

### Brooks City Base, TX

**Recommendation:** Close Brooks City Base, San Antonio, TX. Relocate the Air Force Audit Agency and 341<sup>st</sup> Recruiting Squadron to Randolph AFB. Relocate the United States Air Force School of Aerospace Medicine, the Air Force Institute of Occupational Health, the Naval Health Research Center Electro-Magnetic Energy Detachment, the Human Systems Development and Acquisition function, and the Human Effectiveness Directorate of the Air Force Research Laboratory to Wright Patterson Air Force Base, OH. Consolidate the Human Effectiveness Directorate with the Air Force Research Laboratory, Human Effectiveness Directorate at Wright Patterson Air Force Base, OH. Relocate the Air Force Center for Environmental Excellence, the Air Force Medical Support Agency, Air Force Medical Operations Agency, Air Force Element Medical Defense Agency, Air Force Element Medical-DoD, Air Force-Wide Support Element, 710<sup>th</sup> Information Operations Flight and the 68<sup>th</sup> Information Operations Squadron to Lackland Air Force Base, TX. Relocate the Army Medical Research Detachment to the Army Institute of Surgical Research, Fort Sam Houston, TX. Relocate the Non-Medical Chemical Biological Defense Development and Acquisition to Edgewood Chemical Biological Center, Aberdeen Proving Ground, MD. Disestablish any remaining organizations.

Realign Holloman AFB by disestablishing the high-onset gravitational force centrifuge and relocating the physiological training unit (49 ADOS/SGGT) to Wright-Patterson AFB.

**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.

**Payback:** The total estimated one-time cost to the Department of Defense to implement this recommendation is \$325.3M. The net of all costs and savings to the Department during the implementation period is a cost of \$45.9M. The annual recurring savings to the Department after implementation is \$102.1M, with a payback expected in 2 years. The net present value of the costs and savings to the Department over 20 years is a savings of \$940.7M.

**Economic Impact on Communities:** Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 29 jobs (17 direct jobs and 12 indirect jobs) in the Alamogordo, NM Micropolitan Statistical Area, which is 0.11 percent of economic area employment.

Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 4,081 jobs (2097 direct jobs and 1984 indirect jobs) in the San Antonio, TX Metropolitan Statistical Area, which is 0.4 percent of economic area employment.

The aggregate economic impact of all recommended actions on these economic regions of influence was considered and is at Appendix B of Volume I.

**Community Infrastructure:** A review of community attributes indicates no issues regarding the ability of the infrastructure of the communities to support missions, forces, and personnel. There are no known community infrastructure impediments to implementation of all recommendations affecting the installations in this recommendation.

**Environmental Impact:** 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, 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.