

# **AIR NATIONAL GUARD**

**Fiscal Year (FY) 2006/2007  
BUDGET ESTIMATES**



**MILITARY CONSTRUCTION  
APPROPRIATION 3830**

**Justification Data Submitted to Congress**

**February 2005**

**DEPARTMENT OF THE AIR FORCE  
AIR NATIONAL GUARD  
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2006**

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**SUMMARY PROJECT LIST  
AIR NATIONAL GUARD  
MILITARY CONSTRUCTION PROGRAM - FY 2006**

<u>STATE</u>	<u>INSTALLATION AND PROJECT</u>	<u>AUTH/APPN AMOUNT (\$000)</u>	<u>PAGE NO.</u>
<b>Alabama</b>	<b>Montgomery Regional Airport (ANG) Base</b>		
	Replace Composite Operations and Training Facility	9,100	II-1
	Sub-Total Alabama	<u>9,100</u>	
<b>California</b>	<b>Fresno Yosemite International Airport (IAP), ANG</b>		
	ASA - Alert Crew Quarters Facility	3,000	II-4
	Sub-Total Colorado	<u>3,000</u>	
<b>Georgia</b>	<b>Savannah/Hilton Head International Airport</b>		
	Replace CRTC Operations, Medical Training Complex	7,200	II-7
	Sub-Total Georgia	<u>7,200</u>	
<b>Hawaii</b>	<b>Hickam Air Force Base (AFB)</b>		
	F-15 Aircraft Rinse Facility	2,500	II-10
	Sub-Total Hawaii	<u>2,500</u>	
<b>New York</b>	<b>Stewart International Airport</b>		
	Replace Fire Crash/Rescue Station	10,200	II-13
	Sub-Total New York	<u>10,200</u>	
<b>North Carolina</b>	<b>Charlotte/Douglas International Airport</b>		
	Vehicle Maintenance Complex	3,400	II-16
	Sub-Total North Carolina	<u>3,400</u>	
<b>Tennessee</b>	<b>Memphis International Airport</b>		
	C-5 Maintenance Hangar and Shops	39,000	II-19
	C-5 Fuel Cell Maintenance Hangar and Shop	23,000	II-22
	Sub-Total Tennessee	<u>62,000</u>	
<b>West Virginia</b>	<b>EWVRA-Shepherd Field</b>		
	C-5 Corrosion Control Hangar	23,000	II-25
	C-5 Jet Fuel Storage, Hydrant System and Parking Apron	20,000	II-27
	Sub-Total West Virginia	<u>43,000</u>	

<u>STATE</u>	<u>INSTALLATION AND PROJECT</u>	<u>AUTH/APPN AMOUNT (\$000)</u>	<u>PAGE NO.</u>
<b>Wyoming</b>	<b>Cheyenne Municipal Airport (MAP)</b>		
	Composite Airlift Support Complex	7,000	II-30
	Sub-Total Wyoming	<u>7,000</u>	
	<b>SUB-TOTAL -- ALL BASES</b>	<u>147,400</u>	
	PLANNING AND DESIGN	12,856	II-33
	UNSPECIFIED MINOR CONSTRUCTION	5,000	II-35
	<b>SUB-TOTAL -- SUPPORT COSTS</b>	<u>17,856</u>	
	<b>GRAND TOTAL</b>	<u>165,256</u>	

**NEW MISSION/CURRENT MISSION EXHIBIT  
AIR NATIONAL GUARD  
MILITARY CONSTRUCTION PROGRAM -- FY 2006**

LOCATION	PROJECT	COST (\$000)	CURRENT/ NEW/ENV
<b>Montgomery RAP ANG Base, AL</b>	Replace Composite Operations and Training Facility	9,100	C
<b>Fresno Yosemite IAP, ANG, CA</b>	ASA - Alert Crew Quarters Facility	3,000	N
<b>Savannah/Hilton Head IAP, GA</b>	Replace CRTC Operations, Medical Training Complex	7,200	C
<b>Hickam AFB, HI</b>	F-15 Aircraft Rinse Facility	2,500	C
<b>Stewart IAP, NY</b>	Replace Fire Crash/Rescue Station	10,200	C
<b>Charlotte/Douglas IAP, NC</b>	Vehicle Maintenance Complex	3,400	C
<b>Memphis IAP, TN</b>	C-5 Maintenance Hangar and Shops	39,000	N
	C-5 Fuel Cell Maintenance Hangar and Shop	23,000	N
<b>EWVRA-Shepherd Field, WV</b>	C-5 Corrosion Control Hangar	23,000	N
	C-5 Jet Fuel Storage, Hydrant System and Parking Apron	20,000	N
<b>Cheyenne MAP, WY</b>	Composite Airlift Support Complex	7,000	C
	<b>PLANNING AND DESIGN</b>	<b>12,856</b>	
	<b>UNSPECIFIED MINOR CONSTRUCTION</b>	<b>5,000</b>	
	<b>TOTAL ENERGY</b>	<b>0</b>	
	<b>TOTAL ENVIRONMENTAL</b>	<b>0</b>	
	<b>TOTAL NEW MISSION (5)</b>	<b>108,000</b>	
	<b>TOTAL CURRENT MISSION (6)</b>	<b>39,400</b>	
	<b>GRAND TOTAL - FY 2006 REQUEST</b>	<b>165,256</b>	

**DEPARTMENT OF THE AIR FORCE  
AIR NATIONAL GUARD  
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2006**

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**SECTION I**

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**APPROPRIATIONS LANGUAGE**

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air National Guard, and contributions therefore, as authorized by Chapter 1803 of Title 10, United States Code, and Military Construction Authorizations Acts, \$165,256 to remain available until September 30, 2010.

## **SPECIAL PROGRAM CONSIDERATIONS**

### **Environmental Compliance**

The environmental compliance projects proposed in this program are necessary to correct current environmental noncompliance situations and to prevent future noncompliance.

### **Flood Plain Management and Wetland Protection**

Proposed land acquisitions, disposals, and installation construction projects have been planned in accordance with the requirements of Executive Orders 11988, Flood Plain Management, and 11900, Protection of Wetlands. Projects have been sited to avoid long and short-term adverse impacts, reduce the risk of flood losses, and minimize the loss, or degradation of wetlands.

### **Design for Accessibility of Physically Handicapped Personnel**

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

### **Preservation of Historical Sites and Structures**

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object, or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391s.

### **Environmental Protection**

In accordance with Section 102(2) (c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

### **Economic Analysis**

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources.

**SPECIAL PROGRAM CONSIDERATIONS**  
**(continued)**

**Reserve Manpower Potential**

The reserve manpower potential to meet and maintain authorized strengths of all reserve flying/non-flying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other Services having reserve flying/non-flying units in these areas, that the number of units of the reserve components of the Armed Forces presently located in those areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorized strength considering the number of persons living in the areas who are qualified for membership in those reserve units.

**Potential Use of Vacant Schools and Other State and Local Facilities**

The potential use of vacant schools and other state and local owned facilities has been reviewed and analyzed for each facility to be constructed under this program.

**Construction Criteria Manual**

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facility Planning and Design Guide."

**DEPARTMENT OF THE AIR FORCE  
AIR NATIONAL GUARD  
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2006**

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**SECTION II**

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**PROJECT JUSTIFICATION DATA**

1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2005
3. INSTALLATION AND LOCATION MONTGOMERY REGIONAL AIRPORT (ANG) BASE, ALABAMA			4. PROJECT TITLE REPLACE COMPOSITE OPERATIONS AND TRAINING FACILITY	
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 171-445	7. PROJECT NUMBER FAKZ949545	8. PROJECT COST(\$000) \$9,100	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
REPLACE COMPOSITE OPERATIONS AND TRAINING	SM	4,309		6,900
OPERATIONS AND TRAINING	SM	1,784	1,668	( 2,976)
COMMUNICATIONS TRAINING	SM	985	1,668	( 1,643)
AUDIO-VISUAL/GRAPHICS	SM	249	1,668	( 415)
SECURITY FORCES OPERATIONS	SM	743	1,582	( 1,175)
SECURITY FORCES STORAGE	SM	325	969	( 315)
CATM/CATS	SM	223	1,292	( 288)
ANTITERRORISM FORCE PROTECTION	SM	3,984	22	( 88)
SUPPORTING FACILITIES	LS			1,281
UTILITIES	LS			( 350)
PAVEMENTS	LS			( 400)
SITE IMPROVEMENTS	LS			( 150)
COMMUNITIONS SUPPORT	LS			( 90)
DEMOLITION/ASBESTOS REMOVAL	SM	1,807	161	( 291)
SUBTOTAL				8,181
CONTINGENCY (5%)				409
TOTAL CONTRACT COST				8,590
SUPERVISION, INSPECTION AND OVERHEAD (6%)				515
TOTAL REQUEST				9,105
TOTAL REQUEST (ROUNDED)				9,100
10. Description of Proposed Construction: Two-story facility with reinforced concrete foundation and floor slab with steel-framed masonry walls and standing seam metal roof, complete with interior walls and utilities services. Exterior pavements, utilities, fire protection, site improvements and force protection requirements are needed. Demolish two buildings (1,807 SM) and landscape the site. This facility is designed to support pre-wired workstations. Air Conditioning: 525 KW.				
11. REQUIREMENT: 4,309 SM ADEQUATE: 0 SM SUBSTANDARD: 3,164 SM PROJECT: Replace Composite Operations and Training Facility (Current Mission). REQUIREMENT: The 187th Fighter Wing (FW) requires an adequately sized, correctly configured, and properly sited facility to house the Reserve Forces Operations and Training, Communications, Audio-Visual/Graphics, and Security Forces functions in support of 15 F-16 aircraft and two geographically separated communications-electronics units. Required functional areas include offices, classrooms, administrative space, restrooms, mechanical rooms, central security control, arms vault, combat arms training simulator (CATS), combat arms training and maintenance (CATM), telephone switch and data automation center, as well as extensive utility/communication systems and connections. CURRENT SITUATION: The base facilities for these functions are both inadequate in size and deteriorated due to use and age. They require immediate replacement. The installation is deficient approximately 63 percent of the authorized square footage for these requirements. Most wing operations and training functions are housed in 1,216 SM in building 1101, a 1957 vintage facility, which is poorly configured, substantially undersized for mission requirements, and not economically repairable. The heating, ventilating, and air conditioning (HVAC) system has exceeded its serviceable life and is also inadequate for building airflow requirements. The system was designed for a much lower cooling demand prior to the introduction of personal computers and other heat sensitive				

1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2005												
3. INSTALLATION AND LOCATION MONTGOMERY REGIONAL AIRPORT (ANG) BASE, ALABAMA														
5. PROJECT TITLE REPLACE COMPOSITE OPERATIONS AND TRAINING FACILITY	7. PROJECT NUMBER FAKZ949545													
<p>communications equipment. The windows are originally installed equipment, single pane and misshapened with age. They no longer seal properly nor provide adequate thermal protection. Building walls, doors, ceilings, floors, lighting, and electrical systems need extensive repair due to age and wear. The balance of the operations and training functions occupy 299 SM on the second floor of building 1201 (Main Hangar) and 42 SM in building 1306. The 187th FW communications center and the audio-visual/graphics center are both housed in building 1109 (740 SM), which was originally constructed as an engine shop, and was later renovated to accommodate communications functions. The HVAC system was not designed for independent zones and is unable to adjust cooling and heating requirements for various functions within the facility. Mission essential communications equipment malfunctions due to overheating and are at risk of extensive damage. The facility is undersized and poorly configured for current functional requirements. It can neither be expanded, nor appropriately reconfigured, due to its location. Both facilities have high operating costs due to aged, inefficient HVAC systems and inadequate or nonexistent insulation. The Security Forces are occupying 318 SM on the second floor of building 1201, the aircraft maintenance hangar. Functions are geographically separated causing inefficient operations and impeding command and control. Difficult access and egress to the maintenance hangar impedes emergency response by security police to base locations. There is no space available to support either a CATS or a CATM area, both of which are necessary for recurring weapons training for base. Currently, training is only via simulated firing or by using a local law enforcement range, significantly geographically separated from the installation.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Operations and training functions continue to be impeded by inadequate facilities. Building 1101 continues to deteriorate and continue high operating costs due to inefficient and failing systems. Heat sensitive communications and other equipment continue to risk damage when operated due to inadequate ventilation and cooling. Facilities are undersized for personnel and equipment. Security force responsiveness continues to be impeded due to building accessibility. Recruiting and retention are negatively impacted.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. These facilities are "inhabited" buildings and meet the standoff distance requirements. There is minimal threat and the level of protection is low so minimum construction standards have been applied. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project. The following buildings will be demolished as a result of this project: 1101 (1,765 SM) and 1306 (42 SM) for a total of 1,807 SM. Building 1109 (740 SM) will be renovated for use as a Counter Drug Operational Facility as a separate Sustainment, Restoration, and Modernization (SRM) project. The space being vacated in building 1201 (617 SM) will be renovated for use by various aircraft maintenance functions in another separate SRM project.</p> <table data-bbox="240 1711 1101 1900"> <tr> <td>OPERATIONS AND TRAINING</td> <td>1,784 SM – 19,200 SF</td> </tr> <tr> <td>COMMUNICATIONS TRAINING</td> <td>985 SM – 10,600 SF</td> </tr> <tr> <td>AUDIO-VISUAL/GRAPHICS</td> <td>249 SM – 2,680 SF</td> </tr> <tr> <td>SECURITY FORCES OPERATIONS</td> <td>743 SM – 8,000 SF</td> </tr> <tr> <td>SECURITY FORCES STORAGE</td> <td>325 SM – 3,500 SF</td> </tr> <tr> <td>CATM/CATS</td> <td>223 SM – 2,400 SF</td> </tr> </table>			OPERATIONS AND TRAINING	1,784 SM – 19,200 SF	COMMUNICATIONS TRAINING	985 SM – 10,600 SF	AUDIO-VISUAL/GRAPHICS	249 SM – 2,680 SF	SECURITY FORCES OPERATIONS	743 SM – 8,000 SF	SECURITY FORCES STORAGE	325 SM – 3,500 SF	CATM/CATS	223 SM – 2,400 SF
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1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2005
3. INSTALLATION AND LOCATION FRESNO YOSEMITE INTERNATIONAL AIRPORT ANG, CALIFORNIA			4. PROJECT TITLE ASA - ALERT CREW QUARTERS FACILITY	
5. PROGRAM ELEMENT 51216F	6. CATEGORY CODE 141-459	7. PROJECT NUMBER HAYW989031	8. PROJECT COST(\$000) \$3,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE ALERT COMPLEX	SM	632		2,081
AIRCREW/MISSION SUPPORT FACILITY	SM	604	3,229	( 1,950)
ENTRY CONTROL FACILITY	SM	28	3,229	( 90)
ANTITERRORISM FORCE PROTECTION	SM	632	65	( 41)
SUPPORTING FACILITIES				617
EMERGENCY BACKUP POWER 100KW	LS			( 119)
PAVEMENTS	LS			( 55)
UTILITIES AND SITE IMPROVEMENTS	LS			( 130)
SECURITY IMPROVEMENTS	LS			( 255)
COMMUNICATION SUPPORT	LS			( 15)
DEMOLITION	SM	399	108	( 43)
SUBTOTAL				2,698
CONTINGENCY (5%)				135
TOTAL CONTRACT COST				2,833
SUPERVISION, INSPECTION AND OVERHEAD (6%)				170
TOTAL REQUEST				3,003
TOTAL REQUEST (ROUNDED)				3,000
10. Description of Proposed Construction: Reinforced concrete foundations and floor slabs, concrete walls with sound proofing, metal standing seam roof and a secure area. Provide all utilities, emergency backup generator, communication support site improvements, and security upgrades. Demolish or dispose of two temporary buildings and a portable guard shack for a total of 390 SM. Air Conditioning: 105 KW.				
11. REQUIREMENT: 604 SM ADEQUATE: 0 SM SUBSTANDARD: 399 SM PROJECT: ASA - Alert Crew Quarters Facility (New Mission). REQUIREMENT: Provide a properly sized, configured and sited alert crew quarter facility to allow aircrew to meet prescribed response limits in support of Operation NOBLE EAGLE. Facility must provide fighter aircraft mission control and planning, alert aircrew billets, alert maintenance crew billets, controlled access fenced perimeter with an entry control facility and gates, back-up emergency power for the complex, and utilities infrastructure to meet all facility operational and support requirements. CURRENT SITUATION: Currently, the crews (aircrew and maintenance) are housed in two separate modular trailers. These trailers are undersized. The original vermin infested 1990 modular trailer was sized for only aircrews and did not accommodate any alert maintenance crew billets, and limited mission planning. More critically, it was condemned by the Base Safety office and Flight Surgeons due to the increasing risk of aircrew members contracting Hanta Virus. 1st Air Force replaced the one trailer with two undersized and minimalist temporary trailers while awaiting the construction of permanent facilities. The two newer trailers still only address 60 percent of the space requirements and fail to protect the building occupants from the considerable noise associated with the siting location. The Fresno-Yosemite International Airport alert site is within close proximity to two sources of considerable noise generation. The site is less than 185 meters from the engine test cell and is adjacent to the take off end of the runway. Both of these sources produce significant high decibel noise, either from the wing's F-16 aircraft and from all commercial traffic departing the airport. Temporary trailers				

1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2005
3. INSTALLATION AND LOCATION FRESNO YOSEMITE INTERNATIONAL AIRPORT ANG, CALIFORNIA		
5. PROJECT TITLE ASA - ALERT CREW QUARTERS FACILITY	7. PROJECT NUMBER HAYW989031	
<p>are not built to provide significant noise protection. The temporary nature of the two newer trailers also makes them susceptible to the reoccurrence of vermin infestation. Building occupants and base facility maintenance personnel are executing a high maintenance cycle to prevent the re-infestation. The Flight Surgeon is very concerned with the decibel levels inside the trailers when the F-16's start, run up their engines, or fast taxi off the parking apron. The existing trailers will not fully house the personnel and fail to provide for adequate crew rest.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Unable to adequately and safely perform the mission. People will continue to be forced to perform the mission in an unhealthy environment due to crew/mission support facility vermin infestation and lack of adequate crew rest caused by exterior noise. Response time to alert notification will be affected and condition of crews due to poor living conditions will be adversely affected.</p> <p><u>ADDITIONAL:</u> The pricing of this project exceeds the OSD guidelines for cost per square foot. This increase is based on the recent bid climate in both Fresno and the west coast for this type of project. TQKD032485, Upgrade Aircrew Quarters, at Portland International Airport busted bids at nearly \$3,670 per Square Meter (\$340/SF). This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. No other option could satisfactorily meet the alert mission requirements. Antiterrorism/Force protection requirements have been considered in the development of this project. The two temporary trailer facilities and the existing entry control point trailer will be demolished or disposed of as a result of this project for a total of 390 SM.</p>		
AIRCREW/MISSION SUPPORT FACILITY ENTRY CONTROL FACILITY ANTITERRORISM FORCE PROTECTION	604 SM – 6,500 SF 28 SM – 300 SF 632 SM – 6,800 SF	

1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2005																												
3. INSTALLATION AND LOCATION FRESNO YOSEMITE INTERNATIONAL AIRPORT ANG, CALIFORNIA																														
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<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started</td> <td>APR 2003</td> </tr> <tr> <td>(b) Parametric Cost Estimates used to develop costs</td> <td>NO</td> </tr> <tr> <td>(c) Percent Complete as of Jan 2005</td> <td>40%</td> </tr> <tr> <td>(d) Date 35% Designed</td> <td>APR 2004</td> </tr> <tr> <td>(e) Date Design Complete</td> <td>JUL 2005</td> </tr> <tr> <td>(f) Type of Design Contract</td> <td>STANDARD</td> </tr> <tr> <td>(g) Energy Study/Life-Cycle analysis was/will be performed</td> <td>YES</td> </tr> </table> <p>(2) Basis:</p> <table border="0"> <tr> <td>(a) Standard or Definitive Design -</td> <td>YES</td> </tr> <tr> <td>(b) Where Design Was Most Recently Used -</td> <td>ATLANTIC CITY, NJ</td> </tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications</td> <td>180</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td>90</td> </tr> <tr> <td>(c) Total</td> <td>270</td> </tr> <tr> <td>(d) Contract</td> <td>270</td> </tr> <tr> <td>(e) In-House</td> <td></td> </tr> </table> <p>(4) Contract Award (Month/Year) MAR 2006</p> <p>(5) Construction Start JUN 2006</p> <p>(6) Construction Completion JAN 2007</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p> <p>POINT OF CONTACT: MR. RICHARD THOMAS (301) 836-7130</p>			(a) Date Design Started	APR 2003	(b) Parametric Cost Estimates used to develop costs	NO	(c) Percent Complete as of Jan 2005	40%	(d) Date 35% Designed	APR 2004	(e) Date Design Complete	JUL 2005	(f) Type of Design Contract	STANDARD	(g) Energy Study/Life-Cycle analysis was/will be performed	YES	(a) Standard or Definitive Design -	YES	(b) Where Design Was Most Recently Used -	ATLANTIC CITY, NJ	(a) Production of Plans and Specifications	180	(b) All Other Design Costs	90	(c) Total	270	(d) Contract	270	(e) In-House	
(a) Date Design Started	APR 2003																													
(b) Parametric Cost Estimates used to develop costs	NO																													
(c) Percent Complete as of Jan 2005	40%																													
(d) Date 35% Designed	APR 2004																													
(e) Date Design Complete	JUL 2005																													
(f) Type of Design Contract	STANDARD																													
(g) Energy Study/Life-Cycle analysis was/will be performed	YES																													
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1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2005
3. INSTALLATION AND LOCATION SAVANNAH/HILTON HEAD IAP, GEORGIA			4. PROJECT TITLE REPLACE CRTC OPERATIONS, MEDICAL TRAINING COMPLEX	
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 171-445	7. PROJECT NUMBER XDQU919584	8. PROJECT COST(\$000) \$7,200	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
REPLACE MEDICAL OPERATIONS AND TRAINING	SM	3,252		5,606
MEDICAL TRAINING - JOINT USE	SM	1,245	1,776	( 2,211)
OPERATIONS AND TRAINING - CRTC	SM	1,542	1,668	( 2,572)
ASSEMBLY - CRTC	SM	465	1,615	( 751)
AT/FP MINIMUM STANDARDS	SM	3,252	22	( 72)
SUPPORTING FACILITIES				882
UTILITIES	LS			( 300)
PAVEMENTS	LS			( 150)
SITE IMPROVEMENTS	LS			( 165)
DEMOLITION/ASBESTOS REMOVAL	SM	1,066	161	( 172)
COMMUNICATION SUPPORT	LS			( 95)
SUBTOTAL				6,488
CONTINGENCY (5%)				324
TOTAL CONTRACT COST				6,812
SUPERVISION, INSPECTION AND OVERHEAD (6%)				409
TOTAL REQUEST				7,221
TOTAL REQUEST (ROUNDED)				7,200
10. Description of Proposed Construction: Reinforced concrete pile foundation, steel-framed masonry walls, and roof structure. Interior walls and utilities. Includes exterior utilities, access pavements, fire protection, communications system extension, and site work. Demolish 3 buildings (1,066 SM) and landscape grounds. Air Conditioning: 525 KW.				
11. REQUIREMENT: 3,252 SM ADEQUATE: 0 SM SUBSTANDARD: 1,066 SM <u>PROJECT:</u> Replace CRTC Operations, Medical Training Complex (Current Mission). <u>REQUIREMENT:</u> The 165th Airlift Wing (165th AW) and the Combat Readiness Training Center (CRTC) are collocated at Savannah/Hilton Head International Airport. The 165th AW has an airlift mission with a primary aircraft inventory of 8 C-130's. The CRTC is an Air National Guard (ANG) operated regional training site supporting aircrews from the Total Force who deploy for their operational readiness inspections and exercises in a combat-simulated environment. Both ANG units require adequately sized and properly configured space for their medical training. Medical training is required to enable medical personnel to maintain proficiency and to perform preventive medical care. Space for physical examinations, lab work, immunizations, optical and audio testing, and other medical support is needed to maintain unit readiness. The medical training will be joint-use with visiting units. Deployed units to the CRTC also require an adequately sized and configured personnel assembly area multi-purpose room for personnel to conduct training, briefings, coordination, and presentations before, during, and after training exercises. <u>CURRENT SITUATION:</u> The medical training function is located in two temporary wood frame and block structures built in 1957 and 1967, which contain numerous deficiencies. The 40 percent space deficiency hinders the ability to effectively provide medical services and training and often causes building occupancy to exceed fire codes. The roof leaks; replacement parts cannot be obtained for the obsolete mechanical systems; the electrical system has several code violations. Numerous structural, mechanical, and electrical deficiencies exist. Deployed unit assemblies are presently conducted in a				

1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2005						
3. INSTALLATION AND LOCATION SAVANNAH/HILTON HEAD IAP, GEORGIA								
5. PROJECT TITLE REPLACE CRTS OPERATIONS, MEDICAL TRAINING COMPLEX	7. PROJECT NUMBER XDQU919584							
<p>very deteriorated and undersized quonset hut. All of these functions are located in public access areas and do not comply with physical security and force protection guidelines. All the buildings are poorly insulated and energy inefficient. The facilities lack storage and training rooms.</p> <p><b>IMPACT IF NOT PROVIDED:</b> Inadequate training space continues. Significant space deficiencies degrade mission accomplishment and manpower inefficiencies. Higher facility operating and maintenance costs continue. Lost training opportunities and hampered deployment scenarios for visiting units. Quality of life continues to be far from desirable. Unit vulnerability to terrorist activity, and degraded physical security and force protection continue.</p> <p><b>ADDITIONAL:</b> This project meets the criteria/scope specified in the Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Force protection requirements have been addressed. Most of this facility is an "inhabited" building and meets the standoff distance requirements. There is no threat and the level of protection is low so minimum construction standards have been applied to all but the assembly area. The assembly area is a "primary gathering" facility and does not meet standoff requirements. The assembly area is provided with additional protective measures. Upon completion of this project, the following substandard buildings will be demolished: 310, 337, and 360 for a total of 1,066 SM. The demolition cost includes the removal of several long loading docks that are attached to these buildings. In several areas, the demolished buildings will be replaced with concrete pavements instead of landscaping. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project.</p>								
<table border="0"> <tr> <td>MEDICAL TRAINING - JOINT USE</td> <td>1,245 SM – 13,400 SF</td> </tr> <tr> <td>OPERATIONS AND TRAINING – CRTS</td> <td>1,542 SM – 16,600 SF</td> </tr> <tr> <td>ASSEMBLY – CRTS</td> <td>465 SM – 5,000 SF</td> </tr> </table>			MEDICAL TRAINING - JOINT USE	1,245 SM – 13,400 SF	OPERATIONS AND TRAINING – CRTS	1,542 SM – 16,600 SF	ASSEMBLY – CRTS	465 SM – 5,000 SF
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1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2005
3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HAWAII			4. PROJECT TITLE F-15 AIRCRAFT RINSE FACILITY	
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 116-672	7. PROJECT NUMBER KNMD989064	8. PROJECT COST(\$000) \$2,500	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
AIRCRAFT RINSE FACILITY	SM	3,662		874
AIRCRAFT CONCRETE APRON	SM	895	299	( 268)
ACCESS TAXIWAYS	SM	928	239	( 222)
SHOULDERS - APRON AND TAXIWAYS	SM	1,839	209	( 384)
SUPPORTING FACILITIES				1,355
UTILITIES	LS			( 250)
SITE IMPROVEMENTS	LS			( 255)
WATER LINE AND RECYCLING SYSTEM	LS			( 600)
DRAINAGE IMPROVEMENTS	LS			( 250)
SUBTOTAL				2,229
CONTINGENCY (5%)				111
TOTAL CONTRACT COST				2,340
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				152
TOTAL REQUEST				2,492
TOTAL REQUEST (ROUNDED)				2,500
10. Description of Proposed Construction: Construct a drive-through, clear-water rinse facility for the F-15 aircraft, including pump and nozzle systems, water storage tanks, utilities, rinse water collection, drainage system, concrete pads, vehicle access pavements, and site improvements.				
11. REQUIREMENT: 3,662 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM <u>PROJECT:</u> F-15 Aircraft Rinse Facility (Current Mission). <u>REQUIREMENT:</u> The base requires a facility to provide fresh water rinses for aircraft returning from flights. Aircraft that operate below 3,000 feet in a salt-water environment require a fresh water rinse after the flight to reduce corrosion. The F-15 aircraft based at Hickam Air Force Base (AFB) normally operate in a salt-water environment for a portion of each flight. A clear water rinse facility consists of spray nozzles and supporting tanks, pumps, utilities, concrete pads, access pavements, rinse water collection, drainage system, site improvements, and necessary controls. The aircraft will be rinsed with sprays of fresh water as they taxi through the rinse site when returning from flights. <u>CURRENT SITUATION:</u> The F-15's at Hickam AFB have severe corrosion problems. There is no clear water rinse facility on Hickam AFB. This facility is designed for small aircraft so it will be primarily used by the Air National Guard F-15's or transient aircraft. Aircraft must be rinsed at a wash rack that entails towing aircraft and scheduling access for the work. Manpower and equipment limitations also dictate the timing of aircraft rinses and washes. Consequently, unit aircraft are not always washed immediately after a flight and have high rates of corrosion. The result is increased corrosion costs and unscheduled downtime. <u>IMPACT IF NOT PROVIDED:</u> Continued high rates of aircraft corrosion. Maintenance costs continue to increase, and flying time will be reduced. The life of the aircraft will be reduced. Unit proficiency and readiness continue to be adversely affected. <u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. All known alternatives options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.				

1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2005						
3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HAWAII								
5. PROJECT TITLE F-15 AIRCRAFT RINSE FACILITY	7. PROJECT NUMBER KNMD989064							
<table> <tr> <td>AIRCRAFT CONCRETE APRON</td> <td>895 SM – 1,070 SY</td> </tr> <tr> <td>ACCESS TAXIWAYS</td> <td>928 SM – 1,110 SY</td> </tr> <tr> <td>SHOULDERS - APRON &amp; TAXIWAYS</td> <td>1,839 SM – 2,200 SY</td> </tr> </table>			AIRCRAFT CONCRETE APRON	895 SM – 1,070 SY	ACCESS TAXIWAYS	928 SM – 1,110 SY	SHOULDERS - APRON & TAXIWAYS	1,839 SM – 2,200 SY
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1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2005	
3. INSTALLATION AND LOCATION STEWART INTERNATIONAL AIRPORT, NEW YORK			4. PROJECT TITLE REPLACE FIRE CRASH/RESCUE STATION		
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 130-142	7. PROJECT NUMBER WHAY019061	8. PROJECT COST(\$000) \$10,200		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
REPLACE FIRE CRASH/RESCUE STATION		SM	2,592		7,255
FIRE STATION		SM	2,592	2,777	( 7,198)
ANTITERRORISM FORCE PROTECTION		SM	2,592	22	( 57)
SUPPORTING FACILITIES		LS			1,955
UTILITIES		LS			( 550)
PAVEMENTS		LS			( 650)
SITE IMPROVEMENTS		LS			( 450)
COMMUNICATION SUPPORT		LS			( 55)
JETBLAST DEFLECTORS		LS			( 250)
SUBTOTAL					9,210
CONTINGENCY (5%)					461
TOTAL CONTRACT COST					9,671
SUPERVISION, INSPECTION AND OVERHEAD (6%)					580
TOTAL REQUEST					10,251
TOTAL REQUEST (ROUNDED)					10,200
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel-framed masonry walls and roof structure with metal standing seam roof. Cavity wall construction with split-face CMU block. Interior mechanical, electrical and fire protection systems. Exterior utilities, pavements, site improvements, fire protection and back-up generator. Location is remote from existing base and will require extensive utility runs, an access road, and jet blast berm. This facility is designed to support pre-wired workstations. Pavement access to the runways and support aircraft apron. Air Conditioning: 175 KW.					
11. REQUIREMENT: 2,592 SM ADEQUATE: 0 SM SUBSTANDARD: 1,237 SM <u>PROJECT</u> : Replace Fire Crash/Rescue Station (Current Mission). <u>REQUIREMENT</u> : The base requires an adequately sized, appropriately configured and properly sited crash fire rescue facility to support the unit's 12 PAA C-5s and commercial operations at Stewart International Airport. Functional areas include: parking bays for assigned vehicles, control room, training administrative functions, kitchen, dining, day room, bunk room, extinguisher and equipment maintenance, physical fitness room and storage. Facility must support a 24-hour/day operation by up to 15 full time male and female firefighters. <u>CURRENT SITUATION</u> : The fire station is severely undersized and occupies 48 percent of its authorized space. Due to siting restrictions, the building cannot be expanded. The control room cannot support current operations. The bunkroom is severely undersized causing over crowded conditions and emergency exits are not in compliance with current NFPA requirements. There are no female bunk quarters or latrines/showers. The parking bay diesel exhaust ventilation is inadequate. Fumes remain within the area causing health and safety problems. The classroom is very small and cannot accommodate the necessary number of people for training. Storage for emergency equipment is undersized causing safety and accountability problems. Equipment is stored outside. The fire station is not sited correctly and the vehicles cannot meet Department of Defense and Federal Aviation Administration response times. In order to meet the response time and store the vehicles, the base operates a satellite station from an antiquated building near the commercial airport. This is a temporary arrangement with the airport authority. This building is grossly undersized, poorly configured and					

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3. INSTALLATION AND LOCATION STEWART INTERNATIONAL AIRPORT, NEW YORK		
5. PROJECT TITLE REPLACE FIRE CRASH/RESCUE STATION	7. PROJECT NUMBER WHAY019061	
<p>energy inefficient. It is in the way of construction of future terminal expansion. The split operation is inefficient and generates excessive wear and tear on equipment and loss of training opportunities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Continued inefficient operation due to poor configuration of the facility and inadequate training space. Poor quality of life problems due to inadequate bunkroom, kitchen, dayroom, fitness room and latrines. Response times are adversely affected. The fire department continues to operate an inefficient split operation, which affect emergency responses. Necessary training is negatively impacted. The department's ability to respond to emergencies, train, and maintain physical standards and its morale are seriously compromised. This will jeopardize both the wing's flying mission, the strategic airlift mission and commercial operations at Stewart International Airport.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. This facility is an "inhabited" building and meets the standoff distance requirements. There is no threat and the level of protection is low so minimum construction standards have been applied. All known alternatives options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. The satellite station facility (379 SM) as well as the land will be returned to the airport authority since it is not required by the ANG and is in the way of construction of the airport expansion. The existing fire station (858 SM) will be converted into a pavement and grounds facility for oversized snow removal and grounds maintenance equipment under a separate Sustainment, Restoration, and Modernization (SRM) project.</p>		
FIRE STATION	2,592 SM – 27,900 SF	

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3. INSTALLATION AND LOCATION CHARLOTTE/DOUGLAS INTERNATIONAL AIRPORT, NORTH CAROLINA			4. PROJECT TITLE VEHICLE MAINTENANCE COMPLEX	
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 214-425	7. PROJECT NUMBER FJRP000988	8. PROJECT COST(\$000) \$3,400	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
VEHICLE MAINTENANCE COMPLEX	SM	1,403		2,278
VEHICLE MAINTENANCE SHOP	SM	892	1,539	( 1,373)
VEHICLE STORAGE SHED	SM	372	969	( 360)
REFUELING VEHICLE MAINTENANCE SHOP	SM	139	2,314	( 322)
RELOCATE MOGAS/DIESEL DISPENSING POINTS	LS			( 200)
ANTITERRORISM FORCE PROTECTION	SM	1,031	22	( 23)
SUPPORTING FACILITIES				785
UTILITIES	LS			( 175)
PAVEMENTS	LS			( 275)
SITE IMPROVEMENTS	LS			( 125)
COMMUNICATION SUPPORT	LS			( 50)
DEMOLISH BUILDING AND LANDSCAPE	SM	991	161	( 160)
SUBTOTAL				3,063
CONTINGENCY (5%)				<u>153</u>
TOTAL CONTRACT COST				3,216
SUPERVISION, INSPECTION AND OVERHEAD (6%)				<u>193</u>
TOTAL REQUEST				3,409
TOTAL REQUEST (ROUNDED)				3,400
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab; steel-framed exterior masonry walls and roof structure, interior walls, utilities, and fire protection and detection systems. Exterior utilities, road and access pavements, fire protection and support. Provide security fencing. Relocate MOGAS and diesel dispensing points from current POL area location. Demolish buildings and landscape the site. Air Conditioning: 53 KW.				
11. REQUIREMENT: 1,403 SM ADEQUATE: 0 SM SUBSTANDARD: 660 SM <u>PROJECT:</u> Vehicle Maintenance Complex (Current Mission). <u>REQUIREMENT:</u> The base requires a properly sized and configured facility for the maintenance of the military vehicle fleet as well as wartime training. Functional areas include: maintenance bays, interior and exterior storage areas, area for paint bays, office areas, parts and tool storage, battery shop, vehicle dispatch break room, and utility support. Fuel dispensing island with underground tanks and wash bay. <u>CURRENT SITUATION:</u> The old vehicle maintenance shop was undersized and antiquated, and was demolished to allow the construction of the new base supply warehouse complex via the FY 2001 MILCON, in accordance with the approved base comprehensive master plan. The small amount of real estate forces facility modernization to be done in a domino effect. As a workaround, the vehicle maintenance function is being performed in the old fuel cell hangar, building 22, that was scheduled to be demolished. Forced use has kept it in the inventory. This temporary fix is not a safe and efficient operation and forces much of the work to be done outside due to lack of suitable covered space. Maintenance cannot be done during inclement weather. Parts storage is not collocated with the maintenance areas, and break rooms do not exist. The building has inadequate fire protection, and is poorly insulated. The interior utility systems are old and antiquated; spare parts are no longer available. Since the building had been schedule for disposal, the maintenance on the facility was kept at the bare minimum. Building 22, is located along the flight line. This site is not the proper location for vehicle maintenance. In accordance with the master plan, the vehicle maintenance is being sited to a location				

1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2005						
3. INSTALLATION AND LOCATION CHARLOTTE/DOUGLAS INTERNATIONAL AIRPORT, NORTH CAROLINA								
5. PROJECT TITLE VEHICLE MAINTENANCE COMPLEX	7. PROJECT NUMBER FJRP000988							
<p>away from the flight line and in the industrial part of the base. The MOGAS/diesel storage and dispensing tanks are being relocated from the POL complex to be in the vicinity of the vehicle complex since it is part of the vehicle maintenance function and it is operated and maintained by them.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Maintenance is accomplished in a grossly sub-standard facility or outside, weather permitting. Vehicle maintenance is degraded. Accept the risk of accidents due to unsafe working conditions. Wartime readiness and training are adversely impacted.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. These facilities are "inhabited" buildings and meet the standoff distance requirements. There is minimal threat and the level of protection is low so minimum construction standards have been applied. All known alternative options were considered during the development of this project. All known alternatives options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. The temporary vehicle maintenance facility, building 22 (991 SM), will be demolished upon completion of this project.</p> <table data-bbox="240 976 1161 1066"> <tr> <td>VEHICLE MAINTENANCE SHOP</td> <td>892 SM – 9,600 SF</td> </tr> <tr> <td>VEHICLE STORAGE SHED</td> <td>372 SM – 4,000 SF</td> </tr> <tr> <td>REFUELING VEHICLE MAINTENANCE SHOP</td> <td>139 SM – 1,500 SF</td> </tr> </table>			VEHICLE MAINTENANCE SHOP	892 SM – 9,600 SF	VEHICLE STORAGE SHED	372 SM – 4,000 SF	REFUELING VEHICLE MAINTENANCE SHOP	139 SM – 1,500 SF
VEHICLE MAINTENANCE SHOP	892 SM – 9,600 SF							
VEHICLE STORAGE SHED	372 SM – 4,000 SF							
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1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2005																												
3. INSTALLATION AND LOCATION CHARLOTTE/DOUGLAS INTERNATIONAL AIRPORT, NORTH CAROLINA																														
5. PROJECT TITLE VEHICLE MAINTENANCE COMPLEX	7. PROJECT NUMBER FJRP000988																													
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started</td> <td>NOV 2002</td> </tr> <tr> <td>(b) Parametric Cost Estimates used to develop costs</td> <td>NO</td> </tr> <tr> <td>(c) Percent Complete as of Jan 2005</td> <td>99%</td> </tr> <tr> <td>(d) Date 35% Designed</td> <td>NOV 2003</td> </tr> <tr> <td>(e) Date Design Complete</td> <td>MAR 2005</td> </tr> <tr> <td>(f) Type of Design Contract</td> <td>STANDARD</td> </tr> <tr> <td>(g) Energy Study/Life-Cycle analysis was/will be performed</td> <td>YES</td> </tr> </table> <p>(2) Basis:</p> <table border="0"> <tr> <td>(a) Standard or Definitive Design -</td> <td>NO</td> </tr> <tr> <td>(b) Where Design Was Most Recently Used -</td> <td>N/A</td> </tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications</td> <td>204</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td>102</td> </tr> <tr> <td>(c) Total</td> <td>306</td> </tr> <tr> <td>(d) Contract</td> <td>306</td> </tr> <tr> <td>(e) In-House</td> <td></td> </tr> </table> <p>(4) Contract Award (Month/Year) FEB 2006</p> <p>(5) Construction Start MAR 2006</p> <p>(6) Construction Completion FEB 2007</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p> <p>POINT OF CONTACT: MR. JAMES MCPEAK (301) 836-8131</p>			(a) Date Design Started	NOV 2002	(b) Parametric Cost Estimates used to develop costs	NO	(c) Percent Complete as of Jan 2005	99%	(d) Date 35% Designed	NOV 2003	(e) Date Design Complete	MAR 2005	(f) Type of Design Contract	STANDARD	(g) Energy Study/Life-Cycle analysis was/will be performed	YES	(a) Standard or Definitive Design -	NO	(b) Where Design Was Most Recently Used -	N/A	(a) Production of Plans and Specifications	204	(b) All Other Design Costs	102	(c) Total	306	(d) Contract	306	(e) In-House	
(a) Date Design Started	NOV 2002																													
(b) Parametric Cost Estimates used to develop costs	NO																													
(c) Percent Complete as of Jan 2005	99%																													
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(e) Date Design Complete	MAR 2005																													
(f) Type of Design Contract	STANDARD																													
(g) Energy Study/Life-Cycle analysis was/will be performed	YES																													
(a) Standard or Definitive Design -	NO																													
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(c) Total	306																													
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1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2005
3. INSTALLATION AND LOCATION MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE			4. PROJECT TITLE C-5 MAINTENANCE HANGAR AND SHOPS	
5. PROGRAM ELEMENT 54119F	6. CATEGORY CODE 211-111	7. PROJECT NUMBER PYKL009025	8. PROJECT COST(\$000) \$39,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
MAINTENANCE HANGAR AND SHOPS	SM	15,673		32,156
HANGAR BAY	SM	7,497	2,077	( 15,571)
GENERAL PURPOSE SHOP	SM	4,181	2,024	( 8,462)
NON-DESTRUCTIVE INSPECTION SHOP	SM	372	2,024	( 753)
AIRCRAFT MAINTENANCE UNIT	SM	1,022	1,938	( 1,981)
AVIONICS SHOP	SM	929	2,024	( 1,880)
MAINTENANCE MANAGEMENT	SM	929	1,787	( 1,660)
ENGINE SHOP	SM	743	2,024	( 1,504)
ANTITERRORISM FORCE PROTECTION	SM	15,673	22	( 345)
SUPPORTING FACILITIES				3,005
UTILITIES	LS			( 460)
COMMUNICATIONS SUPPORT	LS			( 65)
ACCESS PAVEMENTS	LS			( 840)
SITE IMPROVEMENTS	LS			( 320)
DRAINAGE IMPROVEMENTS	LS			( 250)
FIRE PROTECTION EXTENSION	LS			( 900)
PASSIVE FORCE PROTECTIONS MEASURES	LS			( 170)
SUBTOTAL				35,161
CONTINGENCY (5%)				<u>1,758</u>
TOTAL CONTRACT COST				36,919
SUPERVISION, INSPECTION AND OVERHEAD (6%)				<u>2,215</u>
TOTAL REQUEST				39,134
TOTAL REQUEST (ROUNDED)				39,000
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel-framed masonry walls, and sloped roof. Interior walls, fire protection, mechanical systems, and utilities. Provide exterior utilities, pavements, site improvements, fire protection, communications extension and support. Air Conditioning: 595 KW.				
11. REQUIREMENT: 15,673 SM ADEQUATE: 0 SM SUBSTANDARD: 10,094 SM PROJECT: C-5 Maintenance Hangar and Shops (New Mission). REQUIREMENT: The 164th Airlift Wing (AW) requires an adequately sized and properly configured aircraft maintenance hangar and associated shops to support conversion from the 8 C-141 to 8 PAI C-5 aircraft. Five of the aircraft are scheduled to be phased in starting in 2005; the other three are planned to arrive in 2008. The base does not have enough parking apron at the current location to accommodate all 8 PAI C-5 aircraft. Five aircraft is the maximum capacity the site will allow. The base requires an adequately sized, sited, configured and equipped hangar bay for general and organizational maintenance shops; and administrative areas directly related to the aircraft maintenance functions to provide consolidated maintenance. The Air Force, on behalf of the ANG, and the Memphis-Shelby County Airport Authority have signed a Land Exchange Agreement (LEA). The LEA mandates the airport authority to replicate the C-141 facilities at the new site at a cost of \$77 million. When the construction is completed in 2008, The AF will return the existing 102 acres of land with the buildings as is to the Airport Authority. In return, the Airport Authority has provided 116 acres of land and extended the lease from 2024 to 2058 at no cost. This and other projects, in conjunction with the				

1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2005
3. INSTALLATION AND LOCATION MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE		
5. PROJECT TITLE C-5 MAINTENANCE HANGAR AND SHOPS	7. PROJECT NUMBER PYKL009025	
<p>airport authority funding, will relocate the base to the new land and construct C-5 facilities which are energy efficient, meet force protection requirements and allow for future expansion capability. The ANG share of the relocation costs are those facility requirements that would be needed if the base were to convert the base from C-141 to C-5 at the existing site. This is one of those projects.</p> <p><u>CURRENT SITUATION:</u> The 164th AW's 8 PAI C-141 aircraft have been decommissioned and retired. The unit is in transition to receive C-5's starting in October 2004. The base has one maintenance hangar. The existing hangar and shops are too small to support maintenance activities for C-5 aircraft. Further, the existing hangar is not sited appropriately for the revised parking plan for the much larger C-5 aircraft. The shops are not properly configured. An addition and alteration is not possible since it will reduce the ramp significantly. Over the years the hangar has received three (3) additions as the base converted from P-51 to C-97 to C-130 to C-141. These were done in order to reduce the capital expenditures. The resultant effect of these additions is a facility that is disjointed with inadequate utility support and poor shop configuration and inadequate fire protection support. The hangar bay is only 61,000 SF versus a requirement of 80,700 SF. The nose of the C-5 fits inside up to the wings. This will allow the aircraft to be approximately one third under cover.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Highly inefficient operations and excessive maintenance delays will occur, as the unit will have to maintain aircraft on the parking ramp for the duration. The temporary workarounds include taking the C-5 aircraft and personnel to other C-5 bases for the scheduled maintenance. Unscheduled maintenance will have to be done with the aircraft partially inside the hangar. Additionally, maintenance operations will be delayed during periods of inclement weather. Such conditions will decrease unit's ability to maintain and generate aircraft and pose a danger to the maintenance crews. The situation will exacerbate when the full compliment of aircraft arrive in 2008. Higher operating costs and loss of training opportunities. The unit will have to remain on a split operation. The parking apron and the majority of the base will be on the new site while the maintenance hangar and shops will remain on the existing site. Cannot comply with the LEA terms.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This facility is an "inhabited" building and meets the standoff distance requirements. There is minimal threat and the level of protection is low so minimum construction standards have been applied. In 2008 and upon completion of this project, the existing hangar (building 358; 10,094 SM) along with the other buildings and land will be turned over to the Memphis-Shelby County Airport Authority per the signed LEA.</p>		
HANGAR BAY GENERAL PURPOSE SHOP NON-DESTRUCTIVE INSPECTION SHOP AIRCRAFT MAINTENANCE UNIT AVIONICS SHOP MAINTENANCE MANAGEMENT ENGINE SHOP	7,497 SM – 80,698 SF 4,181 SM – 45,004 SF 372 SM – 4,004 SF 1,022 SM – 11,000 SF 929 SM – 10,000 SF 929 SM – 10,000 SF 743 SM – 7,998 SF	

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<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started</td> <td>APR 2004</td> </tr> <tr> <td>(b) Parametric Cost Estimates used to develop costs</td> <td>NO</td> </tr> <tr> <td>(c) Percent Complete as of Jan 2005</td> <td>35%</td> </tr> <tr> <td>(d) Date 35% Designed</td> <td>NOV 2004</td> </tr> <tr> <td>(e) Date Design Complete</td> <td>NOV 2005</td> </tr> <tr> <td>(f) Type of Design Contract</td> <td>STANDARD</td> </tr> <tr> <td>(g) Energy Study/Life-Cycle analysis was/will be performed</td> <td>YES</td> </tr> </table> <p>(2) Basis:</p> <table border="0"> <tr> <td>(a) Standard or Definitive Design -</td> <td>NO</td> </tr> <tr> <td>(b) Where Design Was Most Recently Used -</td> <td>N/A</td> </tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications</td> <td>2,300</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td>1,150</td> </tr> <tr> <td>(c) Total</td> <td>3,450</td> </tr> <tr> <td>(d) Contract</td> <td>3,450</td> </tr> <tr> <td>(e) In-House</td> <td></td> </tr> </table> <p>(4) Contract Award (Month/Year) MAR 2006</p> <p>(5) Construction Start APR 2006</p> <p>(6) Construction Completion SEP 2007</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p> <p>POINT OF CONTACT: MAJ MIKE MCDONALD (301) 836-8047</p>			(a) Date Design Started	APR 2004	(b) Parametric Cost Estimates used to develop costs	NO	(c) Percent Complete as of Jan 2005	35%	(d) Date 35% Designed	NOV 2004	(e) Date Design Complete	NOV 2005	(f) Type of Design Contract	STANDARD	(g) Energy Study/Life-Cycle analysis was/will be performed	YES	(a) Standard or Definitive Design -	NO	(b) Where Design Was Most Recently Used -	N/A	(a) Production of Plans and Specifications	2,300	(b) All Other Design Costs	1,150	(c) Total	3,450	(d) Contract	3,450	(e) In-House	
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1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2005
3. INSTALLATION AND LOCATION MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE		4. PROJECT TITLE C-5 FUEL CELL MAINTENANCE HANGAR AND SHOP		
5. PROGRAM ELEMENT 54119F	6. CATEGORY CODE 211-179	7. PROJECT NUMBER PYKL019077	8. PROJECT COST(\$000) \$23,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
C-5 FUEL CELL HANGAR AND SHOP	SM	7,497		17,355
FUEL CELL HANGAR AND SHOP	SM	7,497	2,292	( 17,183)
ANTITERRORISM FORCE PROTECTION	SM	7,497	23	( 172)
SUPPORTING FACILITIES	LS			3,155
PAVEMENTS AND SITE IMPROVEMENTS	LS			( 1,300)
COMMUNICATION SUPPORT	LS			( 200)
FIRE SUPPRESSION SYSTEM	LS			( 510)
PASSIVE FORCE PROTECTION MEASURES	LS			( 220)
UTILITIES	LS			( 925)
SUBTOTAL				20,510
CONTINGENCY (5%)				<u>1,026</u>
TOTAL CONTRACT COST				21,536
SUPERVISION, INSPECTION AND OVERHEAD (6%)				<u>1,292</u>
TOTAL REQUEST				22,828
TOTAL REQUEST (ROUNDED)				23,000
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel-framed masonry walls, and sloped roof. Interior shop space of 325 SM, walls, fire protection, exhaust ventilation system and utilities. Exterior utilities, pavements, site improvements, communications extension and support. Air Conditioning: 158 KW.				
11. REQUIREMENT: 7,497 SM ADEQUATE: 0 SM SUBSTANDARD: 3,428 SM PROJECT: C-5 Fuel Cell Maintenance Hangar and Shop (New Mission). REQUIREMENT: The 164th Airlift Wing (AW) requires an adequately sized and properly configured aircraft fuel cell maintenance hangar and shop to support the conversion to 8 PAI C-5 aircraft. Functional areas include a fully enclosed hangar area, shop space and administrative areas that are directly related to the fuel cell maintenance functions. Five of the aircraft are scheduled to be phased in starting in 2005; the other three are planned to arrive in 2008. The base does not have enough parking apron to accommodate all 8 C-5 aircraft, which is the maximum capacity the site will allow. The base requires an adequately sized, properly sited, adequately configured and equipped fuel cell hangar bay, with associated shops and administrative areas. The Air Force on behalf of the Air National Guard and the Memphis-Shelby County Airport Authority have signed a Land Exchange Agreement (LEA). The LEA mandates the Airport Authority to replicate the C-141 facilities at the new land at a cost of \$77 million. The Air Force will return in 2008 when the construction is completed, the existing 102 acres of land with the buildings as is. In return the Airport Authority has provided 116 acres of land and extended the lease from 2024 to 2058 at no cost. This and other projects, in conjunction with the airport authority funding, will relocate the base to the new land and construct C-5 facilities which are energy efficient, meet force protection and allow for future expansion capability. The ANG share of the relocation costs are those facility requirements that would be needed if the base were to convert the base from C-141 to C-5 at the existing site. This is one of those projects. CURRENT SITUATION: The 164th AW's 8 PAA C-141 aircraft have been decommissioned and retired. The unit is in transition to receive up to 4 each C-5 aircraft starting in October 2004. The base has only one maintenance dock, which is too small for a C-5. The hangar bay is only 26, 800 SF. The				

1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2005
3. INSTALLATION AND LOCATION MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE		
5. PROJECT TITLE C-5 FUEL CELL MAINTENANCE HANGAR AND SHOP	7. PROJECT NUMBER PYKL019077	
<p>much larger C-5 cannot fit into the existing fuel cell hangar. Modifications/additions are not possible since any addition will adversely impact the aircraft parking area by significantly reducing the space available for parking the C-5 aircraft on the ramp.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The unit will have to perform maintenance of the C-5 fuel systems on the ramp. Maintenance on the fuel systems is not possible on the ramp during periods of inclement weather. Such conditions will decrease the unit's ability to maintain and generate aircraft and pose a danger to the maintenance crews. Any significant fuel cell repairs would require aircraft be flown to alternate locations for maintenance. Higher operating costs and loss of training opportunities. Such conditions will decrease unit's ability to maintain and generate aircraft and pose a danger to the crews. The situations will exacerbate when the full compliment of aircraft will arrive in 2008. The unit will have to remain on a split operation. The parking apron and the majority of the base will be on the new site while the fuel cell shops will remain on the existing site. Cannot comply with the LEA requirement.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This facility is an "inhabited" building and meets the standoff distance requirements. There is minimal threat and the level of protection is low so minimum construction standards have been applied. In 2008 and upon completion of this project, the existing fuel cell (building 530, 3,428 SM) along the other buildings and shops will be turned to the Memphis-Shelby County Airport Authority per the signed LEA.</p>		
FUEL CELL HANGAR AND SHOP	7,497 SM – 80,698 SF	



1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2005
3. INSTALLATION AND LOCATION E WVRA-SHEPHERD FIELD, WEST VIRGINIA			4. PROJECT TITLE C-5 CORROSION CONTROL HANGAR	
5. PROGRAM ELEMENT 54119F	6. CATEGORY CODE 211-159	7. PROJECT NUMBER PJVY009075	8. PROJECT COST(\$000) \$23,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
C-5 CORROSION CONTROL HANGAR	SM	7,497		19,455
CORROSION CONTROL HANGAR AND SHOPS	SM	7,497	2,573	( 19,290)
ANTITERRORISM/FORCE PROTECTION	SM	7,497	22	( 165)
SUPPORTING FACILITIES	LS			1,255
UTILITIES	LS			( 250)
PAVEMENTS	LS			( 390)
SITE IMPROVEMENTS	LS			( 130)
COMMUNICATION SUPPORT	LS			( 65)
FIRE SUPPRESSION SYSTEM	LS			( 420)
SUBTOTAL				20,710
CONTINGENCY (5%)				<u>1,036</u>
TOTAL CONTRACT COST				21,746
SUPERVISION, INSPECTION AND OVERHEAD (6%)				<u>1,305</u>
TOTAL REQUEST				23,051
TOTAL REQUEST (ROUNDED)				23,000
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel-framed masonry walls, and sloped roof. Interior shop space of 381 SM, walls, fire protection and utilities. Exterior utilities, pavements, site improvements, communications extension and support. Air Conditioning: 158 KW.				
11. REQUIREMENT: 7,497 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM <u>PROJECT:</u> C-5 Corrosion Control Hangar (New Mission). <u>REQUIREMENT:</u> Provide an adequately sized and configured aircraft corrosion control hangar in support of the 167th Air Wing's (AW) conversion to 10 PAI C-5 aircraft. Functional areas include a fully enclosed corrosion control dock and shop space that is directly related to the aircraft corrosion control function. <u>CURRENT SITUATION:</u> The 167th AW currently flies 12 PAI C-130 aircraft. All of the maintenance docks and shop spaces are too small to support maintenance activities required for C-5 aircraft. Existing facilities are in the way of the new aircraft ramp, making expansion of existing facilities impossible. <u>IMPACT IF NOT PROVIDED:</u> Unit will have to maintain aircraft at an alternative C-5 base or on the aircraft-parking ramp, even during periods of inclement weather. Such conditions will decrease units' ability to maintain and generate aircraft. <u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. These facilities are an "inhabited" building and meet the standoff distance requirements. There is no threat and the level of protection is low so minimum construction standards have been applied.  CORROSION CONTROL HANGAR AND SHOPS      7,497 SM – 80,698 SF				

1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2005																												
3. INSTALLATION AND LOCATION E WVRA-SHEPHERD FIELD, WEST VIRGINIA																														
5. PROJECT TITLE C-5 CORROSION CONTROL HANGAR	7. PROJECT NUMBER PJVY009075																													
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started</td> <td>JUL 2003</td> </tr> <tr> <td>(b) Parametric Cost Estimates used to develop costs</td> <td>NO</td> </tr> <tr> <td>(c) Percent Complete as of Jan 2005</td> <td>40%</td> </tr> <tr> <td>(d) Date 35% Designed</td> <td>AUG 2004</td> </tr> <tr> <td>(e) Date Design Complete</td> <td>SEP 2005</td> </tr> <tr> <td>(f) Type of Design Contract</td> <td>STANDARD</td> </tr> <tr> <td>(g) Energy Study/Life-Cycle analysis was/will be performed</td> <td>YES</td> </tr> </table> <p>(2) Basis:</p> <table border="0"> <tr> <td>(a) Standard or Definitive Design -</td> <td>YES</td> </tr> <tr> <td>(b) Where Design Was Most Recently Used -</td> <td>MEMPHIS, TN</td> </tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e):</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications</td> <td>1,300</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td>650</td> </tr> <tr> <td>(c) Total</td> <td>1,950</td> </tr> <tr> <td>(d) Contract</td> <td>1,950</td> </tr> <tr> <td>(e) In-House</td> <td></td> </tr> </table> <p>(4) Contract Award (Month/Year)</p> <p>MAR 2006</p> <p>(5) Construction Start</p> <p>APR 2006</p> <p>(6) Construction Completion</p> <p>MAY 2007</p> <p>b. Equipment associated with this project will be provided from other appropriations:</p> <p>N/A</p> <p>POINT OF CONTACT: MAJ MIKE MCDONALD (301) 836-7130</p>			(a) Date Design Started	JUL 2003	(b) Parametric Cost Estimates used to develop costs	NO	(c) Percent Complete as of Jan 2005	40%	(d) Date 35% Designed	AUG 2004	(e) Date Design Complete	SEP 2005	(f) Type of Design Contract	STANDARD	(g) Energy Study/Life-Cycle analysis was/will be performed	YES	(a) Standard or Definitive Design -	YES	(b) Where Design Was Most Recently Used -	MEMPHIS, TN	(a) Production of Plans and Specifications	1,300	(b) All Other Design Costs	650	(c) Total	1,950	(d) Contract	1,950	(e) In-House	
(a) Date Design Started	JUL 2003																													
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(a) Production of Plans and Specifications	1,300																													
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(c) Total	1,950																													
(d) Contract	1,950																													
(e) In-House																														

1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2005
3. INSTALLATION AND LOCATION E WVRA-SHEPHERD FIELD, WEST VIRGINIA			4. PROJECT TITLE C-5 JET FUEL STORAGE, HYDRANT SYSTEM AND PARKING APRON	
5. PROGRAM ELEMENT 54119F	6. CATEGORY CODE 124-135	7. PROJECT NUMBER PJVY059005	8. PROJECT COST(\$000) \$20,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
C-5 JET FUEL STORAGE AND PAVEMENT	M3	2,067		15,653
JET FUEL STORAGE COMPLEX	M3	2,067	3,736	( 7,722)
JET FUEL OPS BUILDING WITH LABORATORY	SM	186	2,691	( 501)
JET FUEL PUMPHOUSE	SM	93	6,189	( 576)
HYDRANT REFUELING SYSTEM	LS			( 500)
AIRCRAFT PARKING APRON	SM	41,805	152	( 6,354)
SUPPORTING FACILITIES				2,345
UTILITIES SUPPORT	LS			( 360)
RAMP LIGHTING	LS			( 415)
FENCING AROUND THE APRON	LS			( 155)
SITE IMPROVEMENTS/ROCK EXCAVATION	LS			( 530)
DEMOLITION	LS			( 750)
SUPPORTING PAVEMENTS	LS			( 135)
SUBTOTAL				17,998
CONTINGENCY (5%)				900
TOTAL CONTRACT COST				18,898
SUPERVISION, INSPECTION AND OVERHEAD (6%)				1,134
TOTAL REQUEST				20,032
TOTAL REQUEST (ROUNDED)				20,000
10. Description of Proposed Construction: Jet fuel storage and hydrant refueling distribution system, tank storage, pump house, laboratory, piping, pits, extension of utility system, ramp lighting, markings, and grounding points. Demolition of existing jet fuel storage complex to include tanks and foundation, piping and two buildings. Provide additional aircraft parking apron. Earthwork, rock excavation and site improvements necessary to construct new POL complex and route supply lines to the apron. Miscellaneous vehicle paving necessary in POL complex and to support POL operations. Demolition of 2 buildings (410 SM) and removal and clean up of existing fuel storage area. Air Conditioning: 35 KW.				
11. REQUIREMENT: 2,067 M3 ADEQUATE: 0 M3 SUBSTANDARD: 1,590 M3 <u>PROJECT:</u> C-5 Jet Fuel Storage, Hydrant System and Parking Apron (New Mission). <u>REQUIREMENT:</u> The base requires an adequately sized and configured jet fuel storage complex and aircraft parking apron in support of their conversion from 12 C-130 aircraft to 10 PAI C-5 aircraft scheduled to begin arriving as follows: 2 aircraft - 1st quarter of FY07; 2 additional aircraft - 3rd quarter FY07; 4 additional aircraft - 1st quarter FY08; 1 additional aircraft - 2nd quarter of FY08; 1 additional aircraft - 3rd quarter of FY08; and the final aircraft - 4th quarter of FY08. <u>CURRENT SITUATION:</u> The existing base fuel storage complex is not sited in compliance with the new master plan for the installation. Additionally, its current location is very near the base boundary. This location cannot be modified to meet AT/FP requirements leaving this critical resource at risk to terrorist attack. The distance from the existing fuel storage site to the new apron is excessive and would cause problems with fuel delivery. This project constructs a new fuel storage complex with associated pump house and laboratory at a location meeting fuel delivery and master plan requirements. There is no existing hydrant refueling system at this installation. The C-130 aircraft does not require this capability, but it is critical to effective operation of the C-5 aircraft. Refueling by truck is cumbersome, time consuming and requires manpower and trucks that are not currently in the program for this				

1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2005								
3. INSTALLATION AND LOCATION E WVRA-SHEPHERD FIELD, WEST VIRGINIA										
5. PROJECT TITLE C-5 JET FUEL STORAGE, HYDRANT SYSTEM AND PARKING APRON	7. PROJECT NUMBER PJVY059005									
<p>location. Projects appropriated in FY04 and FY05 (PJVY009071 and PJVY039123) included the main supply line to the apron, but not the individual hydrant points covered here. The existing aircraft-parking apron is also undersized for the larger C-5 aircraft. The FY04 and FY05 projects included funding for the initial delivery aircraft. The final two parking spots – aircraft arriving in first quarter of FY08 – are included in this project.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Fuel storage will be at risk due to inadequate setback from the base boundary. Refueling capability for the new C-5s will be completely manual causing significant drains on base manpower and funding. Delays in refueling aircraft will impact training and current operations. Lack of apron parking spaces will impact beddown of the final 2 aircraft and jeopardize the units' ability to reach full operational capability.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. The following buildings will be demolished as a result of this project: Building 137 (146 SM) and building 142 (264 SM) for a total of 410 SM. This project will also allow for the clean up and removal of two above ground storage tanks, pumps, pipings and other appurtenances.</p> <table data-bbox="240 1075 1214 1201"> <tr> <td>JET FUEL STORAGE COMPLEX</td> <td>2,067 M3 – 13,000 BL</td> </tr> <tr> <td>JET FUEL OPS BUILDING WITH LABORATORY</td> <td>186 SM – 2,000 SF</td> </tr> <tr> <td>JET FUEL PUMPHOUSE</td> <td>93 SM – 1,000 SF</td> </tr> <tr> <td>AIRCRAFT PARKING APRON</td> <td>41,805 SM – 50,000 SY</td> </tr> </table>			JET FUEL STORAGE COMPLEX	2,067 M3 – 13,000 BL	JET FUEL OPS BUILDING WITH LABORATORY	186 SM – 2,000 SF	JET FUEL PUMPHOUSE	93 SM – 1,000 SF	AIRCRAFT PARKING APRON	41,805 SM – 50,000 SY
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5. PROJECT TITLE C-5 JET FUEL STORAGE, HYDRANT SYSTEM AND PARKING APRON	7. PROJECT NUMBER PJVY059005																													
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started</td> <td>FEB 2003</td> </tr> <tr> <td>(b) Parametric Cost Estimates used to develop costs</td> <td>NO</td> </tr> <tr> <td>(c) Percent Complete as of Jan 2005</td> <td>95%</td> </tr> <tr> <td>(d) Date 35% Designed</td> <td>DEC 2004</td> </tr> <tr> <td>(e) Date Design Complete</td> <td>MAR 2005</td> </tr> <tr> <td>(f) Type of Design Contract</td> <td>STANDARD</td> </tr> <tr> <td>(g) Energy Study/Life-Cycle analysis was/will be performed</td> <td>YES</td> </tr> </table> <p>(2) Basis:</p> <table border="0"> <tr> <td>(a) Standard or Definitive Design -</td> <td>NO</td> </tr> <tr> <td>(b) Where Design Was Most Recently Used -</td> <td>N/A</td> </tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications</td> <td>1,200</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td>600</td> </tr> <tr> <td>(c) Total</td> <td>1,800</td> </tr> <tr> <td>(d) Contract</td> <td>1,800</td> </tr> <tr> <td>(e) In-House</td> <td></td> </tr> </table> <p>(4) Contract Award (Month/Year) FEB 2006</p> <p>(5) Construction Start MAR 2006</p> <p>(6) Construction Completion JUL 2007</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p> <p>POINT OF CONTACT: MAJ MIKE MCDONALD (301) 836-8047</p>			(a) Date Design Started	FEB 2003	(b) Parametric Cost Estimates used to develop costs	NO	(c) Percent Complete as of Jan 2005	95%	(d) Date 35% Designed	DEC 2004	(e) Date Design Complete	MAR 2005	(f) Type of Design Contract	STANDARD	(g) Energy Study/Life-Cycle analysis was/will be performed	YES	(a) Standard or Definitive Design -	NO	(b) Where Design Was Most Recently Used -	N/A	(a) Production of Plans and Specifications	1,200	(b) All Other Design Costs	600	(c) Total	1,800	(d) Contract	1,800	(e) In-House	
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1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2005
3. INSTALLATION AND LOCATION CHEYENNE MUNICIPAL AIRPORT, WYOMING			4. PROJECT TITLE COMPOSITE AIRLIFT SUPPORT COMPLEX	
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 171-447	7. PROJECT NUMBER DPEZ959713	8. PROJECT COST(\$000) \$7,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
COMPOSITE AIRLIFT SUPPORT COMPLEX	SM	2,666		4,849
COMBAT AIR TRAFFIC CONTROL	SM	985	1,453	( 1,431)
AERIAL PORT TRAINING	SM	1,319	1,808	( 2,385)
FIXED RADAR APPROACH CONTROL	SM	362	2,691	( 974)
ANTITERRORISM FORCE PROTECTION	SM	2,666	22	( 59)
SUPPORTING FACILITIES				1,444
PAVEMENTS	LS			( 325)
UTILITIES	LS			( 335)
SITE IMPROVEMENTS	LS			( 175)
DEMOLITION/ASBESTOS REMOVAL (BLDG 12)	SM	2,230	161	( 359)
TEMPORARY LEASED TRAILERS	SM	929	215	( 200)
COMMUNICATIONS SUPPORT	LS			( 50)
SUBTOTAL				6,293
CONTINGENCY (5%)				315
TOTAL CONTRACT COST				6,608
SUPERVISION, INSPECTION AND OVERHEAD (6%)				396
TOTAL REQUEST				7,004
TOTAL REQUEST (ROUNDED)				7,000
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls, steel framing, and standing seam metal roof structure. Interior mechanical, electrical and fire protection systems. Exterior utilities, pavements, site improvements, fire protection and back-up generator. Warehouse-type environment for aerial port pallet storage and cargo handling system. Overhead metal doors and loading docks with installed equipment. Facility is designed to support the installation of pre-wired workstations. One facility will be demolished for a total of 2,230 SM. Lease temporary facilities during the construction. Air Conditioning: 210 KW.				
11. REQUIREMENT: 3,177 SM ADEQUATE: 511 SM SUBSTANDARD: 2,769 SM <u>PROJECT:</u> Composite Airlift Support Complex (Current Mission). <u>REQUIREMENT:</u> Provide safe, efficient, and appropriately configured facilities to support Aerial Port and Air Traffic Control operations supporting an 8 C-130 H3 airlift mission. The functional areas include efficient/suitable administration, operation, and training. Air Traffic Control requires permanent facilities for training, administration, support equipment, and maintenance/storage. <u>CURRENT SITUATION:</u> The antiquated aerial port function is housed in building 12, a deteriorated metal hangar built in 1948 for the maintenance of World War II era, P-51 fighter aircraft. The pallet handling area is not insulated or heated; consequently work must be performed in sub-zero conditions during winter months. Since the corrugated metal skin is no longer manufactured, the repairs made following a 1979 tornado were makeshift and do not provide full protection from the elements. The building is not weather-tight and rain/snow runoff flows along the floor, through the building, which causes damage to equipment. The front of the old hangar consists of sliding hangar doors that require extensive efforts to open/close, and require continuous maintenance/ repair. The administrative areas are of temporary construction, poorly configured, which has resulted in severe health and safety hazards. The building has inadequately ventilation and not conducive to day-to-day operations or training. The heating system is unreliable and energy inefficient, lighting is substandard, and latrines				



1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2005																												
3. INSTALLATION AND LOCATION CHEYENNE MUNICIPAL AIRPORT, WYOMING																														
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<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <table data-bbox="321 632 1360 848"> <tr><td>(a) Date Design Started</td><td>MAY 2003</td></tr> <tr><td>(b) Parametric Cost Estimates used to develop costs</td><td>NO</td></tr> <tr><td>(c) Percent Complete as of Jan 2005</td><td>40%</td></tr> <tr><td>(d) Date 35% Designed</td><td>SEP 2004</td></tr> <tr><td>(e) Date Design Complete</td><td>SEP 2005</td></tr> <tr><td>(f) Type of Design Contract</td><td>STANDARD</td></tr> <tr><td>(g) Energy Study/Life-Cycle analysis was/will be performed</td><td>YES</td></tr> </table> <p>(2) Basis:</p> <table data-bbox="321 911 1360 968"> <tr><td>(a) Standard or Definitive Design -</td><td>NO</td></tr> <tr><td>(b) Where Design Was Most Recently Used -</td><td>N/A</td></tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <table data-bbox="321 1031 1360 1182"> <tr><td>(a) Production of Plans and Specifications</td><td>420</td></tr> <tr><td>(b) All Other Design Costs</td><td>210</td></tr> <tr><td>(c) Total</td><td>630</td></tr> <tr><td>(d) Contract</td><td>630</td></tr> <tr><td>(e) In-House</td><td></td></tr> </table> <p>(4) Contract Award (Month/Year) APR 2006</p> <p>(5) Construction Start JUN 2006</p> <p>(6) Construction Completion APR 2007</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p> <p>POINT OF CONTACT: MR. SCOTT MULHOLLAND (301) 836-8347</p>			(a) Date Design Started	MAY 2003	(b) Parametric Cost Estimates used to develop costs	NO	(c) Percent Complete as of Jan 2005	40%	(d) Date 35% Designed	SEP 2004	(e) Date Design Complete	SEP 2005	(f) Type of Design Contract	STANDARD	(g) Energy Study/Life-Cycle analysis was/will be performed	YES	(a) Standard or Definitive Design -	NO	(b) Where Design Was Most Recently Used -	N/A	(a) Production of Plans and Specifications	420	(b) All Other Design Costs	210	(c) Total	630	(d) Contract	630	(e) In-House	
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DEPARTMENT OF THE AIR FORCE  
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2006

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD  
PROGRAM 313: PLANNING AND DESIGN \$12,856,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for project planning and design of the construction requirements for the Air National Guard

PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Planning and Design will provide for establishing project construction design of the facilities and for fully evaluating each designed project in terms of technical adequacy and estimated costs.

1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2005	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS		4. PROJECT TITLE PLANNING AND DESIGN			
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 999-999	7. PROJECT NUMBER AAAA060001	8. PROJECT COST(\$000) \$12,856		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PLANNING AND DESIGN (P-313)		LS			12,856
SUBTOTAL					12,856
TOTAL CONTRACT COST					12,856
TOTAL REQUEST					12,856
10. Description of Proposed Construction: The funds requested will provide for the architectural and engineering services necessary to fully evaluate each project's technical adequacy and estimated cost, and complete final design of facilities. In addition, the funds are required to prepare working drawings, specifications, and project reports for the design of construction projects to be included in future Air National Guard (ANG) Military Construction (MILCON) Programs.					
11. REQUIREMENT: As Required <u>PROJECT:</u> Planning and Design <u>REQUIREMENT:</u> The ANG needs planning and design funds for projects that are to be included in future MILCON programs including the C-5 beddown at Memphis, TN, and Martinsburg, WV. The FY 2006 design funds are needed to complete the design for those projects that are to be included in the FY 2007 MILCON program and to begin the design for those projects to be included in the FY 2008 program. Funds also provide for design of the FY 2006 unspecified minor construction program. <u>CURRENT SITUATION:</u> The ANG requires the design money in FY 2006 to ensure the design milestones for the FY 2007 and FY 2008 MILCON Programs, as mandated by Department of Defense (DOD) Instruction 1225.8, are met. <u>IMPACT IF NOT PROVIDED:</u> The ANG will not be able to effectively administer future year MILCON programs. Insufficient design funds will translate into late design completion, later construction starts, higher construction costs, and the inability to meet DOD and Congressionally mandated execution rates, and degrade the operational mission and training by the delays in construction completion.					

DEPARTMENT OF THE AIR FORCE  
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2006

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD  
PROGRAM 341: UNSPECIFIED MINOR CONSTRUCTION \$5,000,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for new construction and alteration projects having cost estimates over \$750,000 but not exceeding \$1,500,000, which are not otherwise authorized by law.

PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Unspecified Minor Construction will finance projects for which the urgency is such that they could not be included in the regular Military Construction Program for the Air National Guard, and such that they exceed the minor construction authorization limit in the Operation and Maintenance Appropriation.

1. COMPONENT ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2005	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS		4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION			
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 999-999	7. PROJECT NUMBER AAAA060002	8. PROJECT COST(\$000) \$5,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UNSPECIFIED MINOR CONSTRUCTION (P-341)		LS			5,000
SUBTOTAL					5,000
TOTAL CONTRACT COST					5,000
TOTAL REQUEST					5,000
10. Description of Proposed Construction: Provides funding for unspecified minor construction projects not otherwise authorized by law and having a funded cost between \$750,000 and \$1,500,000. Projects include construction, alteration, or conversion of permanent or temporary facilities. The Secretary of the Air Force has the authority to approve projects of this nature under the provisions of 10 U. S. Code 18233a and 10 U. S. Code 2805.					
11. REQUIREMENT: As Required <u>PROJECT:</u> Unspecified Minor Construction Program <u>REQUIREMENT:</u> This program provides the means of accomplishing urgent, unforeseen projects costing over \$750,000, but not exceeding \$1,500,000. The project requirements are anticipated to arise during late FY 2005 or FY 2006, and would be needed to satisfy critical, urgent mission beddowns and weapon system conversions, or to meet serious and urgent health, safety, and environmental requirements. The late identification of these requirements prevents their inclusion in the FY 2006 MILCON program and the projects cannot wait for the FY 2007 program. The requested funds are not a percent of the budget, but are based on historical trends. Routine and non-urgent projects are not funded from this account. <u>CURRENT SITUATION:</u> As in the recent past, it is expected that the Air Force will continue to transfer missions and force structure into the ANG. These aircraft conversions and beddowns generate facility requirements that are often late-to-need using normal MILCON programming avenues. The urgency of the required projects is driven by the arrival of new aircraft and equipment, or the need to eliminate immediate health, safety or environmental requirements or personnel growth. <u>IMPACT IF NOT PROVIDED:</u> Unable to adequately support mission conversions and beddowns. More expensive workarounds will have to be used. Formal reprogramming is the only other option available, however, funds may not be available for these reprogrammings.					

**DEPARTMENT OF THE AIR FORCE  
AIR NATIONAL GUARD  
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2006**

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**SECTION III**

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**INSTALLATION DATA**

1. COMPONENT ANG	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2005																			
3. INSTALLATION AND LOCATION  MONTGOMERY REGIONAL AIRPORT (ANG) BASE, ALABAMA				4. AREA CONSTR COST INDEX .81																			
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.																							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS One Active AFB - 5 miles, one Marine Reserve - 12 miles, three Army Reserves - 10 - 15 miles, five Army National Guard Units - 2-12 miles and two Air National Guard Units - 5 miles.																							
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2006																							
<table border="0"> <thead> <tr> <th colspan="2">CATEGORY</th> <th></th> <th>COST</th> <th colspan="2">DESIGN STATUS</th> </tr> <tr> <th><u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th><u>\$(000)</u></th> <th><u>START</u></th> <th><u>CMPL</u></th> </tr> </thead> <tbody> <tr> <td>171-445</td> <td>Replace Composite Operations And Training Facility</td> <td>4,309 SM (46,380 SF)</td> <td>9,100</td> <td>Apr 03</td> <td>Oct 05</td> </tr> </tbody> </table>						CATEGORY			COST	DESIGN STATUS		<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>	171-445	Replace Composite Operations And Training Facility	4,309 SM (46,380 SF)	9,100	Apr 03	Oct 05
CATEGORY			COST	DESIGN STATUS																			
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>																		
171-445	Replace Composite Operations And Training Facility	4,309 SM (46,380 SF)	9,100	Apr 03	Oct 05																		
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved <u>24 Jun 04</u> (Date)																							
9. LAND ACQUISITION REQUIRED				<u>None</u> (Number of Acres)																			
10. PROJECTS PLANNED IN NEXT FOUR YEARS																							
<table border="0"> <thead> <tr> <th>CATEGORY</th> <th></th> <th></th> <th>COST</th> </tr> <tr> <th><u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th><u>\$(000)</u></th> </tr> </thead> <tbody> <tr> <td></td> <td>NONE</td> <td></td> <td></td> </tr> <tr> <td></td> <td colspan="3">R&amp;M Unfunded Requirement: \$13,566,000</td> </tr> </tbody> </table>						CATEGORY			COST	<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>		NONE				R&M Unfunded Requirement: \$13,566,000				
CATEGORY			COST																				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>																				
	NONE																						
	R&M Unfunded Requirement: \$13,566,000																						

1. COMPONENT ANG	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE February 2005	
3. INSTALLATION AND LOCATION MONTGOMERY REGIONAL AIRPORT (ANG) BASE, ALABAMA						
11. PERSONNEL STRENGTH AS OF 04 Aug 04						
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	296	29	267	0	1,026	132   894
ACTUAL	283	28	255	0	981	114   867
12. RESERVE UNIT DATA						
	<u>UNIT DESIGNATION</u>			<u>STRENGTH</u>		
		<u>AUTHORIZED</u>		<u>ACTUAL</u>		
	160 Fighter Squadron	41		35		
	187 ACFTSQ	160		157		
	187 Civil Engineering Squadron	93		83		
	187 Communication Flight	39		38		
	187 Fighter Wing	50		44		
	187 Logistics Group	102		92		
	187 Logistics Squadron	21		21		
	187 Logistics Support Group	31		27		
	187 Medical Squadron	70		66		
	187 Mission Support Flight	26		26		
	187 Maintenance Squadron	212		177		
	187 Operations Support Flight	27		16		
	187 Operations Group	9		9		
	187 Security Forces Squadron	73		66		
	187 Support Group	9		9		
	187 Student Flight	5		59		
	187 Services Flight	20		23		
	ANG Headquarters ANG	<u>38</u>		<u>33</u>		
	TOTALS	1,026		981		
13. MAJOR EQUIPMENT AND AIRCRAFT						
	<u>TYPE</u>	<u>AUTHORIZED</u>		<u>ASSIGNED</u>		
	F-16 Aircraft	15		17		
	Support Equipment	210		199		
	Vehicle	78		77		
	Vehicle Equivalent	230		220		
14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2006						
CATEGORY			CST	<u>DESIGN STATUS</u>		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>	
NONE						

1. COMPONENT ANG	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2005																					
3. INSTALLATION AND LOCATION  FRESNO YOSEMITE INTERNATIONAL AIRPORT ANG, CALIFORNIA				4. AREA CONSTR COST INDEX 1.2																					
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily and night use by technician/AGR force for training.																									
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS Three Army National Guard, one Army Reserve, one Naval Reserve Center, one Marine Corp Reserve and one Coast Guard Reserve.																									
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2006																									
<table border="1"> <thead> <tr> <th rowspan="2">CATEGORY <u>CODE</u></th> <th rowspan="2"><u>PROJECT TITLE</u></th> <th rowspan="2"><u>SCOPE</u></th> <th rowspan="2">COST \$(000)</th> <th colspan="2"><u>DESIGN STATUS</u></th> </tr> <tr> <th><u>START</u></th> <th><u>CMPL</u></th> </tr> </thead> <tbody> <tr> <td>141-459</td> <td>ASA – Alert Crew Quarters Facility</td> <td>632 SM (6,800 SF)</td> <td>3,000</td> <td>Apr 03</td> <td>Jul 05</td> </tr> </tbody> </table>						CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	COST \$(000)	<u>DESIGN STATUS</u>		<u>START</u>	<u>CMPL</u>	141-459	ASA – Alert Crew Quarters Facility	632 SM (6,800 SF)	3,000	Apr 03	Jul 05						
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	COST \$(000)	<u>DESIGN STATUS</u>																					
				<u>START</u>	<u>CMPL</u>																				
141-459	ASA – Alert Crew Quarters Facility	632 SM (6,800 SF)	3,000	Apr 03	Jul 05																				
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved <u>17 Mar 04</u> (Date)																									
9. LAND ACQUISITION REQUIRED				<u>None</u> (Number of Acres)																					
10. PROJECTS PLANNED IN NEXT FOUR YEARS																									
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<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> \$(000)																						
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R&M Unfunded Requirement: \$11,100,800																									

1. COMPONENT ANG	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE February 2005	
3. INSTALLATION AND LOCATION FRESNO YOSEMITE INTERNATIONAL AIRPORT ANG, CALIFORNIA						
11. PERSONNEL STRENGTH AS OF 31 Jul 04						
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	299	30	269	0	951	95 856
ACTUAL	294	28	266	0	899	92 807
12. RESERVE UNIT DATA						
	<u>UNIT DESIGNATION</u>			<u>STRENGTH</u>		
		<u>AUTHORIZED</u>		<u>ACTUAL</u>		
	144 LRS	104		101		
	144 Services Flight	20		22		
	144 Security Forces Squadron	87		86		
	144 Logistics Group	21		18		
	144 Operations Group	9		9		
	144 Support Group	8		9		
	144 Operations Support Flight	19		20		
	144 Fighter Wing	55		53		
	144 Mission Support Flight	27		20		
	144 Maintenance Squadron	193		182		
	144 Communication Flight	46		47		
	144 Medical Squadron	56		58		
	194 Fighter Squadron	38		34		
	144 AMS	138		122		
	144 MOF	31		21		
	144 Civil Engineering Squadron	99		97		
	TOTALS	951		899		
13. MAJOR EQUIPMENT AND AIRCRAFT						
	<u>TYPE</u>	<u>AUTHORIZED</u>		<u>ASSIGNED</u>		
	C-26 Aircraft	1		1		
	F-16 Aircraft	19		18		
	Number of Vehicles	100		106		
	Support Equipment	170		166		
	Vehicle Equivalents	267		292		
14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2006						
CATEGORY				CST	<u>DESIGN STATUS</u>	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>		<u>\$(000)</u>	<u>START</u> <u>CMPL</u>	
NONE						

1. COMPONENT ANG	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE February 2005																			
3. INSTALLATION AND LOCATION  SAVANNAH/HILTON HEAD IAP, GEORGIA			4. AREA CONSTR COST INDEX .84																			
5. FREQUENCY AND TYPE OF UTILIZATION Year-round operational training of Air National Guard units, and other Reserve Components' and Active Duty military units.																						
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS 1 Army Base																						
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2006																						
<table border="0"> <thead> <tr> <th colspan="2">CATEGORY</th> <th></th> <th>COST</th> <th colspan="2"><u>DESIGN STATUS</u></th> </tr> <tr> <th><u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th><u>\$(000)</u></th> <th><u>START</u></th> <th><u>CMPL</u></th> </tr> </thead> <tbody> <tr> <td>171-445</td> <td>Replace CRTC Operations, Medical Training Complex</td> <td>3,252 SM (35,000 SF)</td> <td>7,200</td> <td>Apr 04</td> <td>Oct 05</td> </tr> </tbody> </table>					CATEGORY			COST	<u>DESIGN STATUS</u>		<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>	171-445	Replace CRTC Operations, Medical Training Complex	3,252 SM (35,000 SF)	7,200	Apr 04	Oct 05
CATEGORY			COST	<u>DESIGN STATUS</u>																		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>																	
171-445	Replace CRTC Operations, Medical Training Complex	3,252 SM (35,000 SF)	7,200	Apr 04	Oct 05																	
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved <u>17 Apr 03</u> (Date)																						
9. LAND ACQUISITION REQUIRED			<u>None</u> (Number of Acres)																			
10. PROJECTS PLANNED IN NEXT FOUR YEARS																						
<table border="0"> <thead> <tr> <th colspan="2">CATEGORY</th> <th></th> <th>COST</th> </tr> <tr> <th><u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th><u>\$(000)</u></th> </tr> </thead> <tbody> <tr> <td>211-179</td> <td>Replace Operations, Training and Security Forces Complex</td> <td>2,852 SM (30,700 SF)</td> <td>7,000</td> </tr> <tr> <td>141-753</td> <td>Replace Squadron Operations</td> <td>2,044 SM (22,000 SF)</td> <td>5,700</td> </tr> </tbody> </table>					CATEGORY			COST	<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	211-179	Replace Operations, Training and Security Forces Complex	2,852 SM (30,700 SF)	7,000	141-753	Replace Squadron Operations	2,044 SM (22,000 SF)	5,700		
CATEGORY			COST																			
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>																			
211-179	Replace Operations, Training and Security Forces Complex	2,852 SM (30,700 SF)	7,000																			
141-753	Replace Squadron Operations	2,044 SM (22,000 SF)	5,700																			
R&M Unfunded Requirement: \$38,488,000																						

1. COMPONENT ANG	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE February 2005	
3. INSTALLATION AND LOCATION SAVANNAH/HILTON HEAD IAP, GEORGIA						
11. PERSONNEL STRENGTH AS OF 01 Aug 04						
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	315	34	281	0	1,056	145 911
ACTUAL	315	34	281	0	1,025	140 885
12. RESERVE UNIT DATA						
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>				
		<u>AUTHORIZED</u>	<u>ACTUAL</u>			
	165 MDS OL	7	7			
	CRTC Combat Readiness Training Center	81	74			
	158 Airlift Wing	58	54			
	165 Airlift Squadron	114	108			
	165 Aircraft Generation Squadron	63	64			
	165 Aerial Port Squadron	96	83			
	165 Civil Engineering Squadron	94	85			
	165 Communication Flight	47	47			
	165 Logistics Group	10	6			
	165 Logistics Squadron	114	102			
	165 Logistics Support Flight	13	12			
	165 Medical Squadron	57	71			
	165 Maintenance Squadron	141	133			
	165 Mission Support Flight	30	29			
	165 Operations Group	6	5			
	165 Operations Support Flight	19	19			
	165 Security Forces	72	80			
	165 Support Group	5	5			
	165 Services Flight	<u>29</u>	<u>41</u>			
	TOTALS	1,056	1,025			
13. MAJOR EQUIPMENT AND AIRCRAFT						
	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>			
	C-130H Aircraft	8	9			
	Support Equipment	330	330			
	Vehicle Equivalents	235	224			
14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2006						
CATEGORY			<u>CST</u>	<u>DESIGN STATUS</u>		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>	
NONE						

1. COMPONENT ANG	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2005														
3. INSTALLATION AND LOCATION  HICKAM AIR FORCE BASE, HAWAII			4. AREA CONSTR COST INDEX 1.66															
5. FREQUENCY AND TYPE OF UTILIZATION Two Unit Training Assemblies per month, 15 days annual field training per year, daily use by technician/AGR force for training.																		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS 2 Army Installations, 1 Army Facility, 1 Air Force Base, 1 Air National Guard Unit, 2 Naval Installations, 1 Marine Corps Reserve Center, 4 Army National Guard Installations																		
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2006																		
<table border="1"> <thead> <tr> <th rowspan="2">CATEGORY <u>CODE</u></th> <th rowspan="2"><u>PROJECT TITLE</u></th> <th rowspan="2"><u>SCOPE</u></th> <th rowspan="2">COST \$(000)</th> <th colspan="2"><u>DESIGN STATUS</u></th> </tr> <tr> <th><u>START</u></th> <th><u>CMPL</u></th> </tr> </thead> <tbody> <tr> <td>116-672</td> <td>F-15 Aircraft Rinse Facility</td> <td>3,662 SM (4,380 SY)</td> <td>2,500</td> <td>May 02</td> <td>Jul 05</td> </tr> </tbody> </table>					CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	COST \$(000)	<u>DESIGN STATUS</u>		<u>START</u>	<u>CMPL</u>	116-672	F-15 Aircraft Rinse Facility	3,662 SM (4,380 SY)	2,500	May 02	Jul 05
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	COST \$(000)	<u>DESIGN STATUS</u>														
				<u>START</u>	<u>CMPL</u>													
116-672	F-15 Aircraft Rinse Facility	3,662 SM (4,380 SY)	2,500	May 02	Jul 05													
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved <u>10 Feb 03</u> (Date)																		
9. LAND ACQUISITION REQUIRED			<u>None</u> (Number of Acres)															
10. PROJECTS PLANNED IN NEXT FOUR YEARS																		
<table border="1"> <thead> <tr> <th><u>CATEGORY</u> <u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th><u>COST</u> \$(000)</th> </tr> </thead> <tbody> <tr> <td>216-642</td> <td>Munitions Maintenance and Storage Complex</td> <td>2,085 SM (223,440 SF)</td> <td>\$9,800</td> </tr> </tbody> </table> <p>R&amp;M Unfunded Requirement: \$12,500,000</p>					<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> \$(000)	216-642	Munitions Maintenance and Storage Complex	2,085 SM (223,440 SF)	\$9,800						
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> \$(000)															
216-642	Munitions Maintenance and Storage Complex	2,085 SM (223,440 SF)	\$9,800															

1. COMPONENT ANG	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE February 2005	
3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HAWAII						
11. PERSONNEL STRENGTH AS OF 01 Aug 04						
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	571	448	123	0	1,699	223 1,476
ACTUAL	636	72	561	0	1,596	151 1,445
12. RESERVE UNIT DATA						
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>				
		<u>AUTHORIZED</u>	<u>ACTUAL</u>			
	154 Medical Squadron	76	62			
	154 Wing Group	75	66			
	154 Aircraft Generation Squadron	303	297			
	154 Civil Engineering Squadron	66	70			
	154 Communication Flight	42	49			
	154 Logistics Group	33	29			
	154 Logistics Squadron	121	105			
	154 Logistics Support Flight	50	47			
	154 Mission Support Flight	34	31			
	154 Maintenance Squadron	397	386			
	154 Operations Group	11	10			
	154 Operations Support Flight	43	33			
	154 Security Forces Squadron	73	78			
	154 Support Group	5	5			
	154 Services Flight	42	46			
	169 Air Support Operations Center	0	0			
	199 Fighter Squadron	39	39			
	199 Weather Flight	0	0			
	201 CCGP	39	33			
	203 Air Refueling Squadron	62	44			
	204 Airlift Squadron	59	48			
	291 Combat Communications Squadron	0	0			
	292 Combat Communications Squadron	0	0			
	293 CBCS	129	118			
	297 Air Traffic Control Squadron	0	0			
	HQ HI ANG	0	0			
	TOTALS	1,699	1,596			
13. MAJOR EQUIPMENT AND AIRCRAFT						
	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>			
	C-130H AIRCRAFT	4	5			
	F-15 A/B AIRCRAFT	15	19			
	KC-135R AIRCRAFT	8	9			
	Support Equipment	512	509			
	Vehicle Equivalents		820			
14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2006						
CATEGORY			CST	<u>DESIGN STATUS</u>		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>	
NONE						

1. COMPONENT ANG	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2005															
3. INSTALLATION AND LOCATION  STEWART INTERNATIONAL AIRPORT, NEW YORK				4. AREA CONSTR COST INDEX 1.4															
5. FREQUENCY AND TYPE OF UTILIZATION Four Unit Training Assemblies per month, 15 days annual training per year, daily use for technician force, and for training.																			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS Army National Guard Unit, two Army Reserve units, one Naval Reserve unit, one Marine Corps Reserve Unit (colocated) and the U. S. Military Academy.																			
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2006																			
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CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	COST \$(000)	<u>DESIGN STATUS</u>															
				<u>START</u>	<u>CMPL</u>														
130-142	Replace Fire Crash/Rescue Station	2,592 SM (27,900 SF)	10,200	Feb 04	Oct 05														
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved <u>13 Nov 02</u> (Date)																			
9. LAND ACQUISITION REQUIRED				<u>None</u> (Number of Acres)															
10. PROJECTS PLANNED IN NEXT FOUR YEARS																			
<table border="1"> <thead> <tr> <th><u>CATEGORY</u> <u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th><u>COST</u> <u>\$(000)</u></th> </tr> </thead> <tbody> <tr> <td>NONE</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td colspan="3">R&amp;M Unfunded Requirement: \$20,740,222</td> </tr> </tbody> </table>						<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>\$(000)</u>	NONE					R&M Unfunded Requirement: \$20,740,222				
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>\$(000)</u>																
NONE																			
	R&M Unfunded Requirement: \$20,740,222																		

1. COMPONENT ANG	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE February 2005	
3. INSTALLATION AND LOCATION STEWART INTERNATIONAL AIRPORT, NEW YORK						
11. PERSONNEL STRENGTH AS OF 01 Aug 04						
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	631	23	187	0	1,632	145   1,487
ACTUAL	649	23	184	0	1,597	140   1,457
12. RESERVE UNIT DATA						
	<u>UNIT DESIGNATION</u>			<u>STRENGTH</u>		
		<u>AUTHORIZED</u>		<u>ACTUAL</u>		
	137 Airlift Group	178		164		
	213 Engineering Installation Squadron	108		107		
	105 Aircraft Generation Squadron	191		169		
	105 Aerial Port Squadron	124		117		
	105 Airlift Wing	59		63		
	105 Civil Engineering Squadron	105		105		
	105 Communication Flight	45		44		
	105 Logistics Group	14		12		
	105 Logistics Squadron	115		111		
	105 Operations Flight	53		42		
	105 Medical Squadron	73		77		
	105 Maintenance Squadron	406		322		
	105 Mission Support Flight	29		35		
	105 Operations Group	5		5		
	105 Operations Support Flight	12		12		
	105 Security Forces Squadron	73		82		
	105 Support Group	5		5		
	105 Services Group	32		32		
	105 Student Flight	5		93		
	TOTALS	1,632		1,597		
13. MAJOR EQUIPMENT AND AIRCRAFT						
	<u>TYPE</u>	<u>AUTHORIZED</u>		<u>ASSIGNED</u>		
	C-5A Aircraft	13		13		
	KC-130 T (USMCR)	13		13		
	Support Equipment	131		130		
	Vehicle	199		249		
	Vehicle Equivalent	629		898		
14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2006						
CATEGORY			CST	<u>DESIGN STATUS</u>		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>	
NONE						

1. COMPONENT ANG	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2005																			
3. INSTALLATION AND LOCATION  CHARLOTTE/DOUGLAS INTERNATIONAL AIRPORT, NORTH CAROLINA				4. AREA CONSTR COST INDEX .87																			
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.																							
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CATEGORY			COST	<u>DESIGN STATUS</u>																			
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>																		
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1. COMPONENT ANG	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE February 2005	
3. INSTALLATION AND LOCATION CHARLOTTE/DOUGLAS INTERNATIONAL AIRPORT, NORTH CAROLINA						
11. PERSONNEL STRENGTH AS OF 31 Jul 04						
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	368	38	289	0	1,243	207   1,036
ACTUAL	298	38	219	0	1,214	203   1,011
12. RESERVE UNIT DATA						
	<u>UNIT DESIGNATION</u>			<u>STRENGTH</u>		
		<u>AUTHORIZED</u>		<u>ACTUAL</u>		
	HQ NCANG	24		26		
	145 Airlift Wing	53		53		
	145 Medical Squadron	61		69		
	145 Medical Operating Location	6		3		
	145 Operations Group	8		7		
	156 Airlift Squadron	166		153		
	145 Operations Support Flight	21		18		
	156 AE SQD	106		94		
	156 Weather Flight	20		20		
	145 Logistics Group	9		9		
	145 Logistics Squadron	108		104		
	145 Maintenance Squadron	191		179		
	145 AMS	62		55		
	145 MOF	11		9		
	145 Support Group	11		9		
	145 Aerial Port Squadron	99		89		
	145 Mission Support Flight	26		30		
	145 Communication Flight	43		48		
	145 Civil Engineering Squadron	109		117		
	145 Services Flight	36		38		
	145 Security Forces Squadron	73		84		
	TOTALS	1,243		1,214		
13. MAJOR EQUIPMENT AND AIRCRAFT						
	<u>TYPE</u>	<u>AUTHORIZED</u>		<u>ASSIGNED</u>		
	C-130 Aircraft	8		12		
	Support Equipment	195		162		
	Vehicle Equivalents	311		335		
14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2006						
CATEGORY			CST	<u>DESIGN STATUS</u>		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>	
NONE						

1. COMPONENT ANG	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2005																								
3. INSTALLATION AND LOCATION  MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE			4. AREA CONSTR COST INDEX .92																									
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.																												
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS 1 Army National Guard Facility, 1 Naval Reserve Facility, 1 Army Reserve Facility, 1 Marine Corps Facility, 1 Naval Base																												
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3. INSTALLATION AND LOCATION MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE						
11. PERSONNEL STRENGTH AS OF 01 Aug 04						
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	281	5	74	0	1,185	136 1,049
ACTUAL	279	5	74	0	1,003	117 886
12. RESERVE UNIT DATA						
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>				
		<u>AUTHORIZED</u>	<u>ACTUAL</u>			
	155 Airlift Squadron	127	100			
	164 Airlift Wing	58	45			
	164 Civil Engineering Squadron	93	83			
	164 Communication Flight	46	34			
	164 Logistics Group	10	9			
	164 Logistics Squadron	112	100			
	164 Aerial Port Squadron	103	86			
	164 Medical Squadron	116	60			
	164 Mission Support Flight	28	28			
	164 Maintenance Squadron	267	213			
	164 Operations Group	6	6			
	164 Operations Support Flight	20	17			
	164 Support Group	9	8			
	164 Security Forces Squadron	73	62			
	164 Services Flight	20	17			
	164 Operations Flight	22	16			
	164 Aircraft Generation Squadron	67	79			
	8164 Student Flight	8	40			
	TOTALS	1,185	1,003			
13. MAJOR EQUIPMENT AND AIRCRAFT						
	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>			
	Actual Vehicles	124	101			
	C-5 Aircraft	8				
	Support Equipment	171	145			
	Vehicle Equivalents	362	309			
14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2006						
CATEGORY			CST	<u>DESIGN STATUS</u>		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>	
NONE						

1. COMPONENT ANG	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE February 2005																																				
3. INSTALLATION AND LOCATION  E WVRA-SHEPHERD FIELD, WEST VIRGINIA		4. AREA CONSTR COST INDEX .96																																					
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.																																							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS 157th ARNG, Martinsburg, Army Reserve Training Center, Martinsburg																																							
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2006																																							
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3.INSTALLATION AND LOCATION E WVRA-SHEPHERD FIELD, WEST VIRGINIA						
11. PERSONNEL STRENGTH AS OF 01 Aug 04						
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	286	35	251	0	1,216	198 1,018
ACTUAL	270	30	240	0	1,184	165 1,019
12. RESERVE UNIT DATA						
	<u>UNIT DESIGNATION</u>			<u>STRENGTH</u>		
		<u>AUTHORIZED</u>		<u>ACTUAL</u>		
	167 Airlift Wing	52		51		
	167 Medical Squadron	69		58		
	167 Operations Group	8		8		
	167 Airlift Squadron	166		134		
	167 Operations Support Flight	22		24		
	167 Airlift Evacuation Squadron	135		116		
	167 Logistics Group	11		11		
	167 Aircraft Generation Squadron	191		197		
	167 MSX	62		63		
	167 MOF	11		10		
	167 Support Group	9		10		
	167 Aerial Port Squadron	99		96		
	167 Logistics Squadron	108		103		
	167 Mission Support Flight	26		24		
	167 Civil Engineering Squadron	93		95		
	167 Security Forces Squadron	73		75		
	167 Communication Flight	43		45		
	167 Services Flight	29		26		
	167 Student Flight	9		38		
	TOTALS	1,216		1,184		
13. MAJOR EQUIPMENT AND AIRCRAFT						
	<u>TYPE</u>	<u>AUTHORIZED</u>		<u>ASSIGNED</u>		
	C-130E Aircraft	12		12		
	C-5 Aircraft	10				
	Non-Powered AGE Equip	71		71		
	Powered AGE Equip	111		107		
14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2006						
CATEGORY			CST	<u>DESIGN STATUS</u>		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>	
NONE						

1. COMPONENT ANG	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2005																					
3. INSTALLATION AND LOCATION  CHEYENNE MUNICIPAL AIRPORT, WYOMING				4. AREA CONSTR COST INDEX 1.																					
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.																									
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CATEGORY			COST	<u>DESIGN STATUS</u>																					
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171-447	Composite Airlift Support Complex	2,666 SM (28,700 SF)	7,000	May 03	Sep 05																				
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved <u>20 Aug 03</u> (Date)																									
9. LAND ACQUISITION REQUIRED				<u>None</u> (Number of Acres)																					
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="1" data-bbox="266 1476 1550 1749"> <thead> <tr> <th colspan="2" data-bbox="266 1476 427 1507">CATEGORY</th> <th data-bbox="427 1476 1117 1507"></th> <th data-bbox="1117 1476 1550 1507">COST</th> </tr> <tr> <th data-bbox="266 1507 427 1539"><u>CODE</u></th> <th data-bbox="427 1507 1117 1539"><u>PROJECT TITLE</u></th> <th data-bbox="1117 1507 1312 1539"><u>SCOPE</u></th> <th data-bbox="1312 1507 1550 1539"><u>\$(000)</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="266 1539 427 1581">214-425</td> <td data-bbox="427 1539 1117 1581">Replace Vehicle Maintenance/Deployment Processing</td> <td data-bbox="1117 1539 1312 1581">2,424 SM (26,100 SF)</td> <td data-bbox="1312 1539 1550 1581">5,900</td> </tr> <tr> <td data-bbox="266 1581 427 1623">141-753</td> <td data-bbox="427 1581 1117 1623">Replace Squadron Operations Facility</td> <td data-bbox="1117 1581 1312 1623">2,434 SM (26,200 SF)</td> <td data-bbox="1312 1581 1550 1623">6,800</td> </tr> <tr> <td colspan="4" data-bbox="266 1686 1550 1749">R&amp;M Unfunded Requirement: \$38,819,000</td> </tr> </tbody> </table>						CATEGORY			COST	<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	214-425	Replace Vehicle Maintenance/Deployment Processing	2,424 SM (26,100 SF)	5,900	141-753	Replace Squadron Operations Facility	2,434 SM (26,200 SF)	6,800	R&M Unfunded Requirement: \$38,819,000			
CATEGORY			COST																						
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>																						
214-425	Replace Vehicle Maintenance/Deployment Processing	2,424 SM (26,100 SF)	5,900																						
141-753	Replace Squadron Operations Facility	2,434 SM (26,200 SF)	6,800																						
R&M Unfunded Requirement: \$38,819,000																									

1. COMPONENT ANG	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2.DATE February 2005	
3. INSTALLATION AND LOCATION CHEYENNE MUNICIPAL AIRPORT, WYOMING						
11. PERSONNEL STRENGTH AS OF 01 Aug 04						
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	358	32	326	0	1,258	174 1,084
ACTUAL	347	32	315	0	1,053	151 902
12. RESERVE UNIT DATA						
	<u>UNIT DESIGNATION</u>			<u>STRENGTH</u>		
		<u>AUTHORIZED</u>		<u>ACTUAL</u>		
	153 Aerial Port Flight	54		45		
	153 Aircraft Generation Squadron	52		43		
	153 Airlift Wing	52		42		
	153 Civil Engineering Squadron	93		87		
	153 CACS	165		140		
	153 Communication Flight	45		41		
	153 Logistics Squadron	108		81		
	153 Logistics Group	10		10		
	153 MOF	11		9		
	153 Maintenance Squadron	148		105		
	153 Medical Squadron	60		60		
	153 Mission Support Flight	27		23		
	153 Support Group	9		8		
	153 Operations Group	8		8		
	153 Operations Support Flight	20		21		
	153 Security Forces Squadron	60		47		
	153 Services Flight	20		16		
	153 Student Flight	9		11		
	187 Airlift Evacuation Squadron	113		87		
	187 Airlift Squadron	115		102		
	243 Air Traffic Control Squadron	79		67		
	TOTALS	1,258		1,053		
13. MAJOR EQUIPMENT AND AIRCRAFT						
	<u>TYPE</u>	<u>AUTHORIZED</u>		<u>ASSIGNED</u>		
	C-130 H3 Aircraft	8		8		
	Support Equipment	107		107		
	Vehicle Equivalents	324		324		
	Vehicles	98		96		
14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2006						
CATEGORY			CST	<u>DESIGN STATUS</u>		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>	
NONE						

**DEPARTMENT OF THE AIR FORCE  
AIR NATIONAL GUARD  
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2006**

---

**SECTION IV**

---

**FUTURE YEARS DEFENSE PLAN (FYDP)**

**FISCAL YEAR LISTING**

AIR NATIONAL GUARD  
FUTURE YEARS DEFENSE PROGRAM (FYDP)

DATE: February 2005

Comp	FY	Appn	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount \$000	Change from FY05 PB \$000	Explanation of Changes	Footprint
ANG	2007	3830	Buckley AFB	CO	ASA - Alert Crew Quarters	141-459	51216F	3,000		Moved from FY 06	New
ANG	2007	3830	Savannah IAP	GA	Replace Operations, Training and Security Forces Complex	211-179	55296F	7,000	(500)	Moved from FY 08	New
ANG	2007	3830	Andrews AFB	MD	Headquarters ANGRC Addition	610-128	55296F	25,600		New	New
ANG	2007	3830	Stanly County APT	NC	Relocate Communications and Electronics Training Complex	171-447	55296F	4,900	200	Moved from FY 08	Existing
ANG	2007	3830	State College (ANG)	PA	Replace Air Operations Squadron Training Facility	171-447	55296F	5,300		New	Existing
ANG	2007	3830	Memphis IAP	TN	C-5 Infrastructure Upgrade	850-000	54119F	3,100		New	New
ANG	2007	3830	Memphis IAP	TN	C- 5 Fire Crash Rescue Station	130-142	54119F	4,200		New	Existing
ANG	2007	3830	Memphis IAP	TN	C-5 Squadron Operations and Simulator Training Facility	141-753	54119F	10,000		New	New
ANG	2007	3830	Memphis IAP	TN	C-5 Replace Aircraft Support Equipment Shop and Storage	218-712	54119F	3,500		New	New
ANG	2007	3830	Martinsburg MAP	WV	C-5 Replace Squadron Operations Facility	141-753	54119F	6,600		Moved from FY 06	Existing
ANG	2007	3830	Martinsburg MAP	WV	C-5 Replace Fire, Crash and Rescue Station	130-142	54119F	7,800	2,500		New
ANG	2007	3830	Martinsburg MAP	WV	C-5 Replace Base Supply Facility	442-758	54119F	5,800		New	New
ANG	2007	3830	Martinsburg MAP	WV	C-5 Upgrade/Extend Runway and Taxiways	111-111	54119F	20,500		New	New
ANG	2007	3830	Various	--	Planning and Design	--	55296F	13,880			
ANG	2007	3830	Various	--	Unspecified Minor Construction	--	55296F	5,500			
FY 2007 Total								126,680			
ANG	2008	3830	Eielson AFB	AK	Mobility Storage Warehouse	141-786	51411F	5,900	100	Moved from FY 09	New
ANG	2008	3830	Fresno Yosemite IAP	CA	Medical Training and Security Forces Complex	171-450	55296F	5,000	300	Moved from FY 07	New
ANG	2008	3830	Greeley Airport	CO	Space Warning System Squadron Support Facility	171-447	55296F	5,400	(900)	Moved from FY 06	Existing
ANG	2008	3830	Fort Dodge	IA	Vehicle Maintenance and Communications Training	214-425	55296F	5,000	400	Moved from FY 07	Existing
ANG	2008	3830	Capital MAP	IL	Security Improvements-Relocate Base Entrance	850-000	55296F	5,000		Moved from FY 07	New
ANG	2008	3830	Greater Peoria MAP	IL	Replace Composite ASOS/ASOC Training Facility	171-447	55296F	9,600	400		New
ANG	2008	3830	Fort Wayne IAP	IN	Replace Security Forces Operations and Training Facility	730-835	55296F	4,100	100	Moved from FY 07	New
ANG	2008	3830	Barnes MAP	MA	Upgrade Aircraft Maintenance Facilities	215-552	55296F	7,100	(900)		New
ANG	2008	3830	Otis ANGB	MA	Replace Alert Crew Quarters	141-459	55296F	6,100	3,100	Moved from FY 06. Scope Change	Existing
ANG	2008	3830	Duluth IAP	MN	Replace Fire Station	130-142	55296F	6,300		New	New
ANG	2008	3830	Rosecrans MAP	MO	Replace Fire Station	130-142	55296F	10,000	1,500	Moved from FY 07	New
ANG	2008	3830	Gulfport-Biloxi MAP	MS	Relocate Munitions Complex - Phase I	216-642	55296F	5,000	2,000	Moved from FY 06	New
ANG	2008	3830	Key Field MAP	MS	Upgrade ASOS Communications Training Complex	171-447	55393F	6,800			Existing
ANG	2008	3830	Atlantic City IAP	NJ	Operations, Training and Dining Hall	171-445	55296F	11,200	5,500	Scope Change	New
ANG	2008	3830	Atlantic City IAP	NJ	Arm/Disarm Apron	116-661	22596F	1,500		New	New
ANG	2008	3830	McGuire AFB	NJ	Replace Base Civil Engineer Complex	219-944	55296F	7,000		Moved from FY 06	Existing
ANG	2008	3830	Reno-Tahoe IAP	NV	Replace Vehicle Maintenance Facility	214-425	55296F	4,500	400	Moved from FY 07	New
ANG	2008	3830	Mansfield MAP	OH	Joint ANG/ARNG Fire Station	130-142	55296F	8,000	1,800	Moved from FY 09	New
ANG	2008	3830	Klamath Falls IAP	OR	Replace Security Forces Facility	730-835	55296F	3,500	300		Existing
ANG	2008	3830	McGhee-Tyson Airport	TN	Squadron Operations Facility	141-753	55296F	7,000	700	Moved from FY 09	New
ANG	2008	3830	Fort Worth JRB	TX	Composite Support Complex	730-835	55296F	7,500	200	Moved from FY 09	New
ANG	2008	3830	Camp Murray ANGB	WA	262 Information Warfare Aggressor Squadron Facility	171-447	55296F	7,000	200		New
ANG	2008	3830	General Mitchell IAP	WI	Upgrade Aircraft Maintenance Complex - Phase I	211-152	55296F	7,000	500	Moved from FY 09	New
ANG	2008	3830	Truax Field	WI	Add/Alter Fire Station	130-142	55296F	6,500	800		New
ANG	2008	3830	Martinsburg MAP	WV	Fuel Cell Hangar	211-179	51119F	25,500		New	New
ANG	2008	3830	Martinsburg MAP	WV	C-5 Shops Upgrade	217-712	51119F	2,000		New	New
ANG	2008	3030	Martinsburg MAP	WV	C-5 Site Preperation and Utilities	932-000	51119F	4,500		New	New
ANG	2008	3830	Cheyenne MAP	WY	Replace Vehicle Maintenance/Deployment Processing	214-425	55296F	5,900		New	New
ANG	2008	3830	Various	--	Planning and Design	--	55296F	14,285			
ANG	2008	3830	Various	--	Unspecified Minor Construction	--	55296F	5,000			
FY 2008 Total								209,185			

AIR NATIONAL GUARD  
FUTURE YEARS DEFENSE PROGRAM (FYDP)

DATE: February 2005

Comp	FY	Appn	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount \$000	Change from FY05 PB \$000	Explanation of Changes	Footprint
ANG	2009	3830	Ted Stevens IAP	AK	Replace Pararescue Training Complex	141-185	55296F	12,400	(1,400)	Moved from FY 07	Existing
ANG	2009	3830	Jacksonville IAP	FL	Replace Security Forces and Communication Facility	730-835	55296F	11,800		New	New
ANG	2009	3830	Des Moines IAP	IA	Replace Communications Facility	131-111	55296F	5,200		New	New
ANG	2009	3830	Boise MAP	ID	Operations and Training Facility	171-445	55296F	9,300		New	New
ANG	2009	3830	Fort Wayne IAP	IN	Aircraft Ready Shelters	141-181	55296F	4,700		New	New
ANG	2009	3830	New Orleans JRB	LA	Replace Engine/NDI Shop/Deployment Facility	211-157	55296F	5,800		New	New
ANG	2009	3830	Otis ANGB	MA	Replace Operations and Maintenance	171-445	55296F	9,100		New	New
ANG	2009	3830	Bangor IAP	ME	Replace Aircraft Maintenance Hangar/Shops	211-111	55296F	20,000	7,000	Moved from FY 08	New
ANG	2009	3830	WK Kellogg Apt	MI	Replace Base Civil Engineer Complex	219-944	55296F	6,900		New	New
ANG	2009	3830	Pease Tradeport	NH	Replace Operations and Training	171-445	55296F	8,900		New	New
ANG	2009	3830	Reno-Tahoe IAP	NV	Replace Intelligence Exploitation Facility	171-447	55296F	16,000		New	New
ANG	2009	3830	Hancock Field	NY	Add to and Alter Squadron Operations Facility	141-753	55296F	5,400		New	Existing
ANG	2009	3830	Schenectady MAP	NY	Replace Base Supply Complex	442-758	55296F	6,800	1,300		New
ANG	2009	3830	Camp Perry ANGB	OH	Replace Troop Training Quarters	725-517	55296F	4,700	50		Existing
ANG	2009	3830	Fort Indiantown Gap	PA	Replace Composite Support Complex	171-445	55296F	12,500	3,564	Moved from FY 07	Existing
ANG	2009	3830	Harrisburg IAP	PA	Expand Aircraft Parking Apron/Taxiway	113-321	55296F	5,000	750	Moved from FY 08	New
ANG	2009	3830	Joe Foss Field	SD	Security Forces and Communications Upgrade	730-835	55296F	5,200		New	New
ANG	2009	3830	Burlington IAP	VT	Security Improvements - Relocate Road	851-000	55296F	6,800		New	New
ANG	2009	3830	Various	--	Planning and Design	--	55296F	10,804			
ANG	2009	3830	Various	--	Unspecified Minor Construction	--	55296F	3,100			
								FY 2009 Total	170,404		

ANG	2010	3830	Birmingham IAP	AL	KC-135 Mobility Processing and Alert Crew Quarters	141-786	55296F	3,500	2,000	Moved from FY 07	New
ANG	2010	3830	Fort Smith MAP	AR	Replace Civil Engineering Maintenance Complex	219-944	55296F	7,100		New	New
ANG	2010	3830	Tucson IAP	AZ	Replace Civil Engineering Complex	219-944	55296F	5,100	200	Moved from FY 07	Existing
ANG	2010	3830	Fresno Yosemite IAP	CA	Replace Squadron Operations Facility	141-753	55296F	7,700		New	Existing
ANG	2010	3830	Fresno Yosemite IAP	CA	Replace Vehicle Maintenance Complex	214-425	55296F	4,500		New	New
ANG	2010	3830	New Castle MAP	DE	Replace Aircraft Maintenance Hangar	211-111	55296F	10,200	(3,800)	Moved from FY 08	New
ANG	2010	3830	Hulman MAP	IN	Weapons Release and Load Crew Training	215-552	55296F	6,900	900	Moved from FY 09	New
ANG	2010	3830	McConnell AFB	KS	Replace Hangar and Shops	211-111	55296F	14,800		New	New
ANG	2010	3830	Louisville IAP	KY	Add and Alter Composite Support Facility	730-835	55296F	4,100	600	Moved from FY 09	New
ANG	2010	3830	Selfridge ANGB	MI	Replace Alert Complex	141-183	55296F	19,500		New	Existing
ANG	2010	3030	Minneapolis- St Paul IAP	MN	Composite Aircraft Maintenance Facility	211-154	55296F	8,800		New	New
ANG	2010	3830	Gabreski Airport	NY	Replace Pararescue Training Facility	141-185	55296F	12,500		New	Existing
ANG	2010	3830	Rickenbacker IAP	OH	Joint ANG/ARNG Vehicle Maintenance Facility	214-425	55296F	6,600		New	Existing
ANG	2010	3830	Rickenbacker IAP	OH	Security Forces Complex	730-835	55296F	6,500	300	Moved from FY 07	New
ANG	2010	3830	Springfield MAP	OH	Aircraft Ready Shelters	141-181	55296F	2,700	1,200	Moved from FY 06	New
ANG	2010	3830	McEntire ANGB	SC	Replace Operations and Training Complex	171-445	55296F	9,500	800	Moved from FY 09	New
ANG	2010	3830	Salt Lake City IAP	UT	Replace Fire Station/Mobility Processing	730-142	55296F	9,700	1,500	Moved from FY 09	New
ANG	2010	3830	Richmond IAP	VA	Replace Operation, Training, and Support Complex	171-445	55296F	15,000		Moved from FY 07	New
ANG	2010	3830	Yeager Airport	WV	Force Protection Measures - Relocate Road	851-000	55296F	6,500		New	New
ANG	2010	3830	Various	--	Planning and Design	--	55296F	13,113			
ANG	2010	3830	Various	--	Unspecified Minor Construction	--	55296F	5,700			
								FY 2010 Total	180,013		

AIR NATIONAL GUARD  
FUTURE YEARS DEFENSE PROGRAM (FYDP)

DATE: February 2005

Comp	FY	Appn	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount \$000	Change from FY05 PB \$000	Explanation of Changes	Footprint
ANG	2011	3830	Dothan Airport	AL	Mobility Processing Apron	113-321	55296F1	2,000		New	New
ANG	2011	3830	March ARB	CA	Replace Aircraft Maintenance Hangar and Shops	211-111	55296F	14,400	1,400	Moved from FY 08	New
ANG	2011	3830	Buckley AFB	CO	Replace Squadron Operations Facility	141-753	55296F	5,900		New	New
ANG	2011	3830	Savannah IAP	GA	Replace Squadron Operations	141-753	55296F	5,700		New	New
ANG	2011	3830	Hickam AFB	HI	Munitions Maintenance and Storage Complex	216-642	55296F	9,800		Moved from FY 09	New
ANG	2011	3830	Boise MAP	ID	Relocate Munitions Complex	216-642	55296F	9,100		New	Existing
ANG	2011	3830	Forbes MAP	KS	Replace Squadron Operations	141-753	55296F	9,100		New	Existing
ANG	2011	3830	Madisonville Airport	KY	Airfield Improvements	116-116	55296F	1,500		New	New
ANG	2011	3830	Martin State Airport	MD	Aircraft Corrosion Control Facility	211-179	55296F	10,400	500	Moved from FY 08	New
ANG	2011	3830	Alpena MAP	MI	Replace Squadron Operations Facility	141-753	55296F	8,500		Moved from FY 08	New
ANG	2011	3830	Great Falls IAP	MT	Replace Operations and Training Facility	171-445	55296F	8,300		New	Existing
ANG	2011	3830	Hector Field	ND	Replace Fire Station	130-142	55296F	6,900		New	New
ANG	2011	3830	Lincoln MAP	NE	Add/Alter Security Forces and Communications Facility	730-835	55296F	8,500		Moved from FY 08	New
ANG	2011	3830	Griffiss Airport	NY	NEADS Support Facility	171-447	55296F	9,000		New	New
ANG	2011	3830	Toledo IAP	OH	Replace Fire Station/Security Forces	130-142	55296F	9,300		New	New
ANG	2011	3830	Will Rogers World Airport	OK	Replace Maintenance Hangar	211-111	55296F	15,000		New	New
ANG	2011	3830	Willow Grove JRB	PA	Operations and Communications Training Facility	171-445	55296F	9,000		New	New
ANG	2011	3830	General Mitchell IAP	WI	Upgrade Aircraft Maintenance Complex - Phase II	211-159	55296F	3,300		New	New
ANG	2011	3830	Yeager Airport	WV	Replace Maintenance Hangar	211-111	55295F	17,000		New	New
ANG	2011	3830	Cheyenne MAP	WY	Replace Squadron Operations Facility	141-753	55296F	6,800		New	New
ANG	2011	3830	Various	--	Planning and Design	--	55296F	12,055			
ANG	2011	3830	Various	--	Unspecified Minor Construction	--	55296F	6,000			
FY 2011 Total								187,555			



**DEPARTMENT OF THE AIR FORCE  
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**SECTION IV**

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**FUTURE YEARS DEFENSE PLAN (FYDP)**

**STATE/INSTALLATION LISTING**

AIR NATIONAL GUARD  
FUTURE YEARS DEFENSE PROGRAM (FYDP)

DATE: February 2005

Comp	FY	Appn	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount \$000	Change from FY05 PB \$000	Explanation of Changes	Footprint
ANG	2008	3830	Eielson AFB	AK	Mobility Storage Warehouse	141-786	51411F	5,900	100	Moved from FY 09	New
ANG	2009	3830	Ted Stevens IAP	AK	Replace Pararescue Training Complex	141-185	55296F	12,400	(1,400)	Moved from FY 07	Existing
ANG	2010	3830	Birmingham IAP	AL	KC-135 Mobility Processing and Alert Crew Quarters	141-786	55296F	3,500	2,000	Moved from FY 07	New
ANG	2011	3830	Dothan Airport	AL	Mobility Processing Apron	113-321	55296F11	2,000		New	New
ANG	2010	3830	Fort Smith MAP	AR	Replace Civil Engineering Maintenance Complex	219-944	55296F	7,100		New	New
ANG	2010	3830	Tucson IAP	AZ	Replace Civil Engineering Complex	219-944	55296F	5,100	200	Moved from FY 07	Existing
ANG	2010	3830	Fresno Yosemite IAP	CA	Replace Squadron Operations Facility	141-753	55296F	7,700		New	Existing
ANG	2008	3830	Fresno Yosemite IAP	CA	Medical Training and Security Forces Complex	171-450	55296F	5,000	300	Moved from FY 07	New
ANG	2010	3830	Fresno Yosemite IAP	CA	Replace Vehicle Maintenance Complex	214-425	55296F	4,500		New	New
ANG	2011	3830	March ARB	CA	Replace Aircraft Maintenance Hangar and Shops	211-111	55296F	14,400	1,400	Moved from FY 08	New
ANG	2011	3830	Buckley AFB	CO	Replace Squadron Operations Facility	141-753	55296F	5,900		New	New
ANG	2007	3830	Buckley AFB	CO	ASA - Alert Crew Quarters	141-459	51216F	3,000		Moved from FY 06	New
ANG	2008	3830	Greeley Airport	CO	Space Warning System Squadron Support Facility	171-447	55296F	5,400	(900)	Moved from FY 06	Existing
ANG	2010	3830	New Castle MAP	DE	Replace Aircraft Maintenance Hangar	211-111	55296F	10,200	(3,800)	Moved from FY 08	New
ANG	2009	3830	Jacksonville IAP	FL	Replace Security Forces and Communication Facility	730-835	55296F	11,800		New	New
ANG	2007	3830	Savannah IAP	GA	Replace Operations, Training and Security Forces Complex	211-179	55296F	7,000	(500)	Moved from FY 08	New
ANG	2011	3830	Savannah IAP	GA	Replace Squadron Operations	141-753	55296F	5,700		New	New
ANG	2011	3830	Hickam AFB	HI	Munitions Maintenance and Storage Complex	216-642	55296F	9,800		Moved from FY 09	New
ANG	2009	3830	Des Moines IAP	IA	Replace Communications Facility	131-111	55296F	5,200		New	New
ANG	2008	3830	Fort Dodge	IA	Vehicle Maintenance and Communications Training	214-425	55296F	5,000	400	Moved from FY 07	Existing
ANG	2009	3830	Boise MAP	ID	Operations and Training Facility	171-445	55296F	9,300		New	New
ANG	2011	3830	Boise MAP	ID	Relocate Munitions Complex	216-642	55296F	9,100		New	Existing
ANG	2008	3830	Capital MAP	IL	Security Improvements-Relocate Base Entrance	850-000	55296F	5,000		Moved from FY 07	New
ANG	2008	3830	Greater Peoria MAP	IL	Replace Composite ASOS/ASOC Training Facility	171-447	55296F	9,600	400		New
ANG	2008	3830	Fort Wayne IAP	IN	Replace Security Forces Operations and Training Facility	730-835	55296F	4,100	100	Moved from FY 07	New
ANG	2009	3830	Fort Wayne IAP	IN	Aircraft Ready Shelters	141-181	55296F	4,700		New	New
ANG	2010	3830	Hulman MAP	IN	Weapons Release and Load Crew Training	215-552	55296F	6,900	900	Moved from FY 09	New
ANG	2011	3830	Forbes MAP	KS	Replace Squadron Operations	141-753	55296F	9,100		New	Existing
ANG	2010	3830	McConnell AFB	KS	Replace Hangar and Shops	211-111	55296F	14,800		New	New
ANG	2010	3830	Louisville IAP	KY	Add and Alter Composite Support Facility	730-835	55296F	4,100	600	Moved from FY 09	New
ANG	2011	3830	Madisonville Airport	KY	Airfield Improvements	116-116	55296F	1,500		New	New
ANG	2009	3830	New Orleans JRB	LA	Replace Engine/NDI Shop/Deployment Facility	211-157	55296F	5,800		New	New
ANG	2008	3830	Barnes MAP	MA	Upgrade Aircraft Maintenance Facilities	215-552	55296F	7,100	(900)		New
ANG	2008	3830	Otis ANGB	MA	Replace Alert Crew Quarters	141-459	55296F	6,100	3,100	Moved from FY 06. Scope Change	Existing
ANG	2009	3830	Otis ANGB	MA	Replace Operations and Maintenance	171-445	55296F	9,100		New	New

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ANG	2007	3830	Andrews AFB	MD	Headquarters ANGRC Addition	610-128	55296F	25,600		New	New
ANG	2011	3830	Martin State Airport	MD	Aircraft Corrosion Control Facility	211-179	55296F	10,400	500	Moved from FY 08	New
ANG	2009	3830	Bangor IAP	ME	Replace Aircraft Maintenance Hangar/Shops	211-111	55296F	20,000	7,000	Moved from FY 08	New
ANG	2011	3830	Alpena MAP	MI	Replace Squadron Operations Facility	141-753	55296F	8,500		Moved from FY 08	New
ANG	2010	3830	Selfridge ANGB	MI	Replace Alert Complex	141-183	55296F	19,500		New	Existing
ANG	2009	3830	WK Kellogg Apt	MI	Replace Base Civil Engineer Complex	219-944	55296F	6,900		New	New
ANG	2008	3830	Duluth IAP	MN	Replace Fire Station	130-142	55296F	6,300		New	New
ANG	2010	3030	Minneapolis- St Paul IAP	MN	Composite Aircraft Maintenance Facility	211-154	55296F	8,800		New	New
ANG	2008	3830	Rosecrans MAP	MO	Replace Fire Station	130-142	55296F	10,000	1,500	Moved from FY 07	New
ANG	2008	3830	Gulfport-Biloxi MAP	MS	Relocate Munitions Complex - Phase I	216-642	55296F	5,000	2,000	Moved from FY 06	New
ANG	2008	3830	Key Field MAP	MS	Upgrade ASOS Communications Training Complex	171-447	55393F	6,800			Existing
ANG	2011	3830	Great Falls IAP	MT	Replace Operations and Training Facility	171-445	55296F	8,300		New	Existing
ANG	2007	3830	Stanly County APT	NC	Relocate Communications and Electronics Training Complex	171-447	55296F	4,900	200	Moved from FY 08	Existing
ANG	2011	3830	Hector Field	ND	Replace Fire Station	130-142	55296F	6,900		New	New
ANG	2011	3830	Lincoln MAP	NE	Add/Alter Security Forces and Communications Facility	730-835	55296F	8,500		Moved from FY 08	New
ANG	2009	3830	Pease Tradeport	NH	Replace Operations and Training	171-445	55296F	8,900		New	New
ANG	2008	3830	Atlantic City IAP	NJ	Operations, Training and Dining Hall	171-445	55296F	11,200	5,500	Scope Change	New
ANG	2008	3830	Atlantic City IAP	NJ	Arm/Disarm Apron	116-661	22596F	1,500		New	New
ANG	2008	3830	McGuire AFB	NJ	Replace Base Civil Engineer Complex	219-944	55296F	7,000		Moved from FY 06	Existing
ANG	2008	3830	Reno-Tahoe IAP	NV	Replace Vehicle Maintenance Facility	214-425	55296F	4,500	400	Moved from FY 07	New
ANG	2009	3830	Reno-Tahoe IAP	NV	Replace Intelligence Exploitation Facility	171-447	55296F	16,000		New	New
ANG	2010	3830	Gabreski Airport	NY	Replace Pararescue Training Facility	141-185	55296F	12,500		New	Existing
ANG	2011	3830	Griffiss Airport	NY	NEADS Support Facility	171-447	55296F	9,000		New	New
ANG	2009	3830	Hancock Field	NY	Add to and Alter Squadron Operations Facility	141-753	55296F	5,400		New	Existing
ANG	2009	3830	Schenectady MAP	NY	Replace Base Supply Complex	442-758	55296F	6,800	1,300		New
ANG	2009	3830	Camp Perry ANGB	OH	Replace Troop Training Quarters	725-517	55296F	4,700	50		Existing
ANG	2008	3830	Mansfield MAP	OH	Joint ANG/ARNG Fire Station	130-142	55296F	8,000	1,800	Moved from FY 09	New
ANG	2010	3830	Rickenbacker IAP	OH	Joint ANG/ARNG Vehicle Maintenance Facility	214-425	55296F	6,600		New	Existing
ANG	2010	3830	Rickenbacker IAP	OH	Security Forces Complex	730-835	55296F	6,500	300	Moved from FY 07	New
ANG	2010	3830	Springfield MAP	OH	Aircraft Ready Shelters	141-181	55296F	2,700	1,200	Moved from FY 06	New
ANG	2011	3830	Toledo IAP	OH	Replace Fire Station/Security Forces	130-142	55296F	9,300		New	New
ANG	2011	3830	Will Rogers World Airport	OK	Replace Maintenance Hangar	211-111	55296F	15,000		New	New
ANG	2008	3830	Klamath Falls IAP	OR	Replace Security Forces Facility	730-835	55296F	3,500	300		Existing
ANG	2009	3830	Fort Indiantown Gap	PA	Replace Composite Support Complex	171-445	55296F	12,500	3,564	Moved from FY 07	Existing
ANG	2009	3830	Harrisburg IAP	PA	Expand Aircraft Parking Apron/Taxiway	113-321	55296F	5,000	750	Moved from FY 08	New
ANG	2007	3830	State College (ANG)	PA	Replace Air Operations Squadron Training Facility	171-447	55296F	5,300		New	Existing
ANG	2011	3830	Willow Grove JRB	PA	Operations and Communications Training Facility	171-445	55296F	9,000		New	New
ANG	2010	3830	McEntire ANGB	SC	Replace Operations and Training Complex	171-445	55296F	9,500	800	Moved from FY 09	New
ANG	2009	3830	Joe Foss Field	SD	Security Forces and Communications Upgrade	730-835	55296F	5,200		New	New

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ANG	2008	3830	McGhee-Tyson Airport	TN	Squadron Operations Facility	141-753	55296F	7,000	700	Moved from FY 09	New
ANG	2007	3830	Memphis IAP	TN	C-5 Infrastructure Upgrade	850-000	54119F	3,100		New	New
ANG	2007	3830	Memphis IAP	TN	C- 5 Fire Crash Rescue Station	130-142	54119F	4,200		New	Existing
ANG	2007	3830	Memphis IAP	TN	C-5 Squadron Operations and Simulator Training Facility	141-753	54119F	10,000		New	New
ANG	2007	3830	Memphis IAP	TN	C-5 Replace Aircraft Support Equipment Shop and Storage	218-712	54119F	3,500		New	New
ANG	2008	3830	Fort Worth JRB	TX	Composite Support Complex	730-835	55296F	7,500	200	Moved from FY 09	New
ANG	2010	3830	Salt Lake City IAP	UT	Replace Fire Station/Mobility Processing	730-142	55296F	9,700	1,500	Moved from FY 09	New
ANG	2010	3830	Richmond IAP	VA	Replace Operation, Training, and Support Complex	171-445	55296F	15,000		Moved from FY 07	New
ANG	2009	3830	Burlington IAP	VT	Security Improvements - Relocate Road	851-000	55296F	6,800		New	New
ANG	2008	3830	Camp Murray ANGB	WA	262 Information Warfare Aggressor Squadron Facility	171-447	55296F	7,000	200		New
ANG	2008	3830	General Mitchell	WI	Upgrade Aircraft Maintenance Complex - Phase I	211-152	55296F	7,000	500	Moved from FY 09	New
ANG	2011	3830	General Mitchell IAP	WI	Upgrade Aircraft Maintenance Complex - Phase II	211-159	55296F	3,300		New	New
ANG	2008	3830	Truax Field	WI	Add/Alter Fire Station	130-142	55296F	6,500	800		New
ANG	2007	3830	Martinsburg MAP	WV	C-5 Replace Squadron Operations Facility	141-753	54119F	6,600		Moved from FY 06	Existing
ANG	2007	3830	Martinsburg MAP	WV	C-5 Replace Fire, Crash and Rescue Station	130-142	54119F	7,800	2,500		New
ANG	2007	3830	Martinsburg MAP	WV	C-5 Replace Base Supply Facility	442-758	54119F	5,800		New	New
ANG	2007	3830	Martinsburg MAP	WV	C-5 Upgrade/Extend Runway and Taxiways	111-111	54119F	20,500		New	New
ANG	2008	3830	Martinsburg MAP	WV	Fuel Cell Hangar	211-179	51119F	25,500		New	New
ANG	2008	3830	Martinsburg MAP	WV	C-5 Shops Upgrade	217-712	51119F	2,000		New	New
ANG	2008	3030	Martinsburg MAP	WV	C-5 Site Preparation and Utilities	932-000	51119F	4,500		New	New
ANG	2010	3830	Yeager Airport	WV	Force Protection Measures - Relocate Road	851-000	55296F	6,500		New	New
ANG	2011	3830	Yeager Airport	WV	Replace Maintenance Hangar	211-111	55295F	17,000		New	New
ANG	2008	3830	Cheyenne MAP	WY	Replace Vehicle Maintenance/Deployment Processing	214-425	55296F	5,900		New	New
ANG	2011	3830	Cheyenne MAP	WY	Replace Squadron Operations Facility	141-753	55296F	6,800		New	New