improvise and make do, as this AC-47—a 20-year-old transport converted for the gunship mission in the Vietnam War—at Da Nang AB, South Vietnam, attests.

One of the more dangerous jobs in AFSOC is that of pararescueman. These men often took their lives in their hands to rescue downed aviators from the jungles of Vietnam. Once part of Military Airlift Command’s 23d Air Force, AFSOC became a separate major command in 1990.

This MH-53 J Pave Low mission during Operation Desert Storm earned the participants the 1991 Mackay Trophy. A task force of AFSOC and Army helicopters was assigned to rescue Navy Lt. Devon Jones after his F-14 Tomcat was shot down over Iraq. Here, Lieutenant Jones sprints to a waiting pararescueman and the safety of the Pave Low.
MISSIONS
Provide rapid, global airlift and aerial refueling for US armed forces
Serve as USAF component of US Transportation Command
Support wartime taskings by providing forces to theater commands

COROLLARY MISSIONS
Provide operational support aircraft
Perform Stateside aeromedical evacuation missions
Provide visual documentation support

EQUIPMENT
Mobility aircraft (C-5, C-17, C-26, C-130, C-141, KC-10, KC-135)................. 1,413
Aeromedical evacuation (C-9)........ 12
Other aircraft (C-20, C-21, C-9, C-135, VC-25, VC-137, UH-1N...39

FORCE STRUCTURE
Two numbered air forces: 15th, Travis AFB, Calif.; 21st, McGuire AFB, N.J.
Two direct reporting units: Air Mobility Warfare Center, Tanker Airlift Control Center
12 wings (airlift, air mobility, air refueling)

PERSONNEL
Active-duty .................................. 48,342
Officers ......................... 8,389
Enlisted ..................... 39,953
Reserve component .......... 54,525
ANG ................................. 20,114
AFRC ............................. 34,411
Civilian ................................ 8,701
Total .................................. 111,568

UNIT BASE WEAPONS
6th Air Refueling Wing .... MacDill AFB, Fla. ...................... KC-135
22d Air Refueling Wing .... McConnell AFB, Kan. ................. KC-135
43d Airlift Wing ................. Pope AFB, N.C. .................. C-130
60th Air Mobility Wing .... Travis AFB, Calif. .................. C-5, C-141, KC-10
62d Airlift Wing ................ McChord AFB, Wash. .......... C-141
89th Airlift Wing ................. Andrews AFB, Md. .......... C-9, C-20, C-21, VC-25, VC-137, UH-1
92d Air Refueling Wing .... Fairchild AFB, Wash. ............... KC-135
305th Air Mobility Wing ... McGuire AFB, N.J. ................ C-141, KC-10
319th Air Refueling Wing ... Grand Forks AFB, N.D. ........ KC-135
375th Airlift Wing ............ Scott AFB, Ill. .................. C-9, C-21
436th Airlift Wing ............ Dover AFB, Del. ............... C-9
437th Airlift Wing ............. Charleston AFB, S.C. ................ C-17, C-141
19th Air Refueling Group* .... Robins AFB, Ga. ................ KC-135

Warfare Center, Tanker Airlift Control Center
12 wings (airlift, air mobility, air refueling)

Major operations
Vigilant Sentinel (Kuwait), Caribbean Express (Hurricane Marilyn), Quick Lift (Croatia), Joint Endeavor (Bosnia), Assured Response (Liberia)

Major training exercises
Cobra Gold, Tandem Thrust, Team Spirit (Pacific Command); Battle Griffin, Central Enterprise, Dynamic Guard (European Command); Bright Star (Central Command); Fuertes Defense (Southern Command); Ocean Venture (Atlantic Command)

*Tenant unit.
**COMMAND NOTES**

AMC aircraft and people worldwide perform airlift, air refueling, and aeromedical evacuation missions. AMC applies nonlethal combat airpower across the spectrum of conflict and plays a key role in humanitarian relief, peacekeeping operations, and a variety of other missions. In April 1997, ACC’s CONUS-based C-130 and C-21 aircraft were returned to AMC oversight. AMC also acquired Pope AFB in North Carolina from ACC. AMC’s commander also serves as commander in chief of US Transportation Command.

### AIR MOBILITY COMMAND • HEADQUARTERS, SCOTT AFB, ILL.

<table>
<thead>
<tr>
<th>Command Post</th>
<th>Location</th>
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<tbody>
<tr>
<td>15th Air Force</td>
<td>Travis AFB, Calif.</td>
</tr>
<tr>
<td>21st Air Force</td>
<td>McGuire AFB, N.J.</td>
</tr>
<tr>
<td>Air Mobility Warfare Center</td>
<td>Fort Dix, N.J.</td>
</tr>
<tr>
<td>Tanker Airlift Control Center</td>
<td>Scott AFB, Ill.</td>
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**Commander**
Gen. Walter Kross

### 15th AIR FORCE (AMC) • HEADQUARTERS, TRAVIS AFB, CALIF.

<table>
<thead>
<tr>
<th>Command Post</th>
<th>Location</th>
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<tbody>
<tr>
<td>22d Air Refueling Wing</td>
<td>McConnell AFB, Kan. (KC-135)</td>
</tr>
<tr>
<td>60th Air Mobility Wing</td>
<td>Travis AFB, Calif. (C-5, C-141, KC-10)</td>
</tr>
<tr>
<td>62d Airlift Wing</td>
<td>McChord AFB, Wash. (C-141)</td>
</tr>
<tr>
<td>375th Airlift Wing</td>
<td>Scott AFB, Ill. (C-9, C-21)</td>
</tr>
<tr>
<td>615th Air Mobility Support Group*</td>
<td>Hickam AFB, Hawaii</td>
</tr>
<tr>
<td>615th Air Mobility Operations Group</td>
<td>Travis AFB, Calif.</td>
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</tbody>
</table>

**Commander**

*Tenant unit.

### 21st AIR FORCE (AMC) • HEADQUARTERS, MCGUIRE AFB, N.J.

<table>
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<tr>
<th>Command Post</th>
<th>Location</th>
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<tbody>
<tr>
<td>19th Air Refueling Group*</td>
<td>Robins AFB, Ga. (KC-135)</td>
</tr>
<tr>
<td>305th Air Mobility Wing</td>
<td>McGuire AFB, N.J. (C-141, KC-10)</td>
</tr>
<tr>
<td>6th Air Refueling Wing</td>
<td>MacDill AFB, Fla. (KC-135)</td>
</tr>
<tr>
<td>436th Airlift Wing</td>
<td>Dover AFB, Del. (C-5)</td>
</tr>
<tr>
<td>437th Airlift Wing</td>
<td>Charleston AFB, S.C. (C-17, C-141)</td>
</tr>
<tr>
<td>43d Airlift Wing</td>
<td>Pope AFB, N.C. (C-130)</td>
</tr>
<tr>
<td>89th Airlift Wing</td>
<td>Andrews AFB, Md. (C-9, C-20, C-21, VC-25, VC-137, UH-1)</td>
</tr>
<tr>
<td>319th Air Refueling Wing</td>
<td>Grand Forks AFB, N.D. (KC-135)</td>
</tr>
<tr>
<td>621st Air Mobility Support Group</td>
<td>Ramstein AB, Germany</td>
</tr>
<tr>
<td>621st Air Mobility Operations Group</td>
<td>McGuire AFB, N.J.</td>
</tr>
</tbody>
</table>

**Commander**
Lt. Gen. Edwin E. Tenoso

*Tenant unit.
The Military Air Transport Service (forerunner of both MAC and AMC) received its baptism of fire in 1948 when the Soviet Union cut off all land access to Berlin. These C-47s are lined up at Tempelhof Airport as part of the air bridge that kept a city of three million supplied with everything from coal to vegetables for 11 months, until the blockade was lifted.

When the US embarked on a humanitarian mission in the 1950s and 1960s, MATS and MAC shouldered much of the load. Whether the problem was an earthquake in Chile or political turmoil in the Belgian Congo, C-124s would be on their way as soon as the US decided to act.

Some of the darkest days of the Vietnam War came when US Marines and South Vietnamese Rangers found themselves surrounded at Khe Sanh. Vital to their resupply was the C-130 Hercules, which would offload its supplies with the engines running in order to speed departure. The Hercules is still going strong, now toiling for AMC.
PACAF

Headquarters
Hickam AFB, Hawaii

Established
July 1, 1957

Commander
Gen. John G. Lorber

Missions
Plan, conduct, and coordinate offensive and defensive air operations in the Pacific and Asian theaters
Organize, train, equip, and maintain resources to conduct air operations

Equipment
Fighters/attack aircraft (F-15C/D/E, F-16C/D, A-10A)............. 246
OA-10A forward air controllers........ 18
E-3 Airborne Warning and Control System aircraft .......... 4
KC-135 aerial refueling aircraft........ 15
Transport aircraft (C-9, C-12, C-21, C-130, C-135) .............. 40
Helicopters (UH-1, HH-60) ............. 11

3d Wing ....................... Elpadonf AFB, Alaska ...... F-15C/D, C-130H, E-3B/C, F-15E, C-12J
8th Fighter Wing ............ Kunsan AB, South Korea .................. F-16C/D
15th Air Base Wing .......... Hickam AFB, Hawaii ....................... C-135
18th Wing ..................... Kadena AB, Japan ................. F-15C/D, E-3C, KC-135R, HH-60G
35th Fighter Wing .......... Misawa AB, Japan .................. F-16C/D
36th Air Base Wing ........... Andersen AFB, Guam ...................... —
51st Fighter Wing .......... Osan AB, South Korea ...... F-16C/D, A/0A-10A, C-12J
354th Fighter Wing .......... Eielson AFB, Alaska ................. F-16C/D, A/0A-10A
374th Airlift Wing .......... Yokota AB, Japan ...... UH-1N, C-130E/H, C-21A, C-9A

Weapons

FORC STRUCTURE
Four numbered air forces: 5th, Yokota AB, Japan; 7th, Osan AB, South Korea; 11th, Elmendorf AFB, Alaska; 13th, Andersen AFB, Guam
Nine wings (two mission, four fighter, one airlift, two air base)

Personnel
Active-duty .................. 32,360
Officers ....................... 3,959
Enlisted ......................... 28,401
Reserve component .......... 3,577
ANG ............................... 2,600
AFRC ........................... 977
Civilian ........................ 8,671
Total .......................... 44,608

Operational Activity
Flying hours ............ 10,243 per month

Major training exercises
Cope Thunder (Alaska), Cope North/Keen Sword (Japan), Cobra Gold (Thailand), Commando Sling (Singapore), Cope Tiger (Thailand), Foal Eagle (South Korea), Keen Edge (Japan), Positive Force (Pacific), Reception Staging Onward Movement and Integration (South Korea), Tandem Thrust (Australia), Ulchi Focus Lens (South Korea)

Command Notes
PACAF’s airpower and forward presence enable US forces to react quickly—even over great distances—to virtually any theater crisis, whether combat or humanitarian. The command’s far-reach capability discourages military aggression, aids in disaster relief, and helps secure the region’s multibillion-dollar trade partnership with the US.
US Air Forces in Europe

Headquarters  Ramstein AB, Germany  
Established  August 7, 1945  
Commander  Gen. Michael E. Ryan

**MISSIONS**

**Plan,** conduct, control, coordinate, and support air and space operations to achieve US national and NATO objectives based on taskings assigned by the commander in chief, US European Command.

**COROLLARY MISSIONS**

**Support** US military plans and operations in parts of Europe, the Mediterranean, the Middle East, and Africa.

**EQUIPMENT (Active)**

Fighters (F-15C/D, F-16C/D) 108  
Attack aircraft (A-10, F-16E) 60  
Observation aircraft (OA-10) 6  
Other aircraft (tankers, transports, reconnaissance) 46

Conventional weapons (general-purpose bombs, cluster bombs, guided bombs, rockets, air-to-surface missiles)

**FORCE STRUCTURE**

Two numbered air forces: 3d, RAF Mildenhall, UK; 16th, Aviano AB, Italy.  
Six wings (one multimission, one air refueling, one airlift, and three fighter)

**PERSONNEL**

Active-duty 27,115  
Officers 3,288  
Enlisted 23,827  
Reserve component 392  
ANG 0  
AFRC 392  
Civilian 5,233  
Total 32,740

**OPERATIONAL ACTIVITY**

Flying hours 8,681 per month

**Major training exercises**

African Eagle, Ardent Ground, Atlantic Resolve, Baltops, Brilliant Invader, Blue Harrier, Central Enterprise, Coldfire, Distant Thunder, Dynamic Mix, Ellipse Bravo, Juniper Falconry, Juniper Stallion, Phoenix Partner, Salty Hammer, Tactical Fighter Weaponry, Trailblazer, Matador

**Major contingency operations support**

Decisive Edge, Joint Endeavor (Bosnia-Hercegovina); Provide Hope IV (former USSR); Provide Comfort II (northern Iraq)

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**US AIR FORCES IN EUROPE • HEADQUARTERS, RAMSTEIN AB, GERMANY**

The USAFE organizational chart above shows peacetime lines of command. The chart below shows the NATO wartime command lines of authority.

**Allied Command Europe (ACE)**

**Allied Forces Southern Europe (AFSOUTH)**

Naples, Italy

**Allied Air Forces Southern Europe (AIRSOUTH)**

Naples, Italy

**Allied Forces Central Europe (AFCENT)**

Brunssum, the Netherlands

**Allied Air Forces Central Europe (AIRCENT)**

Ramstein AB, Germany

**Allied Forces Northwest Europe (AFNORTHWEST)**

High Wycombe, UK

**Allied Air Forces Northwest Europe (AIRNORTHWEST)**

High Wycombe, UK

**5th Allied Tactical Air Force**

Vicenza, Italy

**6th Allied Tactical Air Force**

Izmir, Turkey
NATO and Warsaw Pact Forces were poised at daggers drawn for much of the Cold War in Europe. One of USAFE’s sharpest daggers was the F-104 Starfighter. Here, alert crews rush to their aircraft at a base in Spain during a drill.

As tensions with Moscow began to ease somewhat in the 1980s, a new menace was on the rise in Europe and elsewhere—state-sponsored terrorist acts. To combat the perpetrators, USAFE F-111s like these were dispatched from England to Libya in 1986 on Operation Eldorado Canyon to punish Libyan strongman Muammar Qaddafi.

USAFE is much smaller now than it was at its Cold War peak, but the challenges have not disappeared. Despite its reduced numbers and smaller infrastructure, the command had a major role in keeping the peace in Bosnia-Hercegovina as part of NATO’s implementation force, which has since become the stabilization force.
US Air Forces in Europe shares common systems, procedures, and training with NATO forces. Headquarters USAFE is collocated with Headquarters Allied Air Forces Central Europe (AIRCENT), which operationally controls Immediate Reaction Forces, Rapid Reaction Forces, and Main Defense Forces of NATO-nation air forces during wartime.

A 31st Fighter Wing F-16 bristles with armament in preparation for a sortie over Bosnia. Aviano AB, Italy, home of the 31st FW, remains a hive of activity as USAFE’s participation in operations over Bosnia enters its fourth year. USAFE assets and personnel are also heavily involved in operations over Iraq.