



SAN ANTONIO – MILITARY CITY, USA

*Unified in the Support of the Military and
their Defense of our Great Nation.*

**BRAC Hearing
July 11, 2005**



San Antonio Center of Military Excellence

Presented by: Charlie Amato

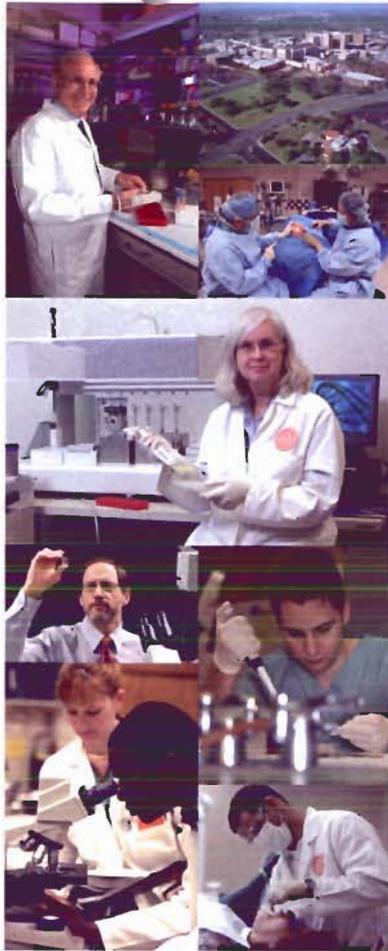
Chairman, Locally Based Southwest Business Corporation

&

Chairman, San Antonio Military Missions Task Force



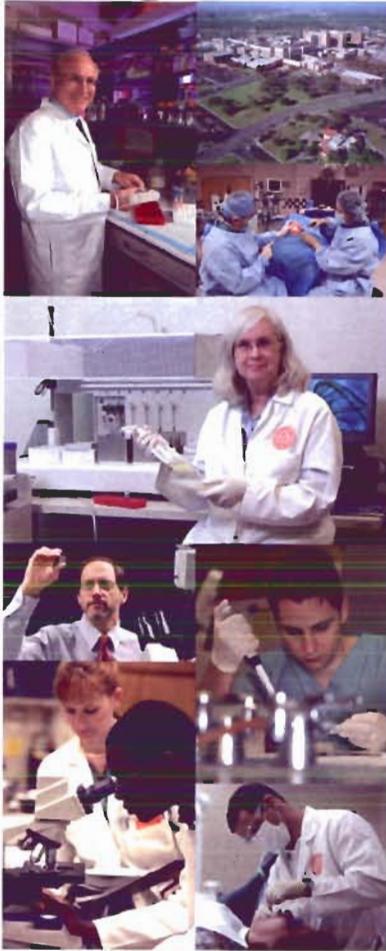
- Proud of our **Military City, USA** title, which we have earned by supporting multiple military missions over the past century.
- I urge you not to change the medical mission recommendations.
- We respectfully ask for your support of our recommendations that will enhance specific military missions.



San Antonio Home of Military Medicine

Presented by: Dr. Francisco Cigarroa
President, University of Texas Health Science Center





San Antonio Home of Military Medicine



- National model for joint medical operations and training.
- Key in the Global War on Terror and strengthened by the recommendations.
- **Lowest died-of-wounds rate in the history of combat.**

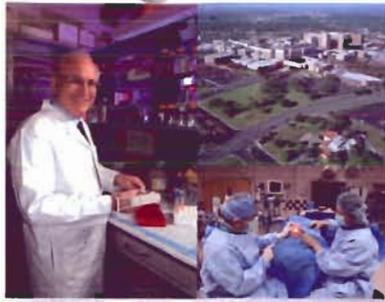


San Antonio Home of Military Medicine



- Critical inter-dependent relationship between military medicine and the University of Texas Health Science Center (UTHSC)
- UTHSC is one of the largest and most comprehensive medical education facilities in the country
 - Five health professional schools
 - 50-plus accredited health professional degree programs
 - \$200 million in funded research





San Antonio Home of Military Medicine



- Synergy to our missions in the military and civilian components of the health care, education, and research sectors.
- Compatible with the BRAC's goal to create better mission capability in joint operational readiness.



University Hospital

One of the three Level 1 Trauma Centers in San Antonio 8



San Antonio Home of Military Medicine



- Continue current trauma care capacity
- Graduate Medical Education programs are joint with the military and should continue
- Success with current military partnerships and ready to grow

Produce health care teams and medical leaders of competence and character

It is crucial that recommendations stay intact



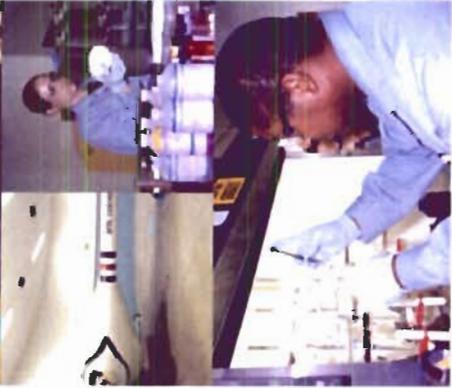
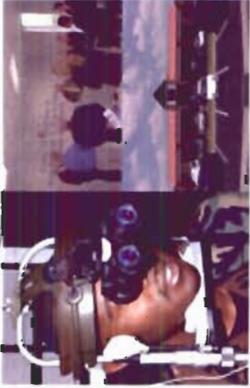
USAF School of Aerospace Medicine (USAFSAM)

AF Institute of Operational Health (AFIOH)

Directed Energy (DE) Research

Presented by: Ret. Brig. Gen.

(Dr.) John G. Jernigan



USAFSAM, AF Institute of Operational Health & Directed Energy Research

- Three recommended realignments should be changed:
 - Realignment of USAF School of Aerospace Medicine to Wright-Patterson AFB
 - Realignment of the AF Institute of Operational Health
 - Realignment of Directed Energy Research to Wright-Patterson AFB



USAF School of Aerospace Medicine (USAFSAM)

▪ FIRST RECOMMENDATION

Realign USAFSAM to become part of new joint training organization at Fort Sam Houston

- Proposed DoD move ignores the majority of the mission of USAFSAM
- Four critical air evacuation missions
- Synergy with new joint medical components



USAF School of Aerospace Medicine (USAFSAM)

- If moved to Fort Sam Houston, it could occur at the end of the six-year BRAC implementation window.
- Could serve as a remote location of the new Joint Medical Training Organization, much as Camp Bullis does today.



USAF School of Aerospace Medicine (USAFSAM)

OTHER BENEFITS

- Much of the faculty will not move to Wright-Patterson
- Much of USAFSAM faculty, particularly in critical-care-in-the-air training, came from Wilford Hall and comparable talent does not exist at Wright-Patterson





Air Evac is vital to all services



AF Institute of Operational Health (AFIOH)

▪ **SECOND RECOMMENDATION**

Keep the AF Institute of Operational Health (AFIOH)

- While AFIOH was at one time a part of Armstrong Lab, it has been separated from the lab for approximately 10 years.
- Its functions are largely related to how medical laboratory analysis can help war fighters around the globe.
- AFIOH should remain in San Antonio and tied to the USAFSAM.



AF Institute of Operational Health (AFIOH)

- An imaginative partnership was almost completed prior to the DoD BRAC announcement.
- **Partnership should be re-engaged**





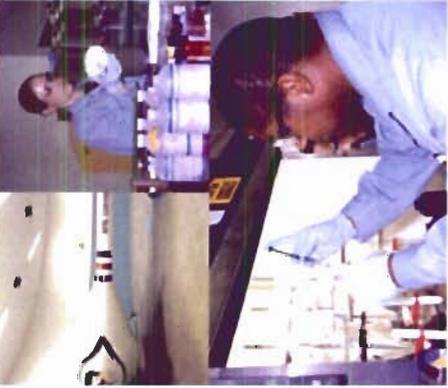
Directed Energy (DE) Research

- **THIRD RECOMMENDATION**

Retain all Services Directed Energy (DE) Bioeffects Laboratory Capabilities in San Antonio

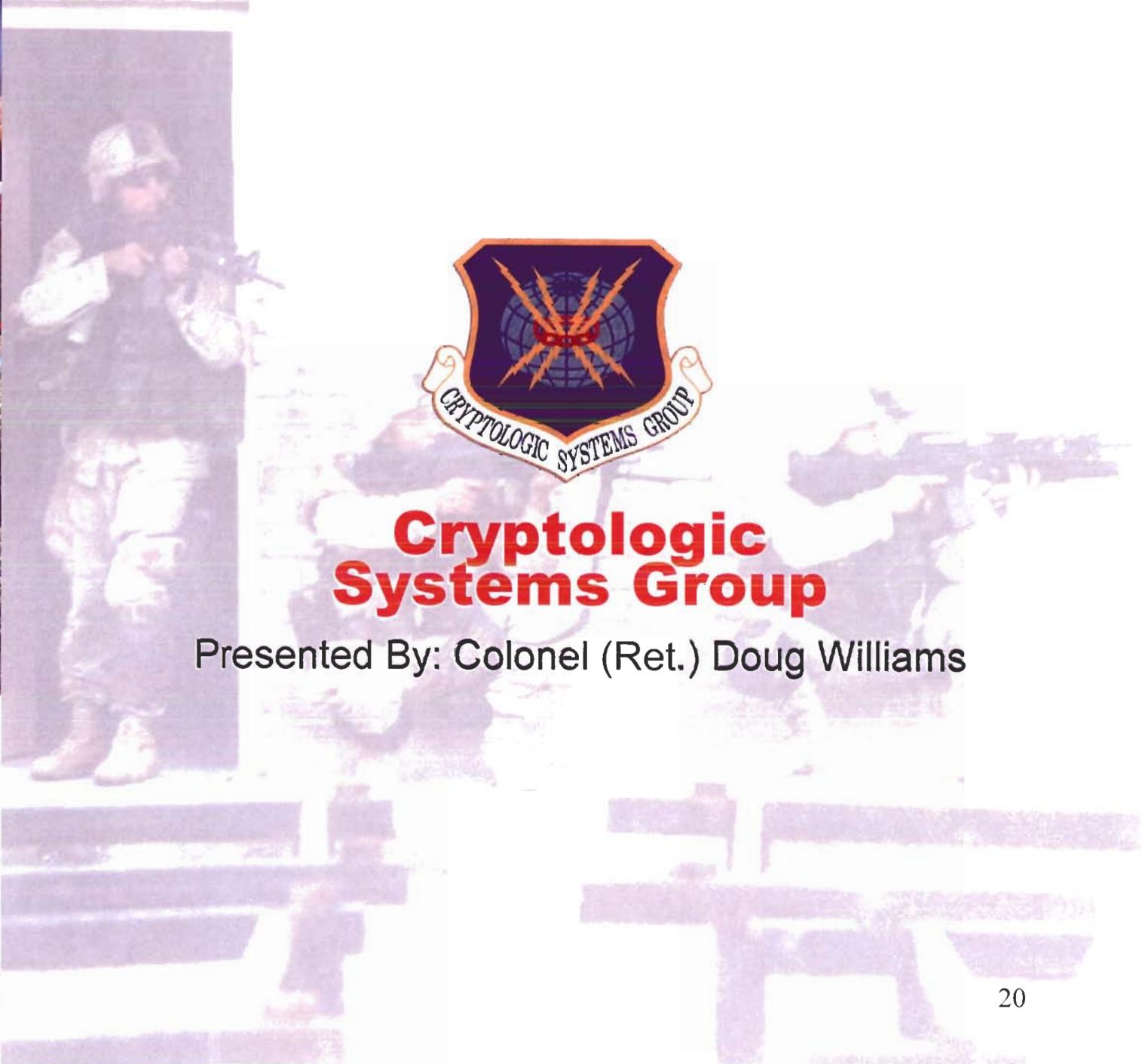
- BRAC 1989 led to Tri-Service DE Bioeffects Laboratories – world research center for effects of lasers, and microwaves on humans.
- Research sets occupational and operational safety standards for DE systems and weapons, and their use on DoD ranges.
- Enables new nonlethal DE systems for force protection and homeland security applications.





Directed Energy (DE) Research

- Deep concerns about disruption and loss of a national capability during time of war and a growing DE threat at home and abroad.
 - Our tri-service team supports Services, Combatant Commanders, Homeland Security, FAA, systems developers, intelligence agencies, and commercial airline industry
 - BRAC 1995 showed few scientists re-locate, but this field has extremely limited sources for new talent to replace the experts
 - Research is very dependent on non-human primates.
 - Primate colony and certified primate vivarium exist in San Antonio but not in Dayton, Ohio



Cryptologic Systems Group

Presented By: Colonel (Ret.) Doug Williams



Cryptologic Systems Group (CPSG)

- The current DoD recommendation to disassemble the CPSG has the potential to severely damage our national security.
- This action appears to violate at least one BRAC military value criteria.

Before Recommendation to BRAC

Customer – CPSPG

Current



Customer



Provider

After Recommendation to BRAC

Customer – Multiple Providers

DoD Recommendation

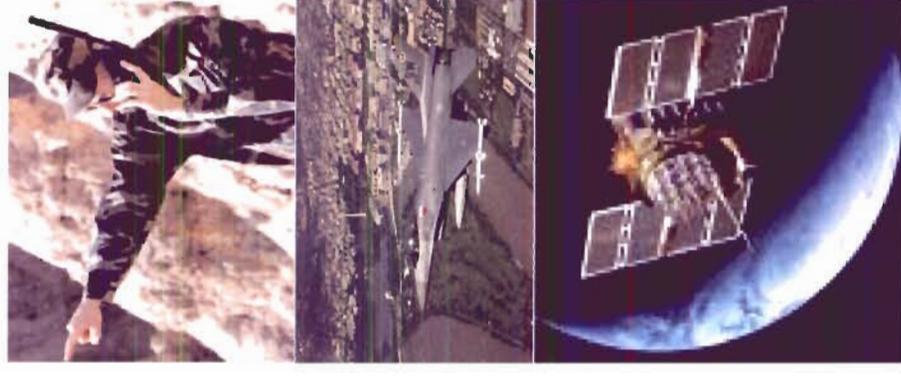


Customer



CPSG is THE Joint DoD Organization for:

- National Intelligence Support
- Space Communications Security
- Highly Classified Special Projects
- Electronic Key Management
- Specialized Facilities & Capabilities





San Antonio Center of Military Excellence

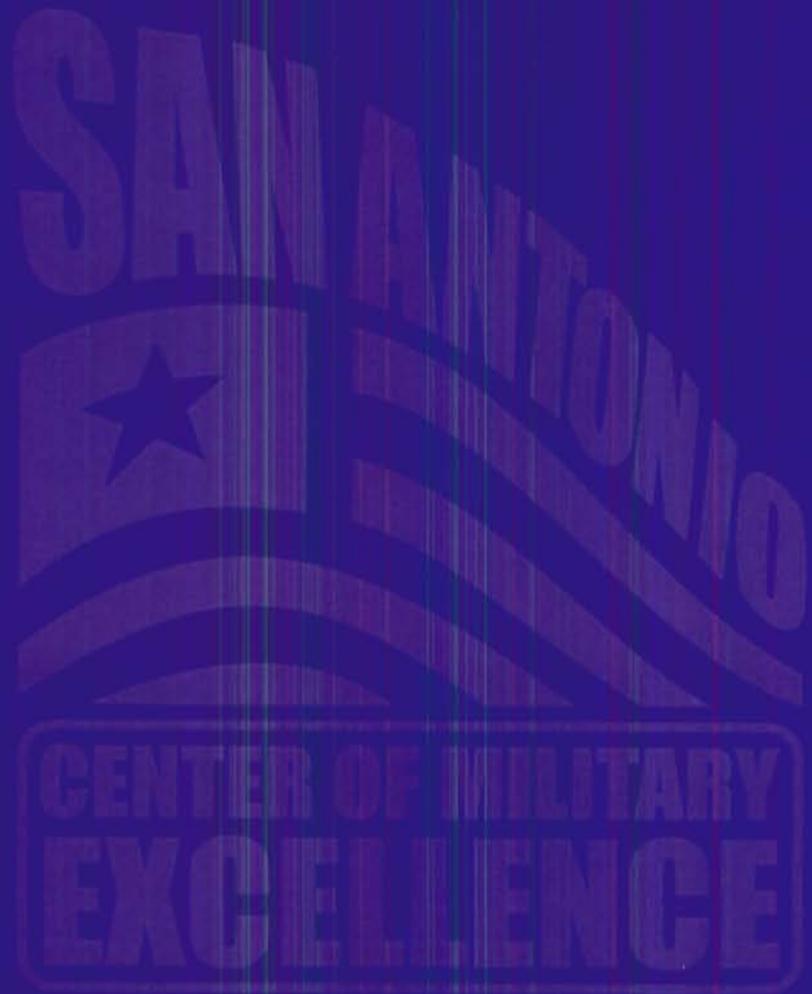
Closing Summary



- Forward the medical recommendations unchanged, except the following:
 - **USAF School of Aerospace Medicine**
 - Air evac cuts across services; huge enlisted mission
 - **AF Institute of Operational Health**
 - Leverage partnerships – AFCEE and Army Environmental Center
 - **Directed Energy Bioeffects Research**
 - Joint mission; wartime support; irreplaceable expert
- **Do not dismantle the Cryptologic Systems Group**
 - Unified center best serves all intelligence customers



Thank You



Letters of Support



CITY OF SAN ANTONIO
PHIL HARDBERGER
MAYOR

July 11, 2005

Chairman Principi and
BRAC Commissioners
2521 South Clark Street, Suite 600
Arlington, VA 22202

Dear Chairman Principi and BRAC Commissioners:

On behalf of the San Antonio City Council, I would like to thank you and your fellow commissioners for taking the time to visit our community, hold a public hearing and listen to our issues. I would also like to express our appreciation for the difficult job you face in evaluating the Department of Defense (DOD) BRAC recommendations and in making your recommendations to the President.

If all of the 67 San Antonio realignments recommended by DOD are implemented, San Antonio will have a net gain of some 3,000 new military jobs. As a City of over 1.2 million, let me assure you that we have the housing, schools at all levels, quality jobs for spouses, and pro-military population to easily accommodate this growth. Furthermore, I would like to assure the Commission that we are ready to help our military partners accelerate implementation of the final results of BRAC, whatever they may be.

Specifically, we support DOD's recommended changes in military health care facilities and programs. In fact, we are ready and eager to help execute the recommendations for establishing a new regional military medical center at Fort Sam Houston and new outpatient care facility at Lackland Air Force Base. To assist DOD in these efforts, we will partner with the military to maximize the benefits of these health care changes -- for the good of the military and the community. Furthermore, as you evaluate DOD's health care recommendations, I urge the Commission to emphasize in your report to the President that DOD meet its stated commitment to sustain the current capacity of Level 1 Trauma care in the region before, during and after the planned transition.

We will also assist our military bases with the planning and implementation of over \$2 billion in recommended BRAC military construction projects. Specifically, we will offer our expertise in the areas of land planning, traffic control, utilities, roads and other municipal programs to help our military partners efficiently and effectively provide the facilities required to carry out the BRAC decisions.

While we strongly support the DOD BRAC recommendations on military health care and a majority of the other recommendations affecting our community, there are five specific alternatives we offer for your consideration and further evaluation. Those alternatives are related to the following military missions:

- Cryptologic Systems Group at Lackland Air Force Base.
- Directed Energy Center at Brooks City-Base.
- Air Force Institute of Occupational Health at Brooks City-Base.
- U.S. Air Force School of Aerospace Medicine at Brooks City-Base.
- Defense Finance and Accounting System field site in San Antonio.

You briefly heard the justification for these five alternatives during the public hearing, and we have provided more detailed information on each alternative in your background books.

Again, thank you for visiting "Military City USA" and sharing your time with us on this very important issue affecting our national security. We trust you will give these alternatives a thorough review. Regardless of the outcome, we are prepared to partner with DOD in facilitating implementation of the final BRAC results.

Respectfully yours,



Phil Hardberger
Mayor



NELSON W. WOLFF
COUNTY JUDGE
BEXAR COUNTY COURTHOUSE
SAN ANTONIO, TEXAS 78205-3036
(210) 335-2626 • FAX (210) 335-2926

July 11, 2005

BRAC Commission
2521 South Clark Street, Suite 600
Arlington, Va., 22202

Dear Commissioners:

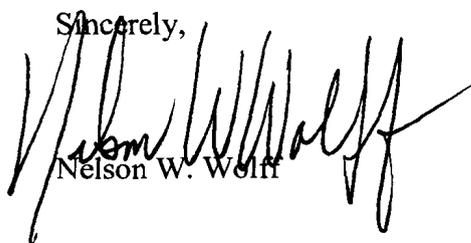
San Antonio is a city that is proud to be known as Military City, USA. We are a community that is unified in its support of the great men and women serving in our military.

We believe that the Secretary of Defense offers an excellent set of recommendations regarding the missions in San Antonio, particularly those regarding medical components. The recommendations recognize and further strengthen San Antonio's role as the center for military medicine. However, we do believe that there are missions that can be better realigned to produce stellar results for our country.

As such, we ask that the DoD's medical recommendations be sent to the President unchanged, with the exception of the School of Aerospace Medicine and the research areas presented to you in testimony today. These should remain intact and in San Antonio to achieve optimal benefits for our military. Additionally, we urge the commission to not dismantle the Cryptologic Support Group which is so vital to our national security.

We thank you for the great service you are doing to our nation by undertaking this decision making process.

Sincerely,


Nelson W. Wolff

White Papers



**USAF School of Aerospace Medicine
(USAFSAM)**

DoD recommends moving USAFSAM to Wright-Patterson AFB for the following reason:

“The end state will co-locate the Human Systems Development and Acquisition function and the Human System Research function with the Air Force Aerospace Medicine and Occupational Health education and training.”

- This is a laudable goal and we support it
- It does not require moving the entire USAFSAM
- It does require moving the Human Systems Program Office (SPO) and parts of the HE directorate of the USAF Laboratory (we support that)
- It also requires determining the exact requirement of Specialists in Aerospace Medicine (RAMs) to support this effort

The vast majority of training at USAFSAM has nothing to do with this effort

- Approximately 40-50% of the student load is enlisted
- Over 2000 enlisted are trained each year in a variety of courses that support the AEF concept, none of which have anything to do with Human system research, development, or acquisition

Training of doctors, nurses, and enlisted crewmembers in aeromedical evacuation (air evac) is arguably the most important mission of USAFSAM

- The United States simply could not prosecute the global-war-on-terror without the ability to evacuate severely wounded troops from multiple locations around the world
- There are 4 separate courses in air evac involving over 300 training days each year
 - i.e. on average there is AE training every day and many days two courses
- Critical-care-in-the-air courses require “adjunct faculty” from Wilford Hall
 - comparable talent does not exist at Wright-Patterson (WPAFB)
 - would lose the real world war experience of this asset (50% of the active AF mobility positions for this skill are at Wilford Hall)

Ft. Sam Houston with the new Joint Medical Training Center would be an ideal location

- All enlisted training is moving there, so why move 2000+ to WPAFB
- Current high quality facilities at Brooks City-Base should be used until the end of the 6 year BRAC implementation window
- Facilities potentially could be used longer as a remote site of the new Joint Training Organization, much as Camp Bullis is now
 - if this option is used a solution for support of the enlisted must be developed

Ultimately USAFSAM should become a joint organization

- Lt. Gen. Taylor reported that was considered and rejected because of “operational differences” between the Services
 - that is nonsense, the similarities in required training are about 90% of the curriculum and the Army/Navy differences could be managed with TDY
- Savings in faculty would be tremendous (orders of magnitude over the TDY)
- Further, air evac is vital to every service and this would maximize exposure
- Organizing USAFSAM with the new joint organization makes this merger likely
- Moving to WPAFB would almost certainly kill it

There are multiple benefits of leaving USAFSAM in San Antonio

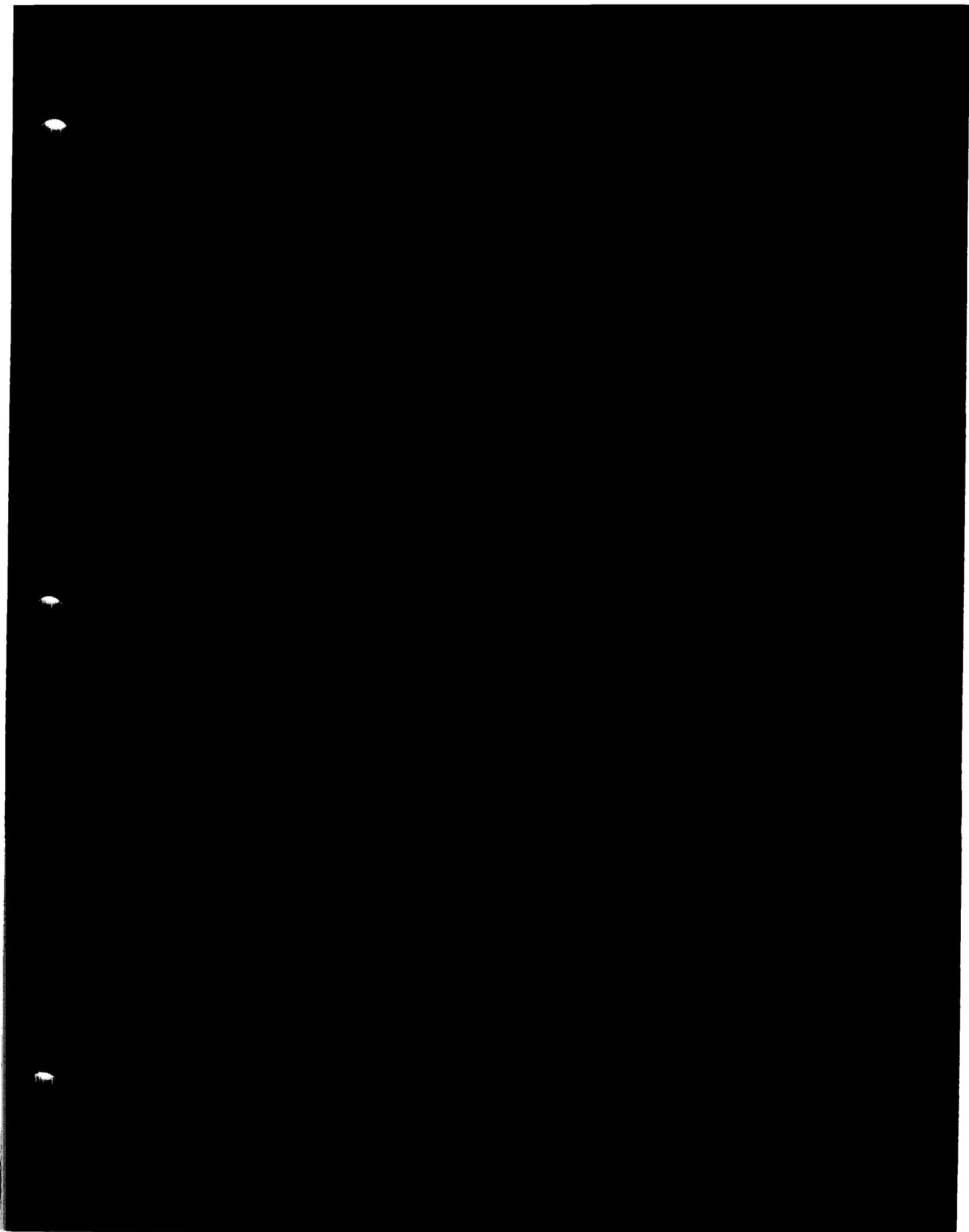
- Much of the faculty both retirement eligible active duty and civilians will not move
 - unclear whether adequate analysis of how the mission would continue has been accomplished
 - much of the critical-care-in-the-air instructor staff comes from Wilford Hall with no comparable talent at WPAFB
 - air evac is so vital to all military medicine that keeping it co-located with the “center of gravity” for military medicine should create tremendous benefits

The members of the San Antonio Military Missions Task Force are ready to support your analysts in any way possible to demonstrate both the increased savings of this option as well as the increase in military value.

USAFSAM Aeromedical Consult Service (ACS)

The Aeromedical Consult Service of USAFSAM is a unique organization that evaluates all USAF personnel on flying status whose medical status might necessitate grounding. They only get the toughest cases that cannot be managed by local doctors. This paper will document the reasons moving to Wright Patterson AFB (WPAFB) could compromise this important mission.

- ACS's research is clinical or epidemiologic in nature so its current links with Wilford Hall are more important than links to the researchers at WPAFB
- Loss of proximity of specialists and subspecialists who consult on most cases together with the ACS staff physicians. WPAFB Medical Center does not have the same level of specialties available
- Additional clinical assets are available in San Antonio but not WPAFB
 - vestibular exams
 - cardiology
 - Sleep lab
 - Contract technicians with appropriate experience who will not move
- Loss of proximity to the USAF's only laser refractory center (PRK and Lasic)
 - current policy requires flyers to be examined by the ACS ophthalmology branch prior to surgery
 - move to WPAFB would require evaluation there then fly to San Antonio for surgery
- The ophthalmology residency at Wilford Hall is dependent on the Visual Electrodiagnostic Laboratory at the ACS. Ophthalmology residency might lose accreditation
- ACS provides lectures for multiple residencies at Wilford Hall
- 2/3 of the ACS staff are civilian and many are one-of-a-kind and are not likely to make the move
 - even if 100% of military moves, support will suffer



**Air Force Institute of Operational Health
(AFIOH)**

AFIOH should not realign to Wright-Patterson AFB

- Until the early 1990's the people and equipment that make up AFIOH were assigned to the Armstrong Laboratory and therefore were a part of the USAF Research Lab structure
- When AFMC "stood up" as a command the true research part of Armstrong Lab was organized under the one USAF Lab as a directorate and AFIOH was formed (although with a different name)
- Ergo, there is no linkage with WPAFB and moving it there would not achieve synergy of any kind

AFIOH accomplishes many laboratory studies that support USAF personnel world-wide

- These studies utilize very expensive equipment which is generally not utilized full-time therefore is ideal for a public-private partnership
 - these samples are usually of air, water and soil
- They also manage "project gargle" which analyzes patient samples from around the world to determine which strain of influenza is most likely to emerge. They actually have a representative on the panel that determines the exact composition of the flu vaccine each year
- They run all the urine tests for the Air Force drug program

Through a co-operative research and development agreement (CRADA) AFIOH developed the first ever field test for biologic agents (1998) called RAPID

- They did this despite Army having "executive agent" responsibility for this area
- As a result AFIOH is now the home of a joint-service effort to field detection capability

AFIOH leadership realized that many civilian laboratories could accomplish the same tests they were running

- This led to analyzing a public-private partnership, basically as follows
 - AFIOH personnel would share equipment with private firms (who pay and find their own customers)
 - AFIOH turns manpower into money in the POM, allowing them to sign a long-term lease
 - Another company uses that lease to gain financing to build a new facility and get AFIOH out of older scattered buildings

This partnership was virtually complete with construction about to be announced when the DoD BRAC recommendation was published

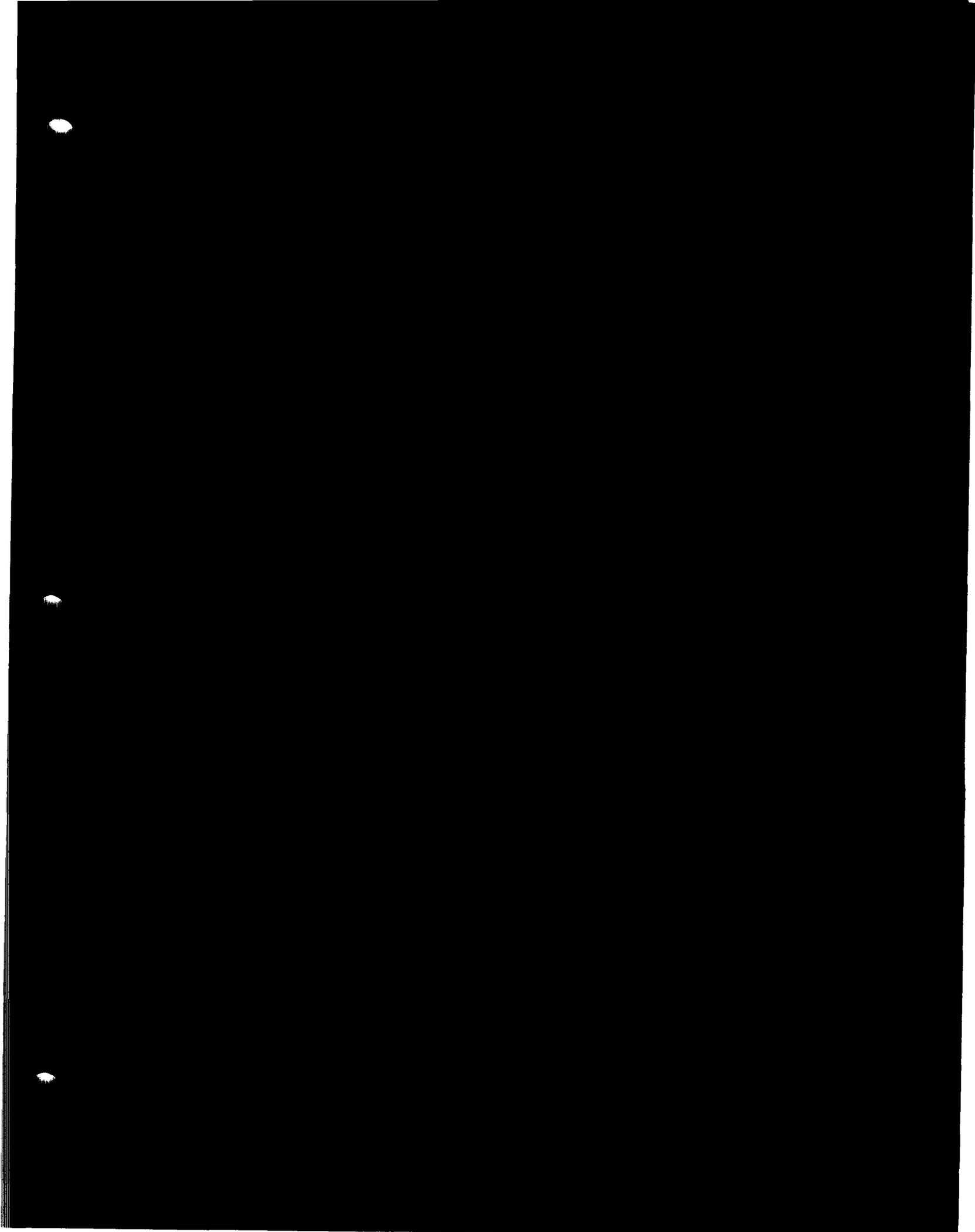
- Partners would be willing to renew this effort in San Antonio
- Uncertain whether that could be done at WPAFB

**RECOMMEND KEEPING AFIOH IN SAN ANTONIO USING THIS
PARTNERSHIP**

We should recognize the key words in Air Force Institute for Operational Health (AFIOH) are "Operational Health"

- WPAFB - AFMC Headquarters, is focused on Command Elements, Research, Development and Acquisition, where the San Antonio focus under the BRAC process is around Health Care Training and operational support to the War Fighter, exactly the mission of AFIOH.
- Coupled with Joint Synergy, the largest Industry in San Antonio is Health Care, reaching out to industry and academic leaders will further mission effectiveness of our deployed forces and are accomplished routinely here.
- The other aspect of AFIOH, is the environmental support functions protecting human health and the environment. The fact the Air Force Center for Environmental Excellence will remain in San Antonio, with no other environmental centers throughout the Air Force or other services, makes the day-to-day interaction between AFCEE and AFIOH all that more important. A move to WPAFB would potentially diminish collaborative efforts associated with these missions.
- By leaving the missions in San Antonio and Brooks City-Base initially the cost of new facilities could be eliminated until, true Tri-Service organizations can be researched.
- Public/Private partnerships under development to reduce the operating costs associated with Operational Health missions will increase overall mission effectiveness. These relationships are not under development in Ohio, and a move would set back the process of freeing up military resources to support the War-Fighter.

AFIOH promotes global force health protection of AF warriors and communities by providing biological, chemical, and radiation risk assessment expertise, including in-house laboratory and 24-hour deployment capabilities. AFIOH monitors health trends of AF personnel and provides expert environmental services to AF bases worldwide. Also, AFIOH conducts medical surveillance and provides consultation to assess operational and environmental health risks. In addition, AFIOH develops and utilizes academia, local, state, and Federal agency partnerships. AFIOH improves operational medical capabilities through concept innovation, plans and technology transfer, human performance enhancement via education, training and exercises and cross community integration via military/civilian partnerships.



Tri-Service, Collocated Directed Energy Bioeffects Laboratories
Currently at Brooks City-Base, San Antonio, Texas

BRAC Direction Past and Present

- BRAC 1989: Directed Army Letterman to move its DE Bioeffects Laboratory (DEBL) to Brooks AFB
- Army and AF collocation led Navy to move from Pensacola FL, establishing Tri-Service DEBL
- DOD BRAC 2005: Disestablishes Tri-Service DEBL (TS-DEBL) at Brooks City-Base TX
- USAF and Navy move to WPAFB OH; Army moves to Ft Sam Houston TX

BRAC 1989 is a Success – TS-DEBL is a Model for Collaborative S&T

- Fostered collaboration, eliminated duplication, and reduced costs
- Joint research and facilities basis for new safety limits for all new DOD high-energy lasers
- Sped transition of technology to warfighters – eye protection and microwave nonlethals
- Created “one stop shop” for developers, operators, Surgeons General, and policymakers

We Offer that Keeping the Services' DEBL in San Antonio TX is a Win-Win for BRAC and Mission

- Prevents mission disruption during time of war when threat is growing rapidly
 - DEBL serves as “rapid response” technology center for Combatant Commanders
 - New DE nonlethal weapons in Iraq for convoy protection use effects data from TS-DEBL
 - New DE concepts that destroy mortar rounds in flight use safety data from TS-DEBL
 - New Laser Warning Systems surrounding Wash DC use data from TS-DEBL

- DEBL serves as a national asset for defense, homeland security and military medicine

- SAF/AQ, USA Rapid Equipping Force, NORAD, FAA, TRADOC, Joint Nonlethal Weapons Directorate, and Homeland Security have immediate, on-going needs

- Enhances new Center of Excellence for Battlefield Health and Trauma at Ft Sam Houston

- Next generation DE technologies will be part of combat casualty care systems

- Medical treatment of DE injuries is the emerging field in DOD medicine in this century

- Employing DE systems have national and international policy issues for safety of non-combatants

- Maintain mission capabilities and continuity by sustaining work force

- Historically, only about 20% of civilian and contractor workers move to new BRAC location

- No critical mass of experts exists outside San Antonio, as field is new and highly specialized

- Very few academic programs train students in DE bioeffects; limited pipeline for new talent exists

- Greater savings are realized by keeping TS-DEBL in San Antonio TX

- TS-DEBL work force is not lost; personnel re-location and replacement costs are avoided

- Leverages 6 AAALAC accredited vivariums (some for non-human primates) in San Antonio TX

- Avoids upgrade costs at WPAFB vivarium to permit housing of non-human primates

- TS-DEBL laboratories and specialized equipment can still be shared by all Services

- Synergy with the San Antonio biomedical research community is preserved

- San Antonio has World Health Organization experts in DE bioeffects, treatment, and protection

- UT San Antonio Health Sciences Center receives USAF grants for DE bioeffects research

- Southwest Foundation for Biomedical Research has a BSL-4 facility (1 of only 4 in nation)

- Southwest Foundation for Biomedical Research is a source of primates for TS-DEBL research

- Southwest Research Institute has laser, microwave and RFR radiation sources

Stay True to Value that Collaboration and Jointness Enhance Missions

- Disestablishment of Tri-Service DEBL goes against the benefits of collocation and jointness

Either retain all Services' DE Bioeffects missions somewhere in San Antonio TX,

Or move all Services' DE Bioeffects missions elsewhere

**Directed Energy Bioeffects
2003 Scientific Advisory Board**

**5.3 IMMUNITY FROM THREAT THRUST: DIRECTED ENERGY
BIOEFFECTS CTA**

The Directed Energy Bioeffects CTA is a Center of Excellence for promoting the safe use of non-ionizing electromagnetic energy for military purposes. The DE Bioeffects Laboratory plays a leading role in the development and harmonization of national and international science-based standards to protect against RF/microwave and laser hazards, extending the knowledge base beyond that of specific importance to the AF. This Laboratory is still the only known laboratory conducting human research on the effects of RF exposure on the human thermoregulatory system, and establishing sensitivity and pain thresholds at millimeter-wave frequencies. The directorate's efforts in conjunction with the Army and Navy Detachments at Brooks City Base and the ADS effort with the Marine Corps (JNLWD) is an exemplary case of inter-service cooperation and efficient use of resources. A number of projects also exemplify the cross-discipline collaboration approach with academia and the private sector and the effective use of CRADAs and SBIRs. The DE Bioeffects Laboratory is adaptive, responds in real time to complex problems and brings substantial value to the Air Force, the scientific community, and the private sector.

A pre-review site visit to Brooks was conducted under this CTA on 02 OCT 03, when we had the opportunity to meet with the staff and visit the Laser Protection facilities (while discussing efforts in vision science and high energy laser safety), the Counterproliferation Laboratory, and the RFR Laboratories (while discussing efforts in RF dosimetry, the "visible man" animation, the Active Denial System, and human effects of non-lethal weapons).

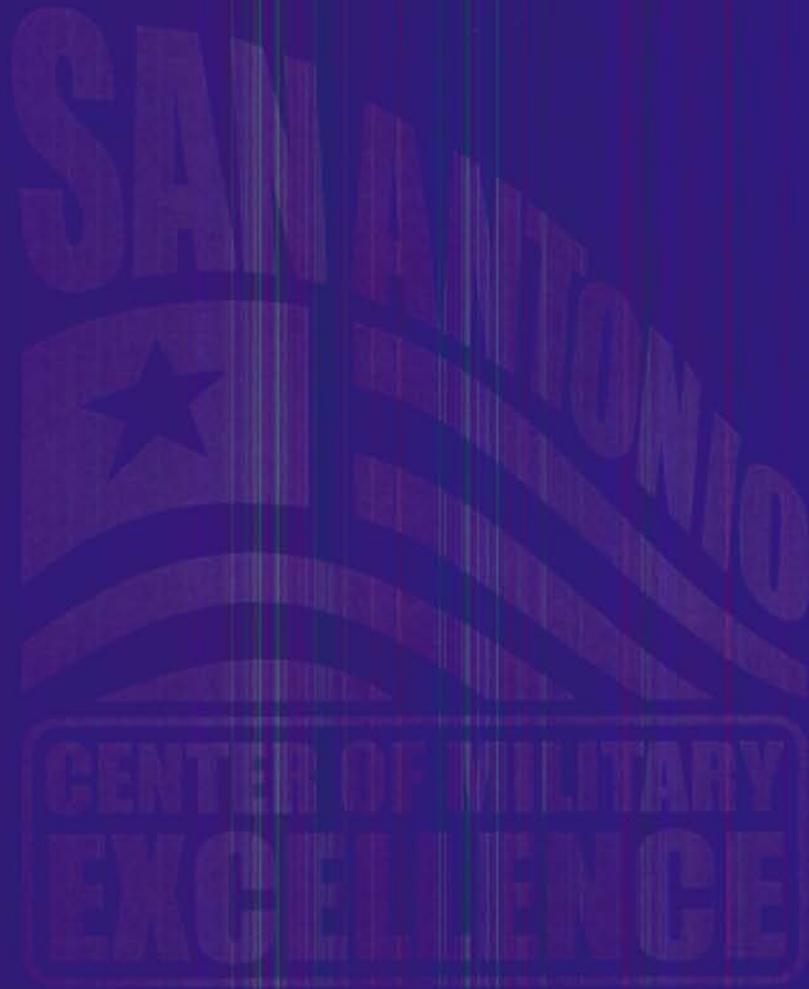
The SAB Review Panel noted the following as particular strengths of this CTA:

- Diverse program focused on AF needs – clear goals and objectives
 - Exemplary case of a logical progression between 6.1, 6.2, 6.3, ... AF operations
 - Strong emphasis on verification, validation, accreditation, e.g., RF dosimetry, laser damage modeling, laser range safety tool
 - Strong relationship with ABL, ATL SPO, e.g., laser safety program
 - Impressive end user endorsement, (JNLWD – ADS demonstration)
 - Effective inter-service (Project Reliance) complementary research collaboration, e.g., Army Medical Laser Research Detachment, Naval Health Research Center- Microwave Detachment
 - Effective inter-directorate, academic and commercial collaborations (CRADAs, SBIRs)
 - Established record of real-time response, e.g., laser protective eyewear

- World-class laboratory and multidisciplinary staff
 - International recognition by the scientific community as a world class laboratory (recipient of numerous awards)
 - Sole source of reliable human research data (RF thermophysiology, mm-wave pain and sensitivity threshold studies)
 - Pre-eminent in advancing the field of RF dosimetry (“visible man,” interactive RF Dosimetry Handbook, animated “visible man”)
 - Major contributor to national and international standards
 - Focused research to support science based standards and extend their use to areas important to the AF, e.g, ultra-short pulse lasers, millimeter-wave ADS
 - Leading role in international standards harmonization (WHO EMF Project, ANSI, IEEE, IEC, ICNIRP, NATO)

Some additional observations, issues and/or recommendations include the following:

- Difficult to assess research priorities and resource utilization (no obvious top-down strategy)
- Recognized outside the AF as world class facility but it’s not clear that the same level of recognition occurs at higher levels of the AF



Full Testimony

Opening (Mr. Charlie Amato) 1 minute

Chairman Principi and Commissioners—As a former Chamber Chairman and as Chairman of our local base closing task force, I am grateful to our local, state and Congressional leaders who are here today to show their support and who have generously deferred to local experts who will best utilize our time.

We believe that overall the Secretary of Defense has an excellent set of recommendations for the military missions in San Antonio, particularly those that reaffirm San Antonio's role as a national center for military medicine. We urge you not to change those recommendations.

However, we do believe there are a few local missions that can be realigned in a way that will increase their military value.

We have three topic experts: Dr. Francisco Cigarroa, President of the University of Texas Health Science Center at San Antonio, will discuss the changes in military medicine. Retired Brigadier General John Jernigan will discuss the realignments of the USAF School of Aerospace Medicine, the Air Force Institute of Operational Health and the Directed Energy Research at Brooks. Retired Colonel Doug Williams will address the issue of the Cryptologic Systems Group.

Our first speaker is Dr. Cigarroa.

2. Medical Issues: Dr. Cigarroa

Chairman Principi and Commissioners, on behalf of the people of South Texas, we welcome you to San Antonio: Military City, USA – and the home of military medicine.

San Antonio is a national model for joint military medical operations and training, and civilian/military partnerships. It is key to supporting the Global War on Terrorism. This synergy is saving lives today and has helped produce the lowest died of wounds rate in history.

As President of the UT Health Science Center, I lead a comprehensive university with five health professional schools, over 50 accredited degree programs and nearly \$200 million in funded research.

We are proud of the inter-dependent relationship we have had with military medicine since our inception.

In my estimation, there is no better city in America than San Antonio to accomplish the goals outlined by the DOD recommendations for military medicine.

Those recommendations are well within our capacity to implement.

Great centers of military medicine – and academic medicine - require a synergy of education, research and clinical care. This is what we proudly offer, and we pledge to be a national treasure for our military and their families.

The recommendations to build a regional medical center, to consolidate medical training, and to establish a Joint Center of Excellence in Battlefield Health and Trauma in San Antonio are all compatible with our expertise and are consistent with the goals of DOD and the BRAC commission.

With Brooke Army Medical Center, the Air Force's Wilford Hall Medical Center, and the South Texas Veteran's Health Care System, San Antonio has long been the place to which the nation has brought its wounded and cared for the nation's heroes ... from private to President.

We pledge to continue this service.

And as we look toward the future of military medicine and the role San Antonio would play, let me address a few specific issues.

San Antonio appreciates DOD reaffirming their commitment to the trauma mission in our region. The Congressionally-supported Trauma Institute of San Antonio (TRISAT) is working well for trauma care and research.

We are confident that we can adjust to two Level-One Trauma Centers. The loss of Wilford Hall's inpatient

services, however, will require investment at both the new military medical center and the University Health System.

We would appreciate the BRAC commission revalidating this commitment to keeping the total volume of military trauma care at current levels.

Trauma is but one example of the special relationship the Health Science Center has with the military.

On any given day, dozens of Health Science Center students, residents and faculty are engaged in clinical care, education and research at the military hospitals.

And in turn, the Health Science Center has dozens of military physicians, nurses and others engaged in education and research in *our* programs.

Many of our Graduate Medical Education programs are joint civilian/military residencies, and we expect that number to increase.

The leaders of San Antonio would appreciate the BRAC commission acknowledging the Health Science Center's special relationship as the preferred partner for the military medical organizations in education, research and clinical care, and adding value to military medicine unlike any other place in the country.

We are in partnering discussions to establish a satellite of our NIH-supported General Clinical Research Center at the new military medical center.

We also intend to bring the regional military medical center into our San Antonio Cancer Institute, an NCI-designated cancer center. We would appreciate your support for this.

In closing, The DOD recommendations for military medicine affecting San Antonio are far-reaching and visionary. They make logical sense. It builds upon what is already happening. You should not change them.

And, by combining these recommendations with the superb resources of our civilian institutions, we will be able to make military medicine even better and to produce healthcare teams and medical leaders of great competence and character for a lifetime of service to their communities. This is vital for saving the lives of our troops in Iraq, Afghanistan, and elsewhere.

And now I'd like to introduce Dr. John Jernigan, a retired Air Force Brigadier General and a former Commander of Brooks Air Force Base

3. Brooks discussion: BGen (ret) John Jernigan

Commissioners, I am addressing you today as a concerned citizen with expertise in both Aerospace Medicine and Aeromedical Evacuation, as well as having served as the Dean of USAF School of Aerospace Medicine (USAFSAM). I completely agree with Dr. Cigaroa's comments, but there are three realignments that you should change. The first regards the USAF School of Aerospace Medicine,

USAFSAM. DoD's plan would move USAFSAM to Wright-Patterson AFB, with the following justification in their report. I quote, "The end state will co-locate the Human Systems Development and Acquisition function and the Human System Research function with Air Force Aerospace Medicine and Occupational Health education and training."

Such a move totally ignores the fact that the majority of the mission of USAFSAM involves training that has nothing whatsoever to do with human system research or development. For example, there are four courses in aeromedical evacuation, including the critical-care-in-the-air course. In total, these courses account for over 300 training days each year, and they're absolutely vital to provide the teams who bring our wounded heroes home every day around the globe. Furthermore, over 2000 enlisted medics are trained at USAFSAM each year in a variety of skills that support our global deployments. And finally, the Aeromedical Consult Service directly supports our warfighters around the globe. The Consult Service is dependent on its multiple partnerships with WHMC which will not exist at Wright-Patterson AFB.

Therefore, it seems to me that Ft Sam is the perfect place for USAFSAM. In fact it could remain in its current high quality facilities on Brooks City-Base until the end of the six- year BRAC implementation window. It might actually not need to move at all, but could serve as a remote location of the new Joint

Medical Training organization, much as Camp Bullis does right now.

There are multiple benefits from this suggestion: first, much of the faculty, both active duty and civilian, will not move to Wright-Patterson, and I do not believe adequate analysis of how the AF will replace such specialists has been done; second, much of the faculty for USAFSAM, particularly in critical-care-in-the-air training comes from Wilford Hall and comparable talent simply does not exist at Wright-Patterson; third, air evac is so vital to all the military Services that having it as part of the new "Joint Training Organization" should certainly create tremendous benefits.

A second realignment that should be changed is the recommendation to realign the AF Institute of Operational Health (AFIOH). While AFIOH was at one time a part of the Armstrong Lab, and therefore a part of the AF research community, it has been separated from the Lab for over 10 years. Its functions are largely related to using medical laboratory analysis to support warfighters around the globe. This organization should remain in San Antonio tied to the USAFSAM. A public-private partnership, which would accomplish the laboratory work currently done by AFIOH, was almost completed prior to the DoD BRAC announcement. This plan should be re-engaged. It will give DoD much greater value than moving AFIOH to Wright-Patterson.

The third realignment involves directed energy research. BRAC 1989 led to establishment of the Tri-Service Directed Energy Bioeffects Laboratories in San Antonio. It remains tri-service today. We ask that BRAC 2005 keep it so.

The Laboratories are the world's center for effects of lasers and microwaves on humans, accomplishing both unclassified and classified missions that impact military medicine, Iraqi operations, and security of our nation's capital.

Military medicine uses the laboratories to set safety guidelines treat injuries from DE threats. Policymakers use the research to answer issues regarding risks to non-combatants, as with Airborne Lasers or microwaves for riot control.

Shifting gears to the current war on terror. Our Tri-Service Laboratories are actively developing new non-lethal capabilities – e.g. microwave systems now in Iraq for offensive urban operations, new concepts that destroy mortar rounds, force protection systems for convoys and checkpoints, and aircraft warning systems in Washington, DC.

This joint success story cannot be moved or rebuilt without permanent harm. BRAC 1995 data show that 70-80% of scientists will not move. You won't find directed energy bioeffects programs in graduate schools or commercial companies. If you move it, you lose it.

Finally, one must note that this research depends on non-human primates. A primate colony and certified vivarium exist in San Antonio TX but not in Dayton OH.

Intro Doug Williams

4. Cryptologic Systems Group: Col (ret) Doug Williams

Good morning Chairman Principi and Commissioners.

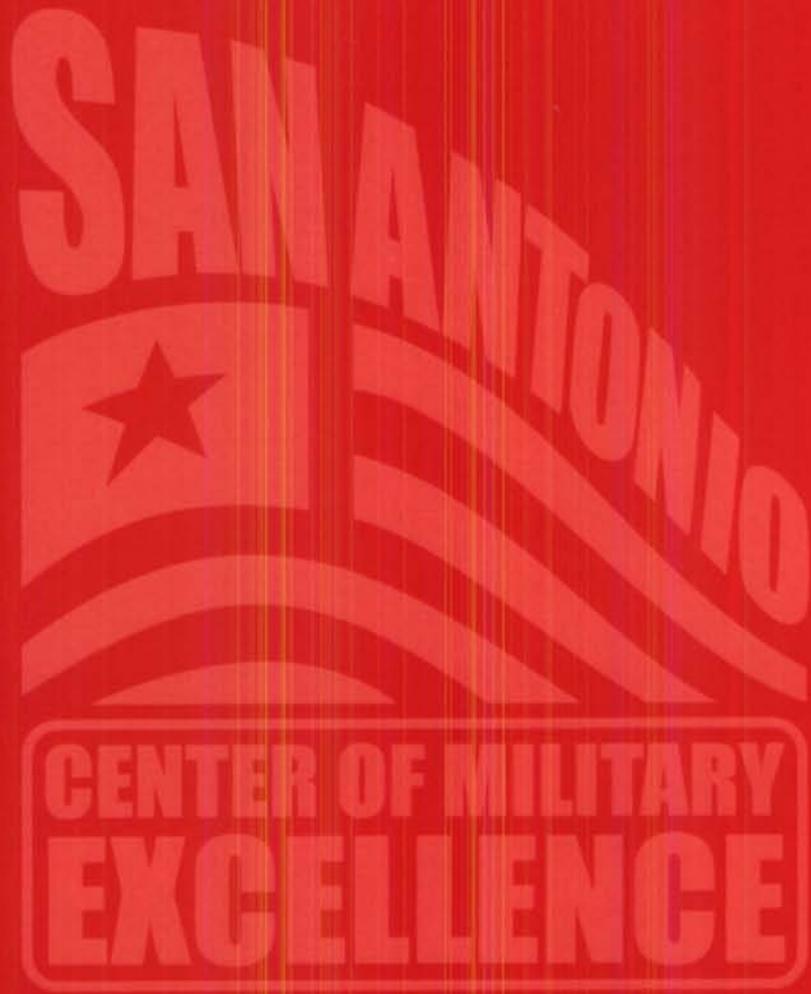
The Cryptologic Systems Group, or CPSG provides highly specialized support to a host of military and non-military governmental agencies. These agencies depend on the CPSG to protect their most sensitive and classified operations. Because of the secretive nature of the CPSG's work, my comments will be limited to just a few observations and will emphasize our belief that the proposed realignment of the Cryptologic Systems Group has a very real potential to severely damage our national security. The Defense Department first proposed closure of the CPSG and realignment of its functions during the 1995 BRAC. At that time the CPSG was part of the San Antonio Air Logistics Center. Fortunately, the '95 BRAC Commission recognized that the vital functions performed by the CPSG should be left intact as a part of Lackland AFB. We don't know what lead to the department's recommendation to break up the CPSG during this current BRAC round but there are indications the intelligence community was not

sufficiently involved in the decision. We know, for example, that the National Security Agency has formally expressed concern about the realignment recommendation. In addition, the DOD realignment proposal appears to violate BRAC military value criteria in that it would decrease efficiency and adversely affects the war fighter. This slide shows what I mean. As you can see, CPSG customers, such as tactical commanders, the National Security Agency, or National Reconnaissance Office currently enjoy "one-stop support" for all the tools, products, and services they need to protect sensitive, classified operations. This next slide reveals how the process will change if the proposed CPSG realignment takes place: customers would have to go to five different geographic locations to get the service they now get by making one call to the CPSG. It's reasonable to assume that speed and efficiency of even the most sensitive and important operations will suffer. Among the hundreds of realignments suggested by DoD for this BRAC, the disassembly of the Cryptologic Systems Group is one that could directly threaten the security of our nation and the safety of our troops. To summarize, the CPSG is a joint organization that supports vital national security and intelligence functions. Breaking it apart has the potential to do real harm. We urge you to carefully weigh and consider the background data we've provided. We look forward to answering your questions and working with your staff on this matter. Thank you for your time and attention.

Closing:

Commissioners, in closing, I would direct your attention to the screen. There and in the hard copy you will see our bottom line. (Pause)

Thank you for your service to our nation and for having this hearing in the home of the World Champion San Antonio Spurs.



CD Save Crypto



Cryptologic Systems Group

"Ensuring Information Superiority and Agile Combat Support"



The Cryptologic Systems Group

Welcomes



Commissioner James T. Hill
(General, USA Ret)

and

Honorable and Distinguished Guests

6 July 2005



Agenda



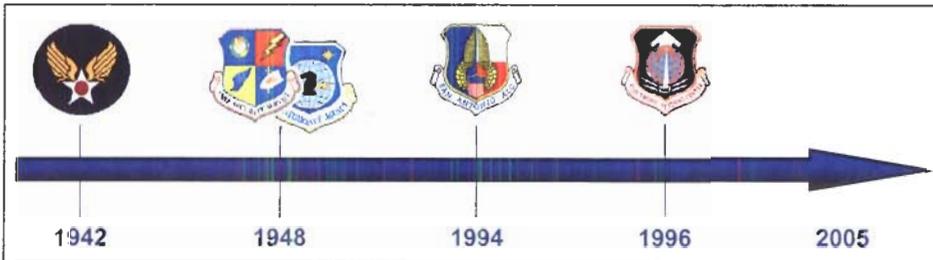
- ◆ **1100-1125: Unclassified Briefing**
 - **CPSG Mission**
 - **DoD BRAC 2005 Recommendations**
 - **DoD BRAC 2005 Data**
- ◆ **1130-1200: Classified Briefing**



Mission and Organization "Integrated Synergy"



More Than 60 Years of "Recognized Excellence"



136th Signal Radio
Intelligence Company
Army Air Corps

USAF Security Service
(Now AIA)

San Antonio
Air Logistics Center
(AFMC)

Cryptologic Systems
Group
(ESC)

1963 - AFOUA 1970 - AFOUA 1984 - AFCEA 1990 - AFCEA 2001 - Outstanding Small Depot
1977 - AFOUA 1986 - AFCEA 1993 - AFCEA 2002 - Outstanding Small Depot
1978 - AFOUA 1988 - AFCEA 1999 - AFCEA 2004 - Outstanding Small Depot

AFOUA - AF Outstanding Unit Award
AFCEA - AF Organizational Excellence Award

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Slide #3



Mission and Organization "Integrated Synergy"



- ◆ **Excluded From '95 BRAC Air Logistics Center (ALC) Depot Consolidation Recommendation**
"...realign Kelly Air Force Base including the Air Logistics Center... Consolidate the workloads to other DoD depots or to private sector commercial activities... The airfield and all associated support activities and facilities will be attached to Lackland AFB, Texas as will the following units: the Air Intelligence Agency including the Cryptologic Depot..."
- ◆ **Realignment In-Place Due to Co-Location With Customers, Unique Business Processes, and Specialized Facilities**
 - Evaluation Criteria Used:
 - Mission Similarity
 - Data Systems Access
 - Proximity to Major Customers
 - Minimize Customer Disruption and Customer Confusion
- ◆ **AFTAC Technical Operations Division Realigned to CPSC (From McClellan AFB, CA)**
 - Inventory Control Point (ICP), Integrated Material Management (IMM), and Depot Maintenance Functions Transferred as a Consolidated Workload

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Slide #4



Cryptologic Systems Group Mission Areas



Electronic Key Mgmt
& Voice Call Signs



Force
Protection



Space
Crypto

Cryptographic Modernization



Air & Ground COMSEC



National
Intel

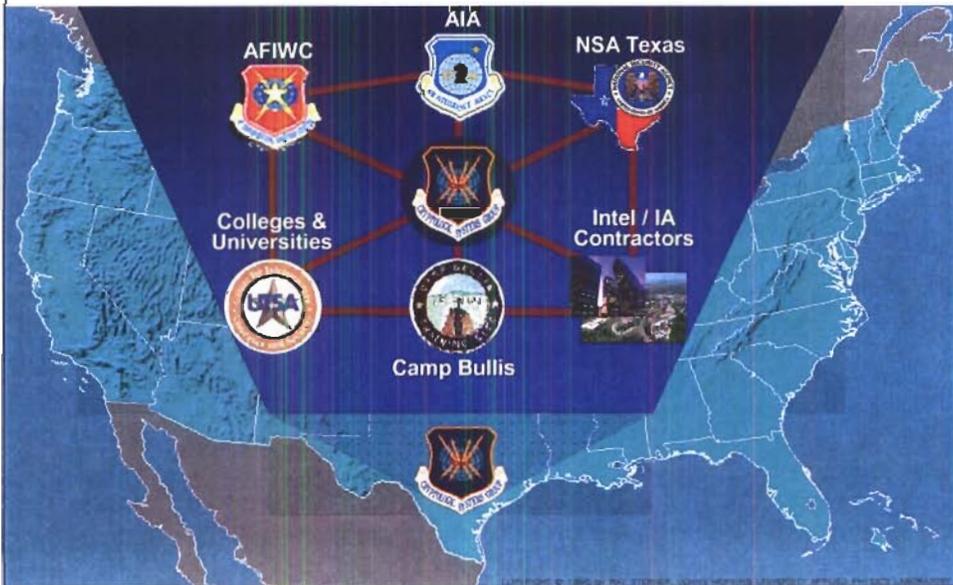
Technical Applications



Logistics
& Maintenance



CPSG Synergy





DoD BRAC 2005 Realignment Recommendations



Impacts Of The Functional Realignment On The Cryptologic Systems Group:

- ♦ Move The **Depot Maintenance** Of Computers, Crypto, Electronic Components (Non-Airborne), And Radio To Tobyhanna Army Depot, PA; And **Disestablishing All Depot Maintenance Capabilities.** (Industrial JCSG (IND 0086))
- ♦ Move The **Air And Space Information Systems Research, Development And Acquisition** To Hanscom Air Force Base, MA. (Technical JCSG (TECH 0042))
- ♦ Move The **Depot-level Repairables Procurement Management** To Warner Robins Air Force Base, GA, And Designate Them As Defense Supply Center Columbus, Ohio, ICP Functions. (Supply And Storage JCSG (S&S 0035R))
- ♦ Move The **Inventory Control Point (ICP) Functions For Consumable Items** To Defense Supply Center Columbus, Ohio, And Re-Establish Them As Defense Logistics Agency ICP Functions. (Supply And Storage JCSG (S&S 0035R))
- ♦ Relocate The Remaining **Integrated Materiel Management**, User And Related Support Functions To Warner Robins. (Supply And Storage JCSG (S&S 0035R))
- ♦ **Stock, Store, Issue and Cargo Movement** Activities Were Excluded And Remains at Lackland AFB. (Supply And Storage JCSG (Letter Dated June 9, 2005))

SPLITS CPSG INTO 6 PIECES – 5 DIFFERENT LOCATIONS

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Slide #7



CPSG Today

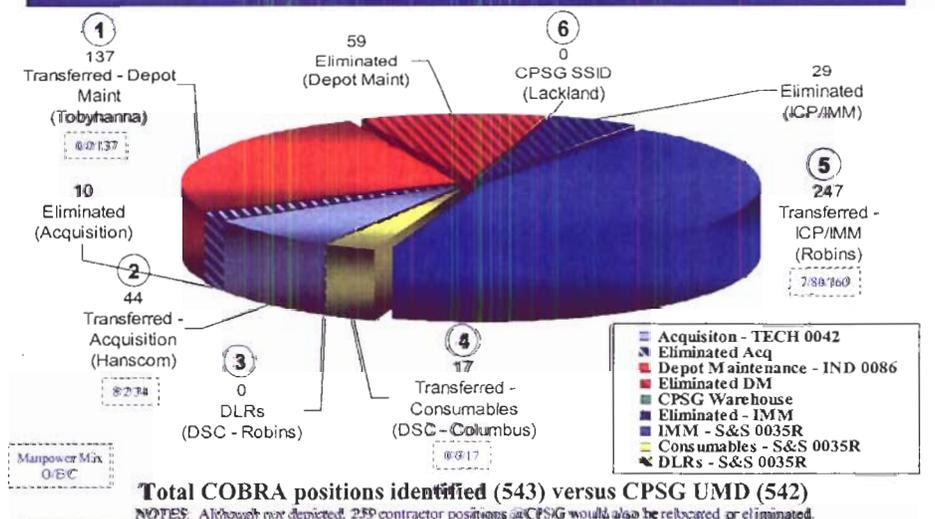




CPSG Post-DoD Recommendation to BRAC



DoD BRAC 2005 Recommendation for Cryptologic Systems Group





Mission Critical Disconnects



- ♦ **Mission Impact**
 - Continuity of Operations (ex. EKMS, VCS, ICBM)
 - Runway Requirements (ICBM, USAEDS, Special Projects)
 - CPSG Repair And Return Times (Currently 5-days Due to Co-location) Will Increase
- ♦ **Personnel**
 - Zero Left in Place to Perform Stock, Store, Issue & Distribution
 - Right Mix -- Trained, Cleared, and Experienced
 - Tech Applications Maintenance Supported by 100% Military
 - Space & Air/Ground Crypto Supported by 54% Military
- ♦ **MILCON**
 - Unique Facility Requirements
 - Space Environmental Test Facility (ex. Vibration Isolated Foundation Slab)
 - Sensitive Compartmented Information Facility (SCIF) and Special Access
 - Runway Requirements (ICBM, USAEDS, Special Projects)
 - Eleven-Thousand Foot Runway Essential For WC-135 Aircraft
- ♦ **Funding**
 - \$3.052M Identified in COBRA For Movement of Depot Maintenance Equipment
 - Actual Cost Much Higher at \$25.5M (Lackland (CPSG) Certified Estimate)
 - \$105.2M Additional One-Time Cost for Spare Pipeline Assets
 - \$4.8M Additional Recurring (Annual) Transportation Cost (Certified Carriers)



Cost Net Present Value Comparison



- ♦ **CPSG Impacted by Three DoD Recommendations**
 - IND 0086 (CPSG Only "Losing" Activity)
 - TECH 0042 (CPSG is One of Three)
 - S&S 0035R (CPSG is One of Eleven)
- ♦ **NPV of CPSG Split - \$15M Cost**
 - Based on Current COBRA Cost Data
- ♦ **After Adjustments for Certified Costs Missing from Current COBRA Data - \$201M Cost**



Cost Net Present Value Comparison



<u>Scenario (\$M)</u>	<u>COBRA NPV</u>	<u>Certified Data NPV</u>	<u>Difference</u>
Depot Maintenance to Tobyhanna	-28.0	160.8	188.8
ICP/IMM to WR-ALC and Columbus	45.2	32.4	-12.8
Acquisition to Hanscom	-1.9	7.5	9.4
Summary	15.3	200.7	185.4

NOTE: SAVINGS IS A NEGATIVE NUMBER, COST IS IDENTIFIED IN RED



Summary



- ◆ National Intelligence Workload
 - DoD Missions
- ◆ Unique Mission
 - Doesn't Fit Functional COBRA Model Well
- ◆ Special Capabilities

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San Antonio TX 78243
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Ms. Diane Salazar – CPSG BRAC Response Team Lead

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Mr. Ronnie L. Carter – Executive Director

jerry.corley@lackland.af.mil

210-977-2253

Col Jerry T. Corley - Commander



CPSG Points of Contact:

Cryptologic Systems Group
"Ensuring Information Superiority and Agile Combat Support"

A Warfighter:

- Mission Plans With Intel... Enabled by CPSG
- Uses a Call Sign... Provided by CPSG
- Talks Securely... Acquired/Maintained/Keyed by CPSG
- Navigates With Secure GPS... Provided by CPSG
- Lands at a Base... Protected by CPSG
- Weapons Secured... by CPSG
- Personnel, Resources, & Mission Made More Secure... by CPSG



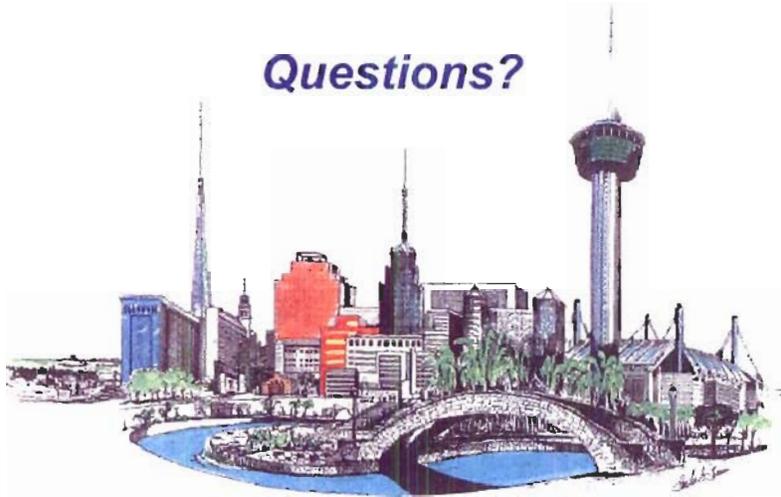
Somewhere . . .



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Questions?



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Before Recommendation to BRAC



Customer – CPSG Relationship

Current



Customer



- Acquisition
- Depot Maintenance
- Inventory Control Point
- Consumables
- Integrated Material Mgt
- Packaging, Handling, Storage & Transportation



After Recommendation to BRAC

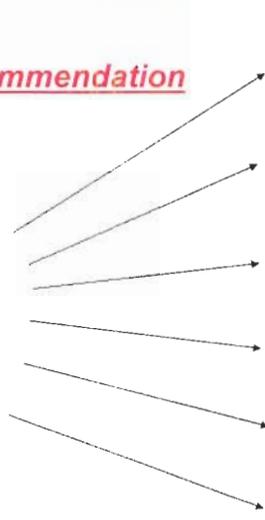
Customer – Multiple Providers



DoD Recommendation



Customer



Depot Maintenance
Tobyhanna (PA)



ICP
DLA at Robins AFB (GA)



Consumables
DLA (OH)



IMM
Warner-Robins ALC (GA)



Warehousing/Storage
Lackland AFB (TX)



Acquisition
Hanscom AFB (MA)

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Slide #19

Cryptologic Systems Group

"Ensuring Information Superiority and Agile Combat Support"

Classified Briefing

UNCLASSIFIED



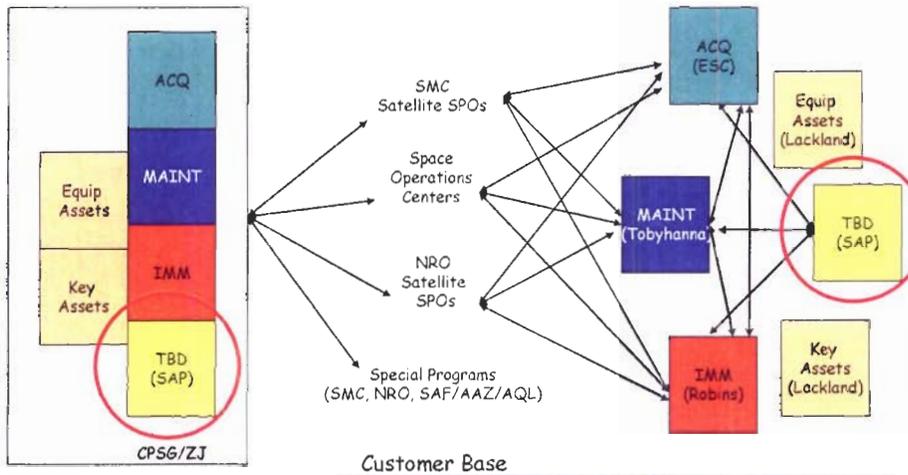
Classified Briefing Take-Away

Re-alignment Recommendation



From Co-Located

To Functionally Aligned



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Slide #21

Cryptologic Systems Group

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Backup Slides

UNCLASSIFIED



DoD BRAC 2005 Recommendations

Disconnects*

(Roll-Up)



◆ Personnel

- **Manpower Shortage for C4ISR Acquisition Workload (TECH 0042)**
 - 44 Billets Identified To Transfer In COBRA TECH 0042
 - Out-Year Growth In Billets Not Addressed
- **Contractor Billets Not Addressed - CPSG Has 259 Embedded CMEs (IND 0086/TECH 0042/S&S 0035R)**
- **137 Civilian Billets with Zero (0) Military Identified (IND 0086)**
 - Tech Applications Maintenance is Supported by 100% Military
 - Space & Air/Ground Crypto Supported by 54% Military
 - Five Army and Five Navy SIGINT Maintenance Personnel Not Identified
 - One (AIA) ESSA Program Military Billet Not Addressed
 - ~ Stand-Alone Mission Directed Through Air Intelligence Agency
 - AETC-OL (Keesler Co-located With CPSG Not Addressed)
 - ~ Train Both Space and Terrestrial Crypto Maintenance Personnel

* DIRECT COBRA DISCONNECTS

* DRAFT DISCONNECTS IDENTIFIED IN AFMC (MAJCOM) SITE SURVEY

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DoD BRAC 2005 Recommendations

Disconnects*

(Roll-Up)



◆ Personnel

- **Personnel Mix Identified Incorrectly (S&S 0035R)**
 - Manpower For Stock, Store, Issue And Distribution (SSID) Functions
 - ~ Zero Personnel Left In Place For SSID Support
 - Six Army and Six Navy CQMSIEC (EKMS - Key Mgmt) / SIGINT (CSSA - National Intel) Positions Not Identified
- **Incorrect Number Of Personnel Identified (17) For DSC-Columbus Consumable ICP Support (S&S 0035R)**
 - Stocklisted Consumable Workload at CPSG Equals Two FTEs
- **No Personnel Identified To Perform Procurement Management And Related Support Functions For Depot Level Repairables (S&S 0035R)**

* DIRECT COBRA DISCONNECTS

* DRAFT DISCONNECTS IDENTIFIED IN AFMC (MAJCOM) SITE SURVEY

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DoD 2005 BRAC Recommendations

Disconnects*

(Roll-Up)



◆ MILCON

- **Hanscom AFB Facility Requirements (TECH 0042)**
 - Secure Facility Requirements Not Addressed In COBRA Data As Part Of MILCON
 - None Identified By Appropriate Facility Activity Code (FAC)
 - Contractor Personnel Will Also Require Secure Facilities
 - FY07 Start Date Probably Not Feasible In The Event MILCON Is Required
- **No MILCON Identified In COBRA Data (IND 0086)**
 - Space Environmental Test Facility
 - Ex. Vibration Isolated Foundation (SVIF) Slab
 - Runway Requirements (ICBM, USAEDS, and Special Project Missions (Eleven-thousand Foot Runway Essential For WC-135 Aircraft)
 - FY07 Start Date Probably Not Feasible In The Event MILCON Is Required (Industrial/Depot Maintenance)

* DIRECT COBRA DISCONNECTS

* DRAFT DISCONNECTS IDENTIFIED IN AFMC (MAJCOM) SITE SURVEY

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Slide #25



DoD 2005 BRAC Recommendations

Disconnects*

(Roll-Up)



◆ MILCON

- **Facility Type Not Correct For CPSG IMM Reqs (S&S 0035R)**
 - Secure/SCIF Office Space Not Identified At All
 - Robins AFB MILCON For All Inbound Equals \$9.4M
 - MILCON For CPSG Secure Facilities, Special Access Programs Equals \$9.4M Alone

* DIRECT COBRA DISCONNECTS

* DRAFT DISCONNECTS IDENTIFIED IN AFMC (MAJCOM) SITE SURVEY

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Slide #26



DoD 2005 BRAC Recommendations

Disconnects*

(Roll-Up)



◆ Funding

- **Discrepancy In Equipment Movement Cost (IND 0086)**
 - \$3.052M For Movement Of Depot Maintenance Equipment Incorrect
 - Lackland (CPSG) Certified Estimate Significantly Higher At \$25.5M
 - Additionally, Must Include \$4.8M Certified Recurring Transportation Cost (Direct Annual Cost To Move Equipment Between Warehouse And TYAD) (IND 0086 & S&S 0035R)

- **One Time Cost for Spare Pipeline Assets (IND 0086)**
 - \$105.2M Not Reflected In COBRA
 - Required For Space, Ground, And SIGINT

- **Duplicate Classified Intelligence & Logistics Networks And Communications Required (IND 0086/TECH 0042/S&S 0035R)**
 - Must Be Approved And Established At All Gaining Locations
 - Cost / Manpower To Be Determined

* DIRECT COBRA DISCONNECTS

* DRAFT DISCONNECTS IDENTIFIED IN AFMC (MAJCOM) SITE SURVEY

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Slide #27



DoD 2005 BRAC Recommendations

Disconnects*

(Roll-Up)



◆ Other

- **Continuity Of Operations Requirements (S&S 0035R)**
 - Electronic Key Management System (EKMS) – Tier 1
 - 24/7 (DoD) Operations Support to over 800 Tri-service Customers
 - Provides Cryptographic Keying Material via Tier 1 System and Classified Closed Network Bulletin Board (located @ DISA-Kelly USA)
 - Ensures 100% Accountability for Fielded Classified Keying Material
 - Collocation of CPSG Key Managers and DISA Activity Required Due To Closed Network Encrypted (Point-to-Point) Requirement
 - Voice Call Sign (VCS) System
 - 24/7 Operations Support (Call Sign & De-confliction) to 600 Customers
 - Direct Customer Access Via NIPRNET and (Classified) SIPRNET
 - ICBM (Peacekeeper And Minuteman III) SCIFed, Two-Person-Control Electro-Magnetic Interference Shielded Lab (IND 0086)
 - 24/7 Operation; One Of A Kind In DoD

- **Anticipate Negative Impact To Negotiated Contract "Repair & Return" Times (Currently 5 Days)**
 - SIGINT CSSA Mission Support (NSA Policy 6-2 Requirements)

* DIRECT COBRA DISCONNECTS

* DRAFT DISCONNECTS IDENTIFIED IN AFMC (MAJCOM) SITE SURVEY

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Slide #28



Military Value



- ◆ **Current Mission Capability And The Impact On Operational Readiness Of The Total Force Of The Department Of Defense, Including Impact On Joint Warfighting, Training, And Readiness**
 - Space, CSSA, Key Management Operations Are DoD Missions
 - Capabilities Or Resources Are Not Redundant To Existing Capabilities Resources At Gaining Activities
 - All Necessary Capability – Co-located
 - Functional Re-alignment Adds Physical And Organizational Time To Support Warfighter
 - More Time = More Money = Decreased Readiness



Military Value



- ◆ **The Availability And Condition Of Land, Facilities, And Associated Airspace...at Both Existing And Potential Receiving Locations**
 - Special Programs And AFTAC Missions Require Immediate Access To Military Runway
 - Maintenance Facilities At Gaining Activity Do Not Meet Current Requirements To Satisfy National Space Mission



Military Value



- ◆ The Ability To Accommodate Contingency, Mobilization, Surge, And Future Total Force Requirements
 - Space, CSSA, Key Mgt Operations, And AFTAC Missions Are Primary Workloads Supporting Specific User Activities
 - Not True Commodity Items
 - Use Non-Standard Accounting & Management Systems
 - ~ National Policy & Customer Requirements Drive Non-Standard Operations



Military Value



- ◆ The Cost Of BRAC Recommendations
 - \$181.4M One-Time Cost To Realign CPSG
 - \$3.6M Net Recurring Cost Per Year
 - \$201M NPV To Realign CPSG
 - \$6.7M Annual Recurring Cost to Execute SSID (potential)
 - If organic billets not recouped from original BRAC recommendations impacting the CPSG