

BASE SUMMARY SHEET

DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

Brooks City-Base, Texas

INSTALLATION MISSION

Brooks City-Base, Texas is the home of the 311th Human Systems Wing (HSW). The Mission of the 311th HSW is to enhance and sustain human performance for dominant air and space power.

DOD RECOMMENDATION

Close Brooks City Base, San Antonio, Texas by relocating or disestablishing the following units:

1. Texas (San Antonio):
 - a. Relocate from Brooks City-Base to Randolph AFB, TX
 - i. Air Force Audit Agency
 - ii. 341st Recruiting Squadron
 - b. Relocate from Brooks City-Base to Lackland AFB, TX
 - i. Air Force Center for Environmental Excellence
 - ii. Air Force Medical Support Agency
 - iii. Air Force Medical Operations Agency
 - iv. Air Force Element Medical Defense Agency
 - v. Air Force Element Medical DoD
 - vi. Air Force-Wide Support Element
 - vii. 710th Information Operations Flight
 - viii. 68th Information Operations Squadron
 - c. Relocate from Brooks City-Base to Army Institute of Surgical Research, Fort Sam Houston, TX
 - i. Army Medical Research Detachment
2. Ohio:
 - a. Relocate from Brooks City-Base to Wright Patterson AFB, OH
 - i. United States Air Force School of Aerospace Medicine
 - ii. Air Force Institute of Occupational Health
 - iii. Naval Health Research Center Electro-Magnetic Energy Detachment
 - iv. Human Systems Development and Acquisition Function
 - v. Human Effectiveness Directorate of the Air Force Research Laboratory
(consolidate with the Wright Patterson AFB Human Effectiveness Directorate of the Air Force Research Laboratory)
3. Maryland:
 - a. Relocate from Brooks City-Base to Edgewood Chemical Biological Center, Aberdeen Proving Ground, MD
 - i. Non-Medical Chemical Biological Defense Development and Acquisition

4. Disestablish:
 - a. All remaining units

DOD JUSTIFICATION

This recommendation enables technical synergy, and positions the Department of the Air Force to exploit a center-of-mass of scientific, technical, and acquisition expertise required by the 20-year Force Structure Plan. Greater synergy across technical capabilities and functions will be achieved by consolidating geographically separate units of the Air Force Research Laboratory. The end state will co-locate the Human Systems Development & Acquisition function and the Human Systems Research function with Air Force Aerospace Medicine and Occupational Health education and training. This action will co-locate the Development & Acquisition for Human Systems with the Research function and will concentrate acquisition expertise for Human Systems at one site. Additionally, the relocation of the physiological training unit from Holloman AFB with the relocation of the high-onset gravitational-force centrifuge, enables the continued use of a critical piece of equipment required for both Human Systems Research and Aerospace Medicine Education and Training. This end state will also increase synergy with the Air Platform Research and Development & Acquisition functions and continue the efficient use of equipment and facilities implemented under Biomedical Reliance and BRAC 91 at Wright Patterson AFB, OH.

Co-location of combat casualty care research activities with related military clinical activities of the trauma center currently located at Brooke Army Medical Center, Fort Sam Houston TX, promotes translational research that fosters rapid application of research findings to health care delivery, and provides synergistic opportunities to bring clinical insight into bench research through sharing of staff across the research and health care delivery functions. The availability of a co-located military trauma center also provides incentives for recruitment and retention of military physicians as researchers, and is a model that has proven highly successful in civilian academic research centers.

Edgewood Chemical and Biological Center, Aberdeen Proving Ground, is home to the military's most robust infrastructure supporting research utilizing hazardous chemical agents. Relocation of the Non-medical Chemical Biological Defense Development and Acquisition to Aberdeen Proving Ground will increase synergy, focus on joint needs, and efficient use of equipment and facilities by co-locating Tri-Service and Defense activities performing functions in chemical biological defense and medical RDA.

This recommendation also moves the Air Force Center for Environmental Excellence (AFCEE) to Lackland AFB, where it will be co-located the Air Force Real Property Agency (AFRPA) that is being relocated to Lackland in a separate recommendation. The military value of AFCEE is 265th out of 336 entities evaluated by the Major Administrative and Headquarters (MAH) military value model. Lackland Air Force Base is ranked 25th out of 336.

COST CONSIDERATIONS DEVELOPED BY DOD

- One-Time Costs: \$325.3 million
- Net Savings (Cost) during Implementation: \$ 45.9 million
- Annual Recurring Savings: \$102.1 million
- Return on Investment Year: 2008 (2 years)
- Net Present Value over 20 Years: \$940.7 million

MANPOWER IMPLICATIONS OF ALL RECOMMENDATIONS AFFECTING THIS INSTALLATION (INCLUDES ON-BASE CONTRACTORS AND STUDENTS)

	Out		In		Net Gain (Loss)	
	Military	Civilian	Military	Civilian	Military	Civilian
This Recommendation	1,297	1,268	0	0	1,297	1,268
Other Recommendation(s)						
Total						

ENVIRONMENTAL CONSIDERATIONS

This recommendation is expected to impact air quality at Fort Sam Houston, Wright-Patterson, and Aberdeen Proving Ground. New source review permitting and permit modifications may be required. This recommendation has the potential to impact cultural or historic resources at Fort Sam Houston, Randolph, Lackland, Aberdeen Proving Ground, Brooks, and Wright-Patterson. Additional operations at Fort Sam Houston and Wright-Patterson may further impact threatened and endangered species leading to additional restrictions on training or operations. Significant mitigation measures to limit releases at Fort Sam Houston may be required to reduce impacts to water quality and achieve US EPA water quality standards.

Increases in population and operations at Aberdeen Proving Ground may require upgrades/purchase of additional waste management services. Modification of the hazardous waste program at Randolph and Wright-Patterson may be necessary. Additional operations may impact wetlands at Wright-Patterson and Lackland AFB, which may restrict operations. This recommendation has no impact on dredging; marine mammals, resources, or sanctuaries; land use constraints or sensitive resource areas; or noise. This recommendation will require spending approximately \$0.5M for waste management and environmental compliance activities. This cost was included in the payback calculation. Brooks City Base reports \$4.2M in environmental restoration costs. Because the Department has a legal obligation to perform environmental restoration regardless of whether an installation is closed, realigned, or remains open, this cost was not included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, or environmental compliance activities. The aggregate environmental impact of all recommended BRAC actions affecting the bases in this recommendation has been reviewed. There are no known environmental impediments to implementation of this recommendation.

REPRESENTATION

Governor: Rick Perry (R)
Senators: Kay Bailey Hutchinson (R)
John Cornyn (R)

Representative: Henry Cuellar (D)

ECONOMIC IMPACT

- Potential Employment Loss: 5,724 jobs (2,923 direct and 2,801 indirect)
- MSA Job Base: 1,009,217 jobs
- Percentage: .56 percent decrease
- Cumulative Economic Impact (Year-Year): ___ percent decrease

MILITARY ISSUES

- None at this time.

COMMUNITY CONCERNS/ISSUES

- There are a number of newspaper articles regarding the DoD recommendations for the San Antonio area but most focus on the potential changes at Brooks City Base. Essentially, these articles discuss the potential development of Brooks City Base and whether the installation should be closed. See Tab 12.

Mike Flinn, AF Team
and
Lesia Mandzia, JCS Team
June 18, 2005

311th Human Systems Wing

Birthplace, Home and Future of Aerospace Medicine



*Brown, C.B.
Mission
Brief*

**ry Airman a
e Multiplier**

**in Tom Travis
Commander**

U.S. AIR FORCE

23 Feb 2005



Who We Are



Birthplace, Home and Future of Aerospace Medicine



AFMC Mission: Deliver war-winning. . . technology, acquisition support, sustainment. . . expeditionary capabilities to the warfighter



ASC Mission: Develops, acquires, sustains, and modernizes advanced aerospace capabilities and systems for major programs and Foreign Military Sales, including integrating human systems and installation support.



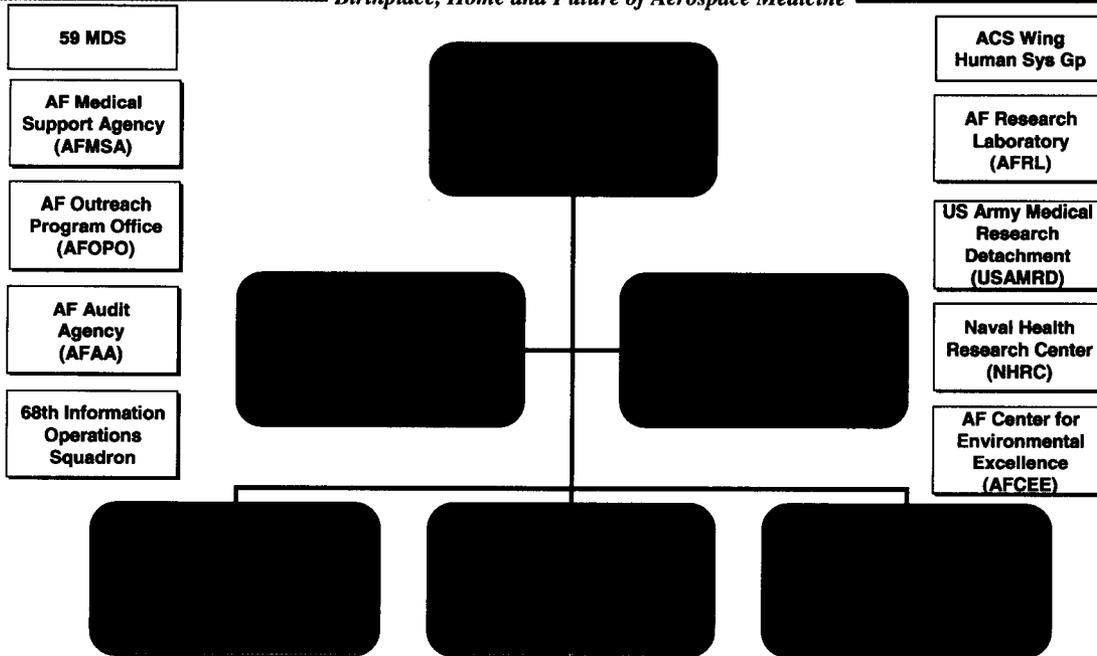
HSW Mission: Enhance and sustain human performance for dominant air and space power.



Organization Structure



Birthplace, Home and Future of Aerospace Medicine



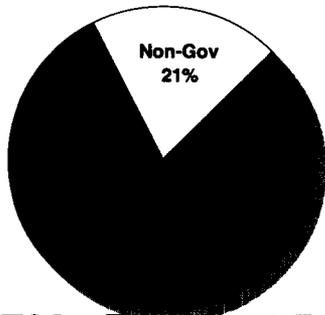
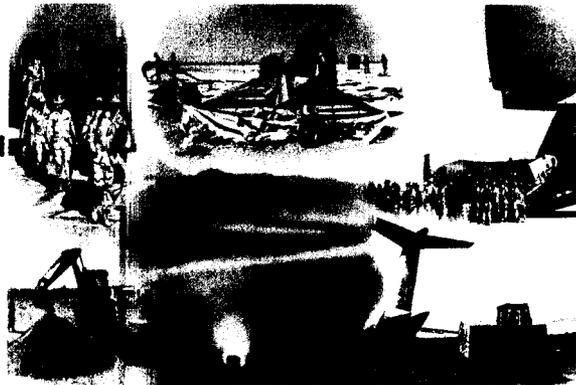
Our People...



Birthplace, Home and Future of Aerospace Medicine

Senior, Educated Workforce

- Medical Personnel
- Scientific & Engineering Personnel
- Skilled Technicians
- 1000+ Advanced Degrees
- 200 Doctorate Level



3700+ People at Brooks

San Antonio



\$490 million economic impact on the San Antonio community



Our Products



Birthplace, Home and Future of Aerospace Medicine

AFIOH USAFSAM PE MSG PARTNERS

**Force Health
Protection &
Prevention**



**311th HUMAN SYSTEMS WING
MISSION**

ENHANCE AND SUSTAIN HUMAN PERFORMANCE
FOR DOMINANT AIR AND SPACE POWER



**Education &
Training**

**Direct Mission
Support**



**Human
Performance
Sustainment and
Enhancement**

5



311 HSW Products

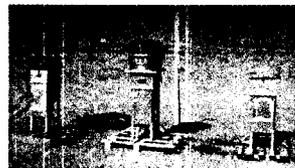


Birthplace, Home and Future of Aerospace Medicine

Force Health Protection



- Global health surveillance
- Public health and disease prevention
- CBRN detection & protection
- Aircrew protection
- Aerospace clinical research
- Reach-back environmental analysis



6



311 HSW Products

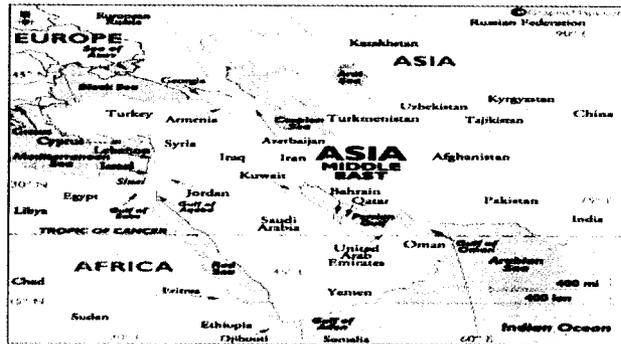
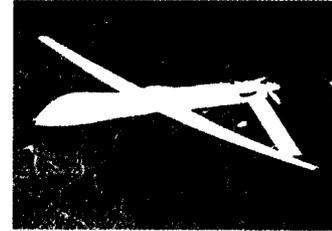


Birthplace, Home and Future of Aerospace Medicine



Direct Mission Support

- Wartime deployment
- Emergency response
- Field consultation
- Mishap investigation



7



311 HSW Products



Birthplace, Home and Future of Aerospace Medicine

Education and Training

- All Team Aerospace training (primary & advanced)
 - Flight Nurse, Physiologist, Public Health, Physicians
- All advanced operational medicine training
 - Expeditionary medical support
 - Critical care in-the-air
 - Trauma care
- Specialized training
 - Human Systems Integration
 - Pathogen identification
- International training
 - In-residence and exported





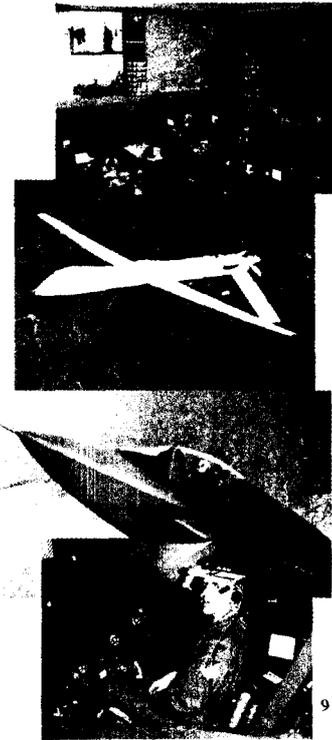
311 HSW Products



Birthplace, Home and Future of Aerospace Medicine

Human Performance Sustainment and Enhancement

- New PE directorate supports AFMC programs and product centers
- Influence weapon systems design & effectiveness; e.g.:
 - JSF – Pilot Vehicle Interface & Flight Equipment
 - F/A-22 – Aeromedical Working Group lead role
 - J-UCAS (UCAV) – Selection, training, and human-machine Interface
 - CAOC – Facilitate data to decision making
- HSI training offered AF-wide



311 HSW Commander's Intent



Birthplace, Home and Future of Aerospace Medicine



Every Airman a Force Multiplier
(Human) (Technology + CONOPS) = Capability

**Our Mission: Enhance and sustain human performance
 for dominant air and space power**



311 HSW Commander's Intent



Birthplace, Home and Future of Aerospace Medicine

The Strategy

- Identify and develop advanced surveillance and detection capabilities to provide force health protection and medical intelligence for operational decisions
- Fully implement HSI to influence weapon system design, effectiveness, enhance system survivability, and reduce life-cycle cost
- Partner to develop and field next-generation aircrew equipment to enhance performance
- Deliver expeditionary medical readiness and support the human in global operations
- Provide programming, planning, and acquisition expertise to support AFMS modernization
- Collaborate and partner with other services, agencies, allies, academia, and industry



Birthplace, Home and Future of Aerospace Medicine



BROOKS CITY-BASE

HOME | WEB TEAM | NEWS | HELP DESK | OWA

311th Human Systems Wing



BGen Thomas W. Travis,
Commander,
311th Human Systems Wing
[Biography](#)



Mr. Eric L. Stephens,
Deputy Director,
311th Human Systems Wing
[Biography](#)



Col Laura V. Alvarado,
Vice Commander,
311th Human Systems Wing
[Biography](#)



CMSgt Reginald L. Williams,
Command Chief Master
Sergeant,
311th Human Systems Wing
[Biography](#)

Commander's Intent

PPT Format

Wing Staff Offices

Core Values:

Integrity First--Always

**** Service Before Self--Our trademark ****

Excellence in All We Do--Through teamwork

Our Mission:

Enhance and sustain human performance for dominant air and space power

Our Vision:

Every Airman a Force Multiplier

Popular Sites

Contact Information:
BROOKS CITY-BASE
San Antonio, Texas 78235
Directory Assistance: (210) 536-1110, DSN 240-1110
Public Affairs: (210) 536-3234, DSN 240-3234

FEEDBACK

Page last modified on *May 6, 2005* by the 311 CS **WebTeam**

Technical Help: (210) 536-9999, DSN 240-9999

This site is intended for the use of the United States Military and United States Government only.