

AIR NATIONAL GUARD

Fiscal Year (FY) 2012

BUDGET ESTIMATES



MILITARY CONSTRUCTION

APPROPRIATION 3830

PROGRAM YEAR 2012

Justification Data Submitted to Congress

February 2011

**DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2012**

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**SUMMARY PROJECT LIST
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM -- FY 2012**

STATE	INSTALLATION AND PROJECT	AUTH AMOUNT (\$000)	APPN AMOUNT (\$000)	PAGE NO.
CALIFORNIA	Beale (AFB)			
	Wing Operations and Training Facility	<u>6,100</u>	<u>6,100</u>	II-1
	Sub-Total California	6,100	6,100	
CALIFORNIA	Moffett Field (NASA)			
	Replace Pararescue Training Facility	<u>26,000</u>	<u>26,000</u>	II-4
	Sub-Total California	26,000	26,000	
HAWAII	Hickam (AFB)			
	TFI - F-22 Flight Simulator Facility	19,800	19,800	II-7
	TFI - F-22 Weapons Load Crew Training Facility	7,000	7,000	II-10
	TFI - F-22 Combat Aircraft Parking Apron	<u>12,721</u>	<u>12,721</u>	II-13
	Sub-Total Hawaii	39,521	39,521	
INDIANA	Fort Wayne International Airport (IAP)			
	A-10 Facility Conversion - Munitions Complex	<u>4,000</u>	<u>4,000</u>	II-16
	Sub-Total Indiana	4,000	4,000	
MARYLAND	Martin State Airport			
	TF - C-27 Conversion - Squadron Operations Facility	<u>4,900</u>	<u>4,900</u>	II-19
	Sub-Total Maryland	4,900	4,900	
MASSACHUSETTES	Otis (ANGB)			
	TFI-cNAF Beddown - Upgrade Facility	<u>7,800</u>	<u>7,800</u>	II-22
	Sub-Total Massachusetts	7,800	7,800	
OHIO	Springfield (MAP)			
	Alter Predator Operations Center Facility	<u>6,700</u>	<u>6,700</u>	II-25
	Sub-Total Ohio	6,700	6,700	
	SUB-TOTAL -- MAJOR CONSTRUCTION	95,021	95,021	
	PLANNING AND DESIGN		12,225	II-28
	UNSPECIFIED MINOR CONSTRUCTION		9,000	II-30
	SUB - TOTAL -- SUPPORT COSTS		<u>21,225</u>	
	GRAND TOTAL - FY 2012 REQUEST	95,021	116,246	

**NEW MISSION/CURRENT MISSION EXHIBIT
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM -- FY 2012**

LOCATION	PROJECT	COST (\$000)	CURRENT/ NEW/ENV
Beale (AFB), CA	Wing Operations and Training Facility	6,100	C
Moffett Field (NASA), CA	Replace Pararescue Training Facility	26,000	C
Hickam (AFB), HI	TFI - F-22 Flight Simulator Facility	19,800	N
	TFI - F-22 Weapons Load Crew Training Facility	7,000	N
	TFI - F-22 Combat Aircraft Parking Apron	12,721	N
Fort Wayne (IAP), IN	A-10 Facility Conversion - Munitions Complex	4,000	N
Martin State Airport, MD	TFI - C-27 Conversion - Squadron Operations Facility	4,900	N
Otis (ANGB), MA	TFI-cNAF Beddown - Upgrade Facility	7,800	N
Springfield (MAP), OH	Alter Predator Operations Center Facility	6,700	N
	PLANNING AND DESIGN	12,225	
	UNSPECIFIED MINOR CONSTRUCTION	9,000	
	TOTAL ENERGY	0	
	TOTAL ENVIRONMENTAL	0	
	TOTAL NEW MISSION (7)	62,921	
	TOTAL CURRENT MISSION (1)	32,100	
	GRAND TOTAL - FY 2012 REQUEST	116,246	

**DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2012**

SECTION I

APPROPRIATIONS LANGUAGE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air National Guard, and contributions therefor, as currently authorized by law, \$116,246,000, to remain available until September 30, 2016.

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 Forms 1391.

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.

Construction Criteria Manual

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in the Unified Facilities Criteria (UFC).

Extension of Prior Year Authorization

Two Fiscal Year 2009 ANG MILCON projects have not yet been awarded and will require extension of authorization in 2012: CURZ069220, Replace Security Forces/Communications Facility, Burlington IAP VT, and JTVE039116, Relocate Munitions Complex, Gulfport MS.

**DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2012**

SECTION II

PROJECT JUSTIFICATION DATA

1. COMPONENT ANG	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2011	
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA			4. PROJECT TITLE WING OPERATIONS AND TRAINING FACILITY		
5. PROGRAM ELEMENT 58093F	6. CATEGORY CODE 610-249	7. PROJECT NUMBER BAEY029154	8. PROJECT COST(\$000) \$6,100		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
RELOCATE OPERATIONS AND TRAINING FACILITY		SM	1,003		4,241
OPERATIONS AND TRAINING FACILITY		SM	1,003	4,144	(4,156)
SDD&EPACT05(2% LEED CERT/ENERGY CONSERV)		LS			(85)
SUPPORTING FACILITIES					1,275
UTILITIES		LS			(550)
PAVEMENTS		LS			(350)
SITE IMPROVEMENTS		LS			(140)
COMMUNICATIONS SUPPORT		LS			(125)
FIRE PROTECTION SUPPORT		LS			(110)
SUBTOTAL					5,516
CONTINGENCY (5%)					276
TOTAL CONTRACT COST					5,792
SUPERVISION, INSPECTION AND OVERHEAD (6%)					348
TOTAL REQUEST					6,140
TOTAL REQUEST (ROUNDED)					6,100
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. Interior open-office configured facility with workspaces divided by demountable systems-furniture style partitions; facility prewired to support systems furniture and necessary utilities. Exterior work includes: Utilities, pavements, site improvements, communications and fire protection support. Air Conditioning: 105 KW.					
11. REQUIREMENT: 1,003 SM ADEQUATE: 0 SM SUBSTANDARD: 4,564 SM <u>PROJECT:</u> Wing Operations and Training Facility (Current Mission) <u>REQUIREMENT:</u> The Air National Guard (ANG) 200th Wing (WG) requires a properly sized and adequately configured area for the organizing, training, equipping and command/control of a 798-person wing comprised of eight squadrons and one detachment organized into three operational groups. The 200th Wing manages dispersed locations from the San Diego area to the Beale AFB area, providing homeland security and training for worldwide contingency operations in support of active duty Air Force commands. The building will be used by 22 full time and 63 drill ANG personnel. <u>CURRENT SITUATION:</u> The 200th WG is located at the North Highland ANG Station, Sacramento Area, CA, on eight acres of land with a lease expiration of 2022. The existing facilities are inadequate for the mission. The facilities were constructed to support cold war era aircraft and control missions and are now old, antiquated, oversized, and energy inefficient. The buildings set back from public roads and station perimeter fences do not meet the current DoD Antiterrorism/Force Protection (AT/FP) criteria. The facilities were used for an Air Combat Command (ACC) gained Combat Communications Squadron (CBCS) and Group. However, the CBCS unit missions have changed and integrated into the Distributed Common Ground System (DCGS) and other Intelligence, Surveillance, Reconnaissance (ISR) Missions at Beale AFB. The CBCS has been redesignated into the 200th WG and has been approved for relocation to Beale AFB. Excess non-flightline facilities at Beale AFB are not available. Consequently, the 200th WG remains at the North Highlands ANG Station, out of position for appropriate command and control of subordinate units. This project will construct an Operations and Training facility for the ANG at a location approved by the Beale AFB Base Facility Board. Beale					

1. COMPONENT ANG	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2011
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA		
5. PROJECT TITLE WING OPERATIONS AND TRAINING FACILITY	7. PROJECT NUMBER BAEY029154	
<p>AFB selection was due to the 340+ full-time and drill personnel who have associated with the active duty in various Beale AFB missions such as DCGS, Global Hawk and related ISR. Almost half of the personnel and activities managed by the 200th WG are located at Beale AFB.</p> <p>IMPACT IF NOT PROVIDED: Accept risk of inadequate command, control and training of ANG members dislocated from their command structure. Oversized and energy-inefficient facilities remain and result in higher operating costs, health, safety, fire and AT/FP deficiencies. Unable to terminate lease of eight acres and release 49,000 SF of space from the ANG and Air Force inventory.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in ANG Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. AT/FP requirements have been considered in the development of this project. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on ANG requirements. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability and energy conservation, while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition costs will be rewarded with lower life cycle costs. An economic analysis is being prepared comparing the alternatives of new construction, leasing and status quo operation.</p>		
OPERATIONS AND TRAINING FACILITY		1,003 SM = 10,800 SF

1. COMPONENT ANG	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2011
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA		
5. PROJECT TITLE WING OPERATIONS AND TRAINING FACILITY		7. PROJECT NUMBER BAEY029154
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		AUG 2010
(b) Parametric Cost Estimates used to develop costs		NO
(c) Percent Complete as of Jan 2011		15%
* (d) Date 35% Designed		MAR 2011
(e) Date Design Complete		DEC 2011
(f) Type of Design Contract		STD
(g) Energy Study/Life-Cycle analysis was/will be performed		YES
(2) Basis:		
(a) Standard or Definitive Design -		No
(b) Where Design Was Most Recently Used -		
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		315
(b) All Other Design Costs		158
(c) Total		473
(d) Contract		473
(e) In-House		
(4) Contract Award (Month/Year)		MAR 2012
(5) Construction Start		APR 2012
(6) Construction Completion		MAR 2013
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.		
b. Equipment associated with this project will be provided from other appropriations:		N/A
POINT OF CONTACT: Steven Ford (301) 836-8842		

1. COMPONENT ANG	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2011	
3. INSTALLATION AND LOCATION MOFFETT FIELD (NASA), CALIFORNIA			4. PROJECT TITLE REPLACE PARARESCUE TRAINING FACILITY		
5. PROGRAM ELEMENT 52276F	6. CATEGORY CODE 141-185	7. PROJECT NUMBER QMSN019029	8. PROJECT COST(\$000) \$26,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
REPLACE PARARESCUE TRAINING FACILITY		SM	4,529		22,112
PARARESCUE TRAINING AREA		SM	3,549	4,736	(16,808)
LIFE SUPPORT AREA		SM	395	4,962	(1,960)
SURVIVAL EQUIPMENT SHOP AREA		SM	585	4,962	(2,903)
SDD&EPACT(2% FOR LEED CERT/ENERGY CONS)		LS			(441)
SUPPORTING FACILITIES		LS			1,300
UTILITIES		LS			(410)
PAVEMENTS		LS			(305)
SITE IMPROVEMENTS		LS			(185)
FIRE SUPPRESSION SUPPORT		LS			(300)
COMMUNICATIONS SUPPORT		LS			(100)
SUBTOTAL					23,412
CONTINGENCY (5%)					<u>1,171</u>
TOTAL CONTRACT COST					24,583
SUPERVISION, INSPECTION AND OVERHEAD (6%)					<u>1,475</u>
TOTAL REQUEST					26,058
TOTAL REQUEST (ROUNDED)					26,000
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel-framed masonry walls and sloped metal roof structure. Interior walls and utilities including overhead doors, cranes, parachute drying apparatus, weapon storage vault. Minimize interior walls and use an open floor plan as much as possible. Exterior work includes: Access pavement, parking and vehicle storage areas, site work, utilities, fire protection, enclosed fenced area and other supporting functions. Air Conditioning: 525 KW.					
11. REQUIREMENT: 4,529 SM ADEQUATE: 0 SM SUBSTANDARD: 5,908 SM <u>PROJECT:</u> Replace Pararescue Training Facility (Current Mission) <u>REQUIREMENT:</u> The 129th Rescue Wing (RQW) requires an adequately sized and properly configured and sited pararescue training facility complex in direct support of the unit's 4 PAA HC-130 and 6 PAA HH-60 aircraft and its rescue mission. This project will consolidate the pararescue, the life support, and survivable equipment functions into one facility. Functional areas include administrative and support space, mobility equipment, and storage areas. This facility will be occupied by 110 personnel, which is over 1/10 of the Wing's authorized manning. <u>CURRENT SITUATION:</u> The 129th RQW pararescue, life support and survivable equipment operations are performed and housed in three separate, dispersed buildings for which the Air National Guard (ANG) is paying rent to National Aeronautical and Space Administration (NASA) in addition to funding the facility operating costs. The primary pararescue facility (building 686) is less than 18% of the entire space requirement. The remainder of activities such as equipment maintenance and storage are housed in building 656 and also in "Hangar 3", a World War II Blimp hangar made of redwood. This structure has significant structural and environmental hazards. Moffett Field used to be owned by the Navy, however, under BRAC 1993, the Navy left and transferred the property to NASA with the ANG as a NASA tenant. The base is located near the Pacific Ocean and adjacent to the San Francisco Bay. The doors of Hangar 3 will not close, consequently, the equipment stored in the hangar is constantly exposed to fog and corrosive salt air. Equipment maintenance currently performed in					

1. COMPONENT ANG	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2011						
3. INSTALLATION AND LOCATION MOFFETT FIELD (NASA), CALIFORNIA								
5. PROJECT TITLE REPLACE PARARESCUE TRAINING FACILITY	7. PROJECT NUMBER QMSN019029							
<p>squadron operations is cramped and improperly configured. Lack of space for all of the equipment maintenance shops requires work be performed outside resulting in limited maintenance during portions of the year. The survival equipment shop is also located in separate and antiquated buildings, is improperly configured, and geographically separated from the pararescue function, all of which have created inefficiencies, command and control problems, and higher operating costs. None of these areas provide quality work and training spaces. During alert runs, rescue vehicles, clothing, and equipment must be collected from multiple locations and repackaged for the rescue taskings causing unacceptable delays to actual rescue missions. Additionally, NASA - Ames Research Center (NASA-ARC), which is the host and owns the facilities where all pararescue activities are located, is eager to have the land returned so they can redevelop this prime piece of property for other uses. In addition, the facilities do not meet antiterrorism/force protection (AT/FP) measures. Upon completion of this project, the area and facilities occupied by the ANG of over 63,000 SF will be removed from the Air Force and DOD inventory and returned to NASA. This will save significant operating costs. The ANG is now paying NASA \$5.07/SF for rent; however, the ANG will be not be paying rent for the new facility.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Pararescue operations remain degraded due to both excessive geographic separation from the flight line; which delays response time and hampers alert capability, and inadequate space and poor facility configuration for preflight preparation, training, and maintenance activities. Equipment continues to deteriorate due to lack of proper maintenance and storage. Equipment cannot be relied upon to function properly during actual rescue missions. Force Protection cannot be met and accept the risk. The Air Force continues to pay NASA-ARC a premium in rental costs for the existing facilities and NASA-ARC can not redevelop to property.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in the ANG Hand Book 32-1084, "Facility Requirements" and is in compliance with the base master plan. 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. A certificate of exemption is prepared. The proposed facility siting is an inhabited building and meets the standoff distance requirements. In the current location, there are significant threats that can not be abated - NASA- ARC plans to open their campus and this facility is not within the Air National Guard cantonment area. In the new location, there is no threat and the level of protection is low so minimum construction standards have been applied. Upon completion of this project, 63,592 SF of leased space will be vacated and returned to the NASA-ARC.</p> <table data-bbox="207 1507 1331 1612"> <tr> <td>PARARESCUE TRAINING AREA</td> <td>3,549 SM = 38,200 SF</td> </tr> <tr> <td>LIFE SUPPORT AREA</td> <td>395 SM = 4,250 SF</td> </tr> <tr> <td>SURVIVAL EQUIPMENT SHOP AREA</td> <td>585 SM = 6,300 SF</td> </tr> </table>			PARARESCUE TRAINING AREA	3,549 SM = 38,200 SF	LIFE SUPPORT AREA	395 SM = 4,250 SF	SURVIVAL EQUIPMENT SHOP AREA	585 SM = 6,300 SF
PARARESCUE TRAINING AREA	3,549 SM = 38,200 SF							
LIFE SUPPORT AREA	395 SM = 4,250 SF							
SURVIVAL EQUIPMENT SHOP AREA	585 SM = 6,300 SF							

1. COMPONENT ANG	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2011
3. INSTALLATION AND LOCATION JOINT BASE PEARL HARBOR - HICKAM, HAWAII			4. PROJECT TITLE TFI - F-22 FLIGHT SIMULATOR FACILITY	
5. PROGRAM ELEMENT 51721F	6. CATEGORY CODE 171-212	7. PROJECT NUMBER KNMD069212	8. PROJECT COST(\$000) \$19,800	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
F-22 FLIGHT SIMULATOR FACILITY	SM	2,215		16,136
FLIGHT SIMULATOR	SM	2,215	7,136	(15,806)
SDD&EPACT05(2% FOR LEED CERT/ENERGY CONSERV)	LS			(330)
SUPPORTING FACILITIES	LS			1,653
UTILITIES	LS			(360)
PAVEMENTS	LS			(263)
SITE IMPROVEMNTS	LS			(300)
DRAINAGE IMPROVEMENTS	LS			(250)
COMMUNICATIONS SUPPORT	LS			(200)
FIRE PROTECTION SUPPORT	LS			(150)
PASSIVE FORCE PROTECTION	LS			(130)
SUBTOTAL				17,789
CONTINGENCY (5%)				889
TOTAL CONTRACT COST				18,678
SUPERVISION, INSPECTION AND OVERHEAD (6%)				1,121
TOTAL REQUEST				19,800
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. Interior walls, raised flooring, and utilities. Facility prewired to accept user-provided uninterruptible power supply (UPS). Exterior utilities, pavements, site improvements and support. Air Conditioning: 875 KW.				
11. REQUIREMENT: 2,215 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM PROJECT: TFI - F-22 Flight Simulator Facility, (New Mission) REQUIREMENT: The base requires an adequately sized and properly configured F-22 flight simulator facility to support combat training of aircrews. Four Full Mission Trainer (FMT) devices and four debrief classrooms must be collocated in the same facility. The four FMT's will be networked to support multi-ship training. Office space within the simulator facility will be required for instructor offices, Training Systems Support Center (TSSC) interfaces and a CLS maintenance area to support Training System components. Simulator facilities must be secured with multiple Special Access Required (SAR) compartments depending upon the tasks to be performed. Each of the equipment bays will require paved access with access doors to allow installation and maintenance of training equipment. Equipment is scheduled to be delivered in Spring 2013. CURRENT SITUATION: A joint site survey conducted in June 2006 by staff from HQ ANG, PACAF, F-22 Special Programs Office (SPO), and the HI ANG indicated there are no facilities at Hickam AFB that can be upgraded to meet the F-22 simulator requirements. The base currently does not have a facility which can house the four proposed simulators and required training classrooms in a secure environment. There is no known facility workaround for this requirement at Hickam AFB. IMPACT IF NOT PROVIDED: Accept risk to F-22 aircrew training due to inadequate simulator availability. A fully functioning simulator is a critical tool in meeting all flight training requirements by providing varying training scenarios in a controlled environment. Much of the training for the F-22 is conducted in the simulator. If this facility is not made available then the pilots will have to travel to				

1. COMPONENT ANG	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2011
3. INSTALLATION AND LOCATION JOINT BASE PEARL HARBOR - HICKAM, HAWAII		
5. PROJECT TITLE TFI - F-22 FLIGHT SIMULATOR FACILITY		7. PROJECT NUMBER KNMD069212
<p>another available flight simulator at either Langley AFB, Tyndall AFB, or Elmendorf AFB (if training time is available at these other facilities). Not only would this option add additional Operations and Maintenance (O&M) travel costs, it would also have an adverse effect on other training requirements leading to a significant degradation for operational capability and increase the potential for a serious mishap.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in the Air National Guard Handbook 32-1084, "Facility Requirements" as adjusted by the F-22 SPO and is in compliance with the base master plan. AT/FP requirements have been considered in the development of this project. 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. This facility can be used by other components on an "as available" basis, however the scope of the project is based on Air National Guard requirements. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition costs will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPA05), 10 USC 2802, Executive Order 13423, and other applicable laws and Executive Orders.</p> <p>FLIGHT SIMULATOR 2,215 SM = 23,847 SF</p>		

1. COMPONENT ANG	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2011																												
3. INSTALLATION AND LOCATION JOINT BASE PEARL HARBOR - HICKAM, HAWAII																														
5. PROJECT TITLE TFI - F-22 FLIGHT SIMULATOR FACILITY	7. PROJECT NUMBER KNMD069212																													
<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 2009</td> </tr> <tr> <td>(b) Parametric Cost Estimates used to develop costs</td> <td>YES</td> </tr> <tr> <td>(c) Percent Complete as of Jan 2011</td> <td>35%</td> </tr> <tr> <td>* (d) Date 35% Designed</td> <td>AUG 2010</td> </tr> <tr> <td>(e) Date Design Complete</td> <td>AUG 2011</td> </tr> <tr> <td>(f) Type of Design Contract</td> <td>STD</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>838</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td>731</td> </tr> <tr> <td>(c) Total</td> <td>1,569</td> </tr> <tr> <td>(d) Contract</td> <td>1,569</td> </tr> <tr> <td>(e) In-House</td> <td></td> </tr> </table> <p>(4) Contract Award (Month/Year) MAR 2012</p> <p>(5) Construction Start APR 2012</p> <p>(6) Construction Completion OCT 2013</p> <p>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p> <p>POINT OF CONTACT: James Guidry (301) 836-8508</p>			(a) Date Design Started	NOV 2009	(b) Parametric Cost Estimates used to develop costs	YES	(c) Percent Complete as of Jan 2011	35%	* (d) Date 35% Designed	AUG 2010	(e) Date Design Complete	AUG 2011	(f) Type of Design Contract	STD	(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	838	(b) All Other Design Costs	731	(c) Total	1,569	(d) Contract	1,569	(e) In-House	
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1. COMPONENT ANG	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2011
3. INSTALLATION AND LOCATION JOINT BASE PEARL HARBOR - HICKAM, HAWAII			4. PROJECT TITLE TFI - F-22 WEAPONS LOAD CREW TRAINING FACILITY	
5. PROGRAM ELEMENT 51721F	6. CATEGORY CODE 171-875	7. PROJECT NUMBER KNMD069213	8. PROJECT COST(\$000) \$7,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
F-22 WEAPONS LOAD CREW TRAINING FACILITY	SM	962		5,708
LOAD CREW TRAINING	SM	962	5,813	(5,592)
SDD&EPACT05(2%FOR LEED CERT/ENERGY CONSERV)	LS			(116)
SUPPORTING FACILITIES	LS			600
UTILITIES	LS			(200)
ACCESS PAVEMENTS	LS			(90)
DRAINAGE IMPROVEMENTS	LS			(50)
ADDITIONAL SITE SECURITY MEASURES	LS			(50)
SITE IMPROVEMENTS	LS			(75)
COMMUNICATIONS SUPPORT	LS			(25)
FIRE PROTECTION SUPPORT	LS			(85)
PASSIVE FORCE PROTECTION	LS			(25)
SUBTOTAL				6,308
CONTINGENCY (5%)				<u>315</u>
TOTAL CONTRACT COST				6,623
SUPERVISION, INSPECTION AND OVERHEAD (6%)				<u>397</u>
TOTAL REQUEST				7,020
TOTAL REQUEST (ROUNDED)				7,000
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. Interior walls and utilities. Exterior utilities, access pavements, site improvements, fire protection, and support. Provide additional site/facility security measures as required for the equipment/weapon system in addition to normal facility envelope. Air Conditioning: 18 KW.				
11. REQUIREMENT: 962 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM <u>PROJECT:</u> TFI - F-22 Weapons Load Crew Training Facility (New Mission) <u>REQUIREMENT:</u> The base requires a properly sited and adequately sized facility in which to conduct training for the munitions load crews. The purpose of this training is to ensure that loading crews acquire and maintain the knowledge and physical proficiency necessary to perform their function in a safe and effective manner. Academic training is administered annually and hands-on training is administered monthly to all lead crews and loading crew members. The on-aircraft training duplicates operational conditions to the maximum extent and stresses safety and weapon custody and transfer procedures. The classroom training is oriented towards equipment loading/maintenance proficiency training and involves handling the unique aircraft internal munitions items and demonstrating their use. <u>CURRENT SITUATION:</u> The base does not have a facility that can be modified or upgraded to meet this training requirement. There is no known facility workaround to provide this specialized F-22 munitions load crew training at Hickam AFB. <u>IMPACT IF NOT PROVIDED:</u> Accept risk to combat sortie generation. Weapon load crew training cannot be realistically performed. Training will have to be performed outside on the aircraft parking apron; if weather permits. Classroom training cannot be performed on the ramp. Loss of training opportunities may endanger the weapons and crews. <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. AT/FP requirements have been considered in the development of this project. This facility can be used by other components				

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3. INSTALLATION AND LOCATION JOINT BASE PEARL HARBOR - HICKAM, HAWAII		
5. PROJECT TITLE TFI - F-22 WEAPONS LOAD CREW TRAINING FACILITY		7. PROJECT NUMBER KNMD069213
<p>on an “as available” basis; however, the scope of the project is based on Air National Guard requirements. 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. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition costs will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2802, Executive Order 13423, and other applicable laws and Executive Orders.</p> <p>LOAD CREW TRAINING 962 SM = 10,350 SF</p>		

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3. INSTALLATION AND LOCATION JOINT BASE PEARL HARBOR - HICKAM, HAWAII		4. PROJECT TITLE TFI - F-22 COMBAT AIRCRAFT PARKING APRON	
5. PROGRAM ELEMENT 51721F	6. CATEGORY CODE 113-321	7. PROJECT NUMBER KNMD069216	8. PROJECT COST(\$000) \$12,721

9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
F-22 COMBAT AIRCRAFT PARKING APRON	SM	15,050		3,587
PARKING APRON	SM	15,050	238	(3,587)
SUPPORTING FACILITIES				7,843
UTILITIES	LS			(580)
SITE IMPROVEMENTS	LS			(380)
SUPPORTING ACCESS ROADS	LS			(228)
DRAINAGE IMPROVEMENTS	LS			(675)
RAMP LIGHTING	LS			(575)
RAMP SECURITY	LS			(304)
RELOCATE UNDERGROUND UTILITIES	LS			(430)
PROVIDE PAD FOR SECOND HUSH HOUSE	LS			(2,010)
DEMOLITION AND ASBESTOS REMOVAL	SM	1,529	248	(379)
INSTALL CLEAR WATER RINSE AT RAMP ENTRANCE	LS			(2,282)
SUBTOTAL				11,430
CONTINGENCY (5%)				571
TOTAL CONTRACT COST				12,001
SUPERVISION, INSPECTION AND OVERHEAD (6%)				720
TOTAL REQUEST				12,721

10. Description of Proposed Construction: Reinforced concrete parking apron complete with pavement markings, grounding points, tiedowns, ramp lighting, and electrical support. Relocate underground utilities, relocate existing clear water rinse facility, provide pad for second hush house and extend fire hydrant system. Provide drainage and site improvements. Demolish buildings, pavements and miscellaneous appurtenances in the footprint of construction.

11. REQUIREMENT: 30,936 SM ADEQUATE: 15,886 SM SUBSTANDARD: 0 SM
PROJECT: TFI- F-22 Combat Aircraft Parking Apron (New Mission)
REQUIREMENT: The 154th Fighter Wing (FW) requires a properly configured Combat Aircraft Parking Apron to support twenty (20) F-22 Aircraft -18-Primary Assigned Aircraft (PAA). The apron must be sited and configured to allow the F-22 to be fully loaded with munitions.
CURRENT SITUATION: F-22 combat aircraft began arriving at Hickam in June 2010 replacing the F-15 aircraft. The current aircraft parking apron size and configuration does not meet the minimum requirement of 758 feet explosive safety clear zone to park munitions-loaded aircraft, nearly double the 400-foot clear zone required for the F-15. Thus the F-22 has a larger clear zone of required uninhabited space around a loaded aircraft than the F-15 being replaced. Combat aircraft loaded with munitions cannot be parked on the existing ramp since the munitions quantity distance safety arc for this situation encompasses the majority of the ANG non-flightline related facilities. Department of Defense Explosive Safety Board (DDESB) policy prohibits the inclusion of non-mission related facilities within the safety arc. The Unified Facility Code 3-260-01 requires the clear zone to protect personnel on the ground from a potential incident. A portion of the parking and taxiways were programmed in FY 2010. This project completes the apron requirement.
IMPACT IF NOT PROVIDED: Unable to park munitions-loaded F-22 combat aircraft on the existing apron. Severely degraded mission capability due to lack of munitions loading area. Accept risk to combat mission accomplishment by flying the aircraft to some other location for loading, then

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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>OCT 2008</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 2011</td> <td>35%</td> </tr> <tr> <td>* (d) Date 35% Designed</td> <td>MAR 2010</td> </tr> <tr> <td>(e) Date Design Complete</td> <td>AUG 2011</td> </tr> <tr> <td>(f) Type of Design Contract</td> <td>STD</td> </tr> <tr> <td>(g) Energy Study/Life-Cycle analysis was/will be performed</td> <td>N/A</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>630</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td>428</td> </tr> <tr> <td>(c) Total</td> <td>1,058</td> </tr> <tr> <td>(d) Contract</td> <td>1,058</td> </tr> <tr> <td>(e) In-House</td> <td></td> </tr> </table> <p>(4) Contract Award (Month/Year) APR 2012</p> <p>(5) Construction Start MAY 2012</p> <p>(6) Construction Completion NOV 2013</p> <p>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p> <p>POINT OF CONTACT: James Guidry (301) 836-8508</p>			(a) Date Design Started	OCT 2008	(b) Parametric Cost Estimates used to develop costs	No	(c) Percent Complete as of Jan 2011	35%	* (d) Date 35% Designed	MAR 2010	(e) Date Design Complete	AUG 2011	(f) Type of Design Contract	STD	(g) Energy Study/Life-Cycle analysis was/will be performed	N/A	(a) Standard or Definitive Design -	No	(b) Where Design Was Most Recently Used -	N/A	(a) Production of Plans and Specifications	630	(b) All Other Design Costs	428	(c) Total	1,058	(d) Contract	1,058	(e) In-House	
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1. COMPONENT ANG	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE February 2011
3. INSTALLATION AND LOCATION FORT WAYNE INTERNATIONAL AIRPORT, INDIANA		4. PROJECT TITLE A-10 FACILITY CONVERSION - MUNITIONS COMPLEX	
5. PROGRAM ELEMENT 52632F	6. CATEGORY CODE 216-642	7. PROJECT NUMBER ATQZ099080	8. PROJECT COST(\$000) \$4,000

9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
A-10 CONVERSION - MUNITIONS FACILITIES	SM	961		2,975
CONSTRUCT MAINTENANCE AND INSPECTION SHOP	SM	139	3,229	(449)
CONSTRUCT MUNITIONS ADMINISTRATIVE AREA	SM	460	3,014	(1,386)
CONSTRUCT TRAILER MAINTENANCE SHOP	SM	139	2,400	(334)
CONVENTIONAL MUNITIONS IGLOOS	SM	223	3,337	(744)
SDD&EPACT05(2% FOR LEED CERT/ENERGY CONSERV)	LS			(62)
SUPPORTING FACILITIES				625
UTILITIES	LS			(140)
ACCESS ROADS AND PAVEMENTS	LS			(195)
SITE IMPROVEMENTS	LS			(120)
COMMUNICATIONS SUPPORT	LS			(95)
PASSIVE FORCE PROTECTION	LS			(75)
SUBTOTAL				3,600
CONTINGENCY (5%)				180
TOTAL CONTRACT COST				3,780
SUPERVISION, INSPECTION AND OVERHEAD (6%)				227
TOTAL REQUEST				4,007
TOTAL REQUEST (ROUNDED)				4,000

10. Description of Proposed Construction: Construct administrative space and trailer maintenance area outside the explosive Quantity Distance (QD) safety zones. Construct rocket maintenance and inspection area, and earth-covered munitions igloos with earth berm and site improvements in conformance with existing safety standards. Renovate munitions shop space and demolish unusable administrative area and storage space in existing munitions shop facility. All interior space will provide required finishes and be flexible in layout. Provide required vehicle access, utility connections, communication support, passive force protection and site improvements as required.
Air Conditioning: 18 KW.

11. REQUIREMENT: 2,090 SM ADEQUATE: 535 SM SUBSTANDARD: 940 SM
PROJECT: A-10 Facility Conversion - Munitions Complex (New Mission)
REQUIREMENT: The base requires properly sized and adequately configured munitions maintenance facilities to support the conversion of one squadron of 18-PAA F-16s to 18-PAA A-10s. Functional areas include: Munitions maintenance and inspection areas, ammunition/universal loading system processing and inspection area, an inert munitions unit processing/inspection area, and live munitions storage areas. Separate munitions maintenance and inspection (M&I) areas must be provided to support 30 millimeter (mm) and rocket munitions production activities due to A-10 mission sortie requirements. Administrative and support functional areas should be located outside of explosive QD safety zones. Supporting areas to be constructed will be roads and parking areas, mechanical, electrical and communication rooms as well as male and female lavatories.
CURRENT SITUATION: The base has been directed to convert from F-16 to A-10 aircraft. Personnel administrative areas are undersized and located in unauthorized safety QD zones, which is a critical safety issue. Munitions storage and maintenance and inspection (M&I) areas are not properly sized and configured for the different A-10 munitions types and sizes, causing multiple compatibility issues and limitations. The operational mix of 1.4, 1.3, 1.2, 1.2.2, 1.2.1 and 1.1 level munitions cannot be adequately maintained and prepared on a timely basis to support operational mission requirements.

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3. INSTALLATION AND LOCATION FORT WAYNE INTERNATIONAL AIRPORT, INDIANA										
5. PROJECT TITLE A-10 FACILITY CONVERSION - MUNITIONS COMPLEX		7. PROJECT NUMBER ATQZ099080								
<p>Due to separation distance requirements and munitions volumes related to A-10 sortie activities, the 30mm and rocket munitions M&I areas must be constructed with a separation of at least 200 feet.</p> <p>IMPACT IF NOT PROVIDED: ANG members will continue to be placed in unsafe QD safety zone areas. Sortie generation and mission execution are at risk due to inadequate munitions maintenance and storage facilities supporting the A-10 mission. The various rocket configurations and 30mm munitions cannot be properly configured, maintained and stored to meet required mission activities. Space and compatibility limitations will severely reduce operational capability. Munitions level 1.2 (rockets specific to the A-10 mission) cannot be maintained in the current facility due to safety distance limitations. Operational sortie generation will be reduced due to the munitions section's limited production capacity. Required volumes and types of munitions storage will not meet mission needs. Improperly configured shop space will degrade munitions maintenance training. Consequently, the squadron will not reach full operational capability and the aircraft may not be ready for deployment when needed.</p> <p>ADDITIONAL: 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. This facility can be used by other components on an "as available" basis. However, the scope of the project is based on Air National Guard requirements and some of these area's mission requirements, operational considerations and locations are incompatible with use by other components. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition costs will be rewarded with lower life cycle costs. 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. A letter of exemption is being prepared. Current Munitions administration area will be demolished after completion of new construction.</p> <table data-bbox="207 1413 1299 1545"> <tr> <td>CONSTRUCT MUNITIONS ADMINISTRATIVE AREA</td> <td>460 SM = 4,951 SF</td> </tr> <tr> <td>CONVENTIONAL MUNITIONS IGLOOS</td> <td>223 SM = 2,400 SF</td> </tr> <tr> <td>CONSTRUCT MAINTENANCE AND INSPECTION SHOP</td> <td>139 SM = 1,496 SF</td> </tr> <tr> <td>CONSTRUCT TRAILER MAINTENANCE SHOP</td> <td>139 SM = 1,496 SF</td> </tr> </table>			CONSTRUCT MUNITIONS ADMINISTRATIVE AREA	460 SM = 4,951 SF	CONVENTIONAL MUNITIONS IGLOOS	223 SM = 2,400 SF	CONSTRUCT MAINTENANCE AND INSPECTION SHOP	139 SM = 1,496 SF	CONSTRUCT TRAILER MAINTENANCE SHOP	139 SM = 1,496 SF
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3. INSTALLATION AND LOCATION MARTIN STATE AIRPORT, MARYLAND			4. PROJECT TITLE TFI - C-27 CONVERSION - SQUADRON OPERATIONS FACILITY		
5. PROGRAM ELEMENT 51138F	6. CATEGORY CODE 141-753	7. PROJECT NUMBER PJMS099091	8. PROJECT COST(\$000) \$4,900		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
C-27 CONVERSION - SQUADRON OPS FACILITY		SM	1,133		3,843
SQUADRON OPERATIONS AREA		SM	1,133	3,305	(3,745)
SDD&EPACT05(2% FOR LEED CERT/ENERGY CONSERV)		LS			(98)
SUPPORTING FACILITIES					600
UTILITIES		LS			(135)
PAVEMENTS		LS			(160)
SITE IMPROVEMENTS		LS			(115)
COMMUNICATIONS SUPPORT		LS			(45)
FIRE PROTECTION SUPPORT		LS			(80)
PASSIVE FORCE PROTECTION		LS			(65)
SUBTOTAL					4,443
CONTINGENCY (5%)					222
TOTAL CONTRACT COST					4,665
SUPERVISION, INSPECTION AND OVERHEAD (6%)					280
TOTAL REQUEST					4,945
TOTAL REQUEST (ROUNDED)					4,900
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure, with minimum interior walls and partitions. Exterior work includes: utilities, pavements, site improvements, communications/fire protection support and Antiterrorism/Force Protection (AT/FP) site improvements. Interior layout to be adapted for pre-wired work stations installation. Air Conditioning: 175 KW.					
11. REQUIREMENT: 3,510 SM ADEQUATE: 0 SM SUBSTANDARD: 2,377 SM PROJECT: TFI-C-27 Conversion - Squadron Operations Facility (New Mission) REQUIREMENT: BRAC 05 removed the C-130 from the base. The backfill mission is a squadron of 4 PAA C-27s which are scheduled to arrive in FY12. The base requires properly sized and adequately configured space in support of training and operations functions for the C-27 aircraft. Functional areas include: flight planning, scheduling, life support, survivable equipment, briefing and debriefing areas and training space. CURRENT SITUATION: The base had insufficient space in the squadron operations functions to support both the A-10 and C-130 missions. With the departure of the C-130, and in accordance with the BRAC rules, the squadron operations space was reallocated to the shortage of the A-10. Space for C- 27 does not exists and must be constructed. IMPACT IF NOT PROVIDED: Unit is unable to beddown and train for the C-27 aircraft. Scheduling areas will not be available. Briefing rooms will have to be shared with the A-10 and will be severely crowded. Since the A-10 briefing rooms are in a classified (SCIFed) part of the area, the C-27 crews cannot both use the space. Life support and survivable equipment space are grossly undersized for both the A-10 and the C-27 to share. ADDITIONAL: 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. AT/FP requirements have been considered in the development of this project. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard					

1. COMPONENT ANG	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2011
3. INSTALLATION AND LOCATION MARTIN STATE AIRPORT, MARYLAND		
5. PROJECT TITLE TFI - C-27 CONVERSION - SQUADRON OPERATIONS FACILITY	7. PROJECT NUMBER PJMS099091	
<p>National Guard requirements. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05) and Executive Order 2802, Executive Order 13423, and other applicable laws and executive orders. 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. A certificate of exemption is available.</p> <p>SQUADRON OPERATIONS AREA 1,133 SM = 12,196 SF</p>		

1. COMPONENT ANG	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2011																												
3. INSTALLATION AND LOCATION MARTIN STATE AIRPORT, MARYLAND																														
5. PROJECT TITLE TFI - C-27 CONVERSION - SQUADRON OPERATIONS FACILITY	7. PROJECT NUMBER PJMS099091																													
<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>OCT 2010</td> </tr> <tr> <td>(b) Parametric Cost Estimates used to develop costs</td> <td>YES</td> </tr> <tr> <td>(c) Percent Complete as of Jan 2011</td> <td>35%</td> </tr> <tr> <td>* (d) Date 35% Designed</td> <td>JAN 2011</td> </tr> <tr> <td>(e) Date Design Complete</td> <td>DEC 2011</td> </tr> <tr> <td>(f) Type of Design Contract</td> <td>STD</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>259</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td>134</td> </tr> <tr> <td>(c) Total</td> <td>393</td> </tr> <tr> <td>(d) Contract</td> <td>393</td> </tr> <tr> <td>(e) In-House</td> <td></td> </tr> </table> <p>(4) Contract Award (Month/Year) JUL 2012</p> <p>(5) Construction Start AUG 2012</p> <p>(6) Construction Completion AUG 2013</p> <p>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p> <p>POINT OF CONTACT: Ralph Conte (301) 836-8137</p>			(a) Date Design Started	OCT 2010	(b) Parametric Cost Estimates used to develop costs	YES	(c) Percent Complete as of Jan 2011	35%	* (d) Date 35% Designed	JAN 2011	(e) Date Design Complete	DEC 2011	(f) Type of Design Contract	STD	(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	259	(b) All Other Design Costs	134	(c) Total	393	(d) Contract	393	(e) In-House	
(a) Date Design Started	OCT 2010																													
(b) Parametric Cost Estimates used to develop costs	YES																													
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(f) Type of Design Contract	STD																													
(g) Energy Study/Life-Cycle analysis was/will be performed	YES																													
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(b) All Other Design Costs	134																													
(c) Total	393																													
(d) Contract	393																													
(e) In-House																														

1. COMPONENT ANG	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2011
3. INSTALLATION AND LOCATION OTIS ANG BASE, MASSACHUSETTS			4. PROJECT TITLE TFI - CNAF BEDDOWN - UPGRADE FACILITY	
5. PROGRAM ELEMENT 52672F	6. CATEGORY CODE 610-285	7. PROJECT NUMBER SPBN079047	8. PROJECT COST(\$000) \$7,800	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
TFI- CNAF BEDDOWN- UPGRADE FACILITIES	SM	2,987		6,504
RENOVATE CLASSIFIED WORK SPACE	SM	618	1,873	(1,158)
CONSTRUCT OPS WORK SPACE	SM	251	3,444	(864)
RENOVATE ADMINISTRATIVE AREA	SM	2,118	1,184	(2,508)
REPAIR ROOF AND EXTERIOR	LS			(1,018)
REPAIR UTILITIES	LS			(800)
SDD%EPACT05(2% FOR LEED CERT/ENERGY CONSERV)	LS			(156)
SUPPORTING FACILITIES				460
SITE IMPROVEMENTS	LS			(30)
PAVEMENTS	LS			(85)
UTILITIES	LS			(70)
COMMUNICATIONS SUPPORT	LS			(150)
PASSIVE FORCE PROTECTION	LS			(125)
SUBTOTAL				6,964
CONTINGENCY (5%)				348
TOTAL CONTRACT COST				7,312
SUPERVISION, INSPECTION AND OVERHEAD (6%)				439
TOTAL REQUEST				7,751
TOTAL REQUEST (ROUNDED)				7,800
10. Description of Proposed Construction: Renovate and alter both building 165 and 162 to achieve final operational capability (FOC) for 102d Intelligence Wing cNAF augmentation unit. Alter building 165 to accommodate classified work space and administrative space. Complete second floor in building 165. Interior building systems shall include an open floor plan with office and shop areas to support workspaces divided by demountable systems-furniture style partitions. Re-side exterior to correct deficiencies and match base architectural style. Repair and renovate building 162's and 165's interior walls and partitions, utility systems, construct raised flooring HVAC, fire protection and suppression, ceilings, wall coatings and finishes. Repair built-up roofing systems to pitched standing seam metal roof. Windows, doors and exterior site layouts are to meet Anti-Terrorism/Force Protection requirements. Provide allied support and electrical switch gear. Portions of these facilities require certification as a Sensitive Compartmented Information Facility (SCIF) and require all work as necessary to accommodate SCIF criteria and meet the requirements of Director of Central Intelligence Directive (DCID) 6/9. Air Conditioning: 210 KW.				
11. REQUIREMENT: 3,047 SM ADEQUATE: 60 SM SUBSTANDARD: 2,987 SM PROJECT: TFI - cNAF Beddown - Upgrade Facility (New Mission) REQUIREMENT: The base requires an adequately sized and appropriately configured space for the establishment of a Component Numbered Air Force (cNAF) Air Operations Center (AOC) augmentation unit of 141 personnel. The cNAF includes functional elements responsible for plans, operations, intelligence, and communications-electronics. The functional spaces will contain a Sensitive Compartmental Information Facility (SCIF) and a Combat Operations floor with a battle lab that contains real time projection of digital intelligence and administrative support areas. The cNAF is required to provide Combatant Commanders with a ready-to-act command and control capability for contingency operations using intelligence and imagery.				

1. COMPONENT ANG	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2011
3. INSTALLATION AND LOCATION OTIS ANG BASE, MASSACHUSETTS		
5. PROJECT TITLE TFI - CNAF BEDDOWN - UPGRADE FACILITIES		7. PROJECT NUMBER SPBN079047
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		DEC 2010
(b) Parametric Cost Estimates used to develop costs		Yes
(c) Percent Complete as of Jan 2011		35%
* (d) Date 35% Designed		JAN 2011
(e) Date Design Complete		
(f) Type of Design Contract		STD
(g) Energy Study/Life-Cycle analysis was/will be performed		Yes
(2) Basis:		
(a) Standard or Definitive Design -		No
(b) Where Design Was Most Recently Used -		
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		468
(b) All Other Design Costs		234
(c) Total		770
(d) Contract		0
(e) In-House		
(4) Contract Award (Month/Year)		MAR 2012
(5) Construction Start		APR 2012
(6) Construction Completion		OCT 2013
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.		
b. Equipment associated with this project will be provided from other appropriations:		N/A
POINT OF CONTACT: Ralph Conte (301) 836-8137		

1. COMPONENT ANG	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2011	
3. INSTALLATION AND LOCATION SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT, OHIO			4. PROJECT TITLE ALTER PREDATOR OPERATIONS CENTER FACILITY		
5. PROGRAM ELEMENT 53219F	6. CATEGORY CODE 149-511	7. PROJECT NUMBER WAAR109001	8. PROJECT COST(\$000) \$6,700		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
ALTER PREDATOR OPERATIONS CENTER FACILITY		SM	2,861		5,063
ALTER OPERATIONS CENTER		SM	2,861	1,733	(4,958)
SDD&EPACT05(2% FOR LEED CERT/ENERGY CONSERV)		LS			(105)
SUPPORTING FACILITIES					955
UTILITIES		LS			(60)
PAVEMENTS		LS			(10)
SITE IMPROVEMENTS		LS			(15)
STANDBY GENERATOR/POWER SUPPLY		LS			(300)
PASSIVE FORCE PROTECTION		LS			(105)
COMMUNICATIONS SUPPORT		LS			(150)
DESIGN BUILD (5%)		LS			(315)
SUBTOTAL					6,018
CONTINGENCY (5%)					<u>301</u>
TOTAL CONTRACT COST					6,319
SUPERVISION, INSPECTION AND OVERHEAD (6%)					<u>379</u>
TOTAL REQUEST					6,698
TOTAL REQUEST (ROUNDED)					6,700
10. Description of Proposed Construction: Convert and renovate building 146. Reconfigure interior partitions and upgrade finishes and utilities to include walls, floors, ceilings, communications, electrical and lighting, heating, ventilation, air conditioning, alarm and camera systems, security lighting, fire protection and suppression systems, plumbing, and security alarms. Interior will be configured for open-office workspaces divided by demountable systems-furniture style partitions; facility will be prewired to support systems furniture and necessary supporting utilities. Provide backup electrical generator, fuel tank, grounding rods and points, floor mounted tie-down rings, and wiring racks to accept a unit/user-provided Uninterruptible Power Supply (UPS). Install raised flooring as required. Modify facility and obtain documentation needed to achieve Sensitive Compartmented Information Facility (SCIF) accreditation. Air Conditioning: 350 KW.					
11. REQUIREMENT: 2,861 SM ADEQUATE: 0 SM SUBSTANDARD: 2,861 SM PROJECT: Alter Predator Operations Center Facility (New Mission) REQUIREMENT: Springfield Air National Guard Base has been selected as a beddown site for a Predator Operations Squadron (POS). The base requires a properly sized and configured facility to support five Ground Control Stations (GCS), three permanent and two deployable; a Predator Operations Center (POC), a Primary Predator Satellite Link (PPSL) location, and a Predator Squadron Operations area. The mission requires robust and redundant communications support with connectivity to two communications switches. Communications requirements include Non-Secure Internet Protocol Router Network (NIPRNET), SECRET Internet Protocol Router Network (SIPRNET) Joint Worldwide Intelligence Communications System (JWICS), Defense Switched Network (DSN), and video-link capabilities. POC spaces include: administrative spaces, latrine facilities, minor break area, a controlled entry space, communications closet, and a critical SCIF function. All Predator facilities require redundant communications connectivity which will require extension and looping of communications lines and switches. Full operational capability (FOC) for the mission is planned for					

1. COMPONENT ANG	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2011
3. INSTALLATION AND LOCATION SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT, OHIO		
5. PROJECT TITLE ALTER PREDATOR OPERATIONS CENTER FACILITY	7. PROJECT NUMBER WAAR109001	
<p>FY 2013. The allocation of space within this facility is as follows: 186 SM (2,000 SF) for the base communications switch room; 186 SM (2,000 SF) for one mobile Ground Control Station (GCS); 98 SM (1,000 SF) for two fixed GCSs; 186 SM (2,000 SF) for simulator operations and training; 893 SM (9,000 SF) for the 1 plus 2 orbit POC to support the mission operations; and 1561 SM (16,800 SF) for squadron operations and support activities.</p> <p><u>CURRENT SITUATION:</u> The F-16 flying mission at Springfield was removed under BRAC 2005 recommendation. A site survey and site activation task force conducted in June 2010 identified building 146 as the best and most economical space to be upgraded and converted for the Predator mission. Building 146 was used as the F-16 Squadron Operations facility and also as the F-16 school house. The facility is correctly sited for the F-16 mission, however the facility interior requires significant work to adapt the space to the security and operational space of the Predator mission. The building does not have the required communications and security systems. The interior room configuration is not compatible with the Predator mission and the building does not have the required back up and standby power.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Predator Remotely Piloted Vehicle system beddown can not occur by the required FOC date. No other existing facility can accommodate the mission within this timeline. Communication support cannot be provided to any other existing or non-existing facility in the time required. Forced use of existing facilities without appropriate conversion/reconfiguration would not accommodate mission requirements and would result in security violations due to the high sensitivity of this mission. The Air Force will not be able to meet the requirement to provide 65 combat air patrols by the end of 2013.</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. Antiterrorism/Force Protection requirements have been considered in the development of this project. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition costs will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2802, Executive Order 13423, and other applicable laws and Executive Orders. Mission requirements, operational considerations and location are incompatible with use by other components. Project will be executed via design-build. An economic analysis is being prepared comparing the alternatives of new construction, revitalization, and status quo operation.</p> <p>ALTER OPERATIONS CENTER 2,861 SM = 30,800 SF</p>		

1. COMPONENT ANG	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2011
3. INSTALLATION AND LOCATION SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT, OHIO		
5. PROJECT TITLE ALTER PREDATOR OPERATIONS CENTER FACILITY		7. PROJECT NUMBER WAAR109001
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		AUG 2010
(b) Parametric Cost Estimates used to develop costs		No
(c) Percent Complete as of Jan 2011		15%
* (d) Date 35% Designed		MAR 2011
(e) Date Design Complete		OCT 2011
(f) Type of Design Contract		
(g) Energy Study/Life-Cycle analysis was/will be performed		YES
(2) Basis:		
(a) Standard or Definitive Design -		No
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		355
(b) All Other Design Costs		182
(c) Total		537
(d) Contract		537
(e) In-House		
(4) Contract Award (Month/Year)		MAR 2012
(5) Construction Start		APR 2012
(6) Construction Completion		APR 2013
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.		
b. Equipment associated with this project will be provided from other appropriations:		N/A
POINT OF CONTACT: Mark Mittler (301) 836-8712		

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2012

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD
PROGRAM 313: PLANNING AND DESIGN \$12,225,000

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 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2011	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS			4. PROJECT TITLE PLANNING AND DESIGN		
5. PROGRAM ELEMENT 52276F	6. CATEGORY CODE 999-999	7. PROJECT NUMBER AAAA120001	8. PROJECT COST(\$000) \$12,225		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PLANNING AND DESIGN (P-313)		LS			12,225
SUBTOTAL					12,225
TOTAL CONTRACT COST					12,225
TOTAL REQUEST					12,225
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. The FY 2012 design funds are needed to complete the design for those projects that are to be included in the FY 2012 MILCON program and to begin the design for those projects to be included in the FY 2013 program. Funds also provide for design of the FY 2012 unspecified minor construction program. <u>CURRENT SITUATION:</u> The ANG requires the design money in FY 2012 to ensure the design milestones for the FY 2012 and FY 2013 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 2012

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD
PROGRAM 341: UNSPECIFIED MINOR CONSTRUCTION \$9,000,000

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 \$2,000,000, 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 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2011	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS			4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION		
5. PROGRAM ELEMENT 52276F	6. CATEGORY CODE 999-999	7. PROJECT NUMBER AAAA120002	8. PROJECT COST(\$000) \$9,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UNSPECIFIED MINOR CONSTRUCTION (P-341)		LS			9,000
SUBTOTAL					9,000
TOTAL CONTRACT COST					9,000
TOTAL REQUEST					9,000
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 \$2,000,000. 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 \$2,000,000. The project requirements are anticipated to arise during late FY 2011 or FY 2012, 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 2012 MILCON program and the projects cannot wait for the FY 2013 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 2012**

SECTION III

INSTALLATION DATA

1. COMPONENT ANG	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2011																			
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, MARYSVILLE, CALIFORNIA				4. AREA CONSTR COST INDEX 1.27																			
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training, daily use by technician/AGR force and for training. Classic Association of ANG personnel for Space and AFISRA missions.																							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS None																							
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2012 <table border="1"> <thead> <tr> <th data-bbox="203 621 354 684">CATEGORY <u>CODE</u></th> <th data-bbox="354 621 797 684"><u>PROJECT TITLE</u></th> <th data-bbox="797 621 1040 684"><u>SCOPE</u></th> <th data-bbox="1040 621 1203 684">COST <u>\$(000)</u></th> <th colspan="2" data-bbox="1203 621 1474 684"><u>DESIGN STATUS</u></th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <th data-bbox="1203 653 1317 684"><u>START</u></th> <th data-bbox="1317 653 1474 684"><u>CMPL</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="203 716 354 747">610-249</td> <td data-bbox="354 716 797 747">Wing Operations and Training Facility</td> <td data-bbox="797 716 1040 747">1,003 SM (10,800 SF)</td> <td data-bbox="1040 716 1203 747">6,100</td> <td data-bbox="1203 716 1317 747">Aug 10</td> <td data-bbox="1317 716 1474 747">Dec 11</td> </tr> </tbody> </table>						CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	COST <u>\$(000)</u>	<u>DESIGN STATUS</u>						<u>START</u>	<u>CMPL</u>	610-249	Wing Operations and Training Facility	1,003 SM (10,800 SF)	6,100	Aug 10	Dec 11
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	COST <u>\$(000)</u>	<u>DESIGN STATUS</u>																			
				<u>START</u>	<u>CMPL</u>																		
610-249	Wing Operations and Training Facility	1,003 SM (10,800 SF)	6,100	Aug 10	Dec 11																		
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: The State Reserve Forces Facilities Board recommends the construction of a Wing Headquarters facility at Beale to complete the OCR converting the North Highlands units from Combat Communications Squadron and Group activities to the AFISRA and Space missions at Beale in a series of classic Associate missions. The end state manpower at Beale will be 449. The numbers on this DD1390 reflect the estimated result of the completing the OCR and the facility consolidate project to close North Highlands. 03 Mar 10																							
9. LAND ACQUISITION REQUIRED				None (Number of Acres)																			
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="1"> <thead> <tr> <th data-bbox="203 1430 354 1493">CATEGORY <u>CODE</u></th> <th data-bbox="354 1430 1122 1493"><u>PROJECT TITLE</u></th> <th data-bbox="1122 1430 1333 1493"><u>SCOPE</u></th> <th data-bbox="1333 1430 1474 1493">COST <u>\$(000)</u></th> </tr> </thead> <tbody> </tbody> </table>						CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	COST <u>\$(000)</u>														
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	COST <u>\$(000)</u>																				

1. COMPONENT ANG	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE February 2011		
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, MARYSVILLE, CALIFORNIA							
11. PERSONNEL STRENGTH AS OF 12 Aug 10							
	<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	112	10	102	0	449	33	416
ACTUAL	72	4	68	0	345	14	331
12. RESERVE UNIT DATA							
	<u>UNIT DESIGNATION</u>				<u>STRENGTH</u>		
					<u>AUTHORIZED</u>	<u>ACTUAL</u>	
	200 CW				45	0	
	200 ISRG				28	0	
	222 Intelligence Support Squadron				63	61	
	222 Operations Support Squadron				40	31	
	222 CMXF				30	30	
	234 Intelligence Squadron				106	100	
	200 SSF				12	0	
	149 CMXS				105	123	
	1Dt SPG				20	0	
			TOTALS		449	345	
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ASSIGNED</u>	
14. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2012							
CATEGORY	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>CST</u>	<u>DESIGN STATUS</u>			
<u>CODE</u>			<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>		
NONE							

1. COMPONENT ANG	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2011																			
3. INSTALLATION AND LOCATION MOFFETT FIELD (NASA), SAN JOSE, (ANG), CALIFORNIA				4. AREA CONSTR COST INDEX 1.23																			
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly unit training 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 Air Force Base, Two Army National Guard Units, 9 Army Reserve Centers, and one Navy/Marine Reserve Centers.																							
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2012 <table border="1"> <thead> <tr> <th colspan="2">CATEGORY</th> <th rowspan="2">PROJECT TITLE</th> <th rowspan="2">SCOPE</th> <th rowspan="2">COST \$(000)</th> <th colspan="2">DESIGN STATUS</th> </tr> <tr> <th>CODE</th> <th></th> <th>START</th> <th>CMPL</th> </tr> </thead> <tbody> <tr> <td>141-185</td> <td></td> <td>Replace Pararescue Training Facility</td> <td>4,529 SM (48,750 SF)</td> <td>26,000</td> <td>May 09</td> <td>Sep 11</td> </tr> </tbody> </table>						CATEGORY		PROJECT TITLE	SCOPE	COST \$(000)	DESIGN STATUS		CODE		START	CMPL	141-185		Replace Pararescue Training Facility	4,529 SM (48,750 SF)	26,000	May 09	Sep 11
CATEGORY		PROJECT TITLE	SCOPE	COST \$(000)	DESIGN STATUS																		
CODE					START	CMPL																	
141-185		Replace Pararescue Training Facility	4,529 SM (48,750 SF)	26,000	May 09	Sep 11																	
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 03 Mar 10 (Date)																							
9. LAND ACQUISITION REQUIRED				None (Number of Acres)																			
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="1"> <thead> <tr> <th colspan="2">CATEGORY</th> <th rowspan="2">PROJECT TITLE</th> <th rowspan="2">SCOPE</th> <th rowspan="2">COST \$(000)</th> </tr> <tr> <th>CODE</th> <th></th> </tr> </thead> <tbody> <tr> <td colspan="5">R&M Unfunded Requirement: \$6,260,000</td> </tr> </tbody> </table>						CATEGORY		PROJECT TITLE	SCOPE	COST \$(000)	CODE		R&M Unfunded Requirement: \$6,260,000										
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CODE																							
R&M Unfunded Requirement: \$6,260,000																							

1. COMPONENT ANG	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2011
---------------------	----------------------------------------------------	--------------------------

3. INSTALLATION AND LOCATION

MOFFETT FIELD (NASA), SAN JOSE, (ANG), CALIFORNIA

11. PERSONNEL STRENGTH AS OF 21 Jun 10

	<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	119	20	99	0	990	155	835
ACTUAL	293	50	240	3	889	118	771

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
129 Operations Group	11	11
129 Operations Support Flight	29	25
129 Rescue Squadron	53	52
130 Rescue Squadron	71	68
131 Rescue Squadron	77	63
129 Maintenance Group	17	13
129 Aircraft Maintenance Squadron	99	95
129 Maintenance Operations Flight	19	8
129 Mission Support Group	8	9
129 Civil Engineering Flight	14	17
129 Communications Flight	31	36
129 Logistics Readiness Squadron	115	116
129 Force Support Squadron	32	33
129 Security Forces Squadron	74	74
129 Services Flight	0	0
129 Student Flight	24	6
561 Air Force Band	36	30
129 Medical Group	45	44
129 Rescue Wing	57	50
129 Maintenance Squadron	178	139
TOTALS	990	889

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
MC-130	4	4
HH-60	6	5
Support Equipment	138	127
Vehicle Equivalents	210	210

14. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2012

<u>CATEGORY</u>			<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 2012 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2011																													
3. INSTALLATION AND LOCATION JOINT BASE PEARL HARBOR - HICKAM, HONOLULU, HAWAII				4. AREA CONSTR COST INDEX 2.23																													
5. FREQUENCY AND TYPE OF UTILIZATION One Unit Training Assembly per month, 15 days annual field training per year, daily use by technician/AGR force for training. Associate FW with AD as of FY10. ASA augmented by F-15 120th FW, MT thru 2014.																																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS 2 Army Installations, 1 Army Facility, 1 Air Force Base, 1 Air Force Reserve, 1 Naval Installations, 1 Marine Corps Reserve Center, 4 Army National Guard Installations, 1 Air National Guard																																	
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2012 <table border="1"> <thead> <tr> <th colspan="2">CATEGORY</th> <th rowspan="2">SCOPE</th> <th rowspan="2">COST \$(000)</th> <th colspan="2">DESIGN STATUS</th> </tr> <tr> <th>CODE</th> <th>PROJECT TITLE</th> <th>START</th> <th>CMPL</th> </tr> </thead> <tbody> <tr> <td>171-212</td> <td>TFI - F-22 Flight Simulator Facility</td> <td>2,215 SM (23,847 SF)</td> <td>19,800</td> <td>Nov 09</td> <td>Aug 11</td> </tr> <tr> <td>171-875</td> <td>TFI - F-22 Weapons Load Crew Training Facility</td> <td>915 SM (9,850 SF)</td> <td>7,000</td> <td>Jan 11</td> <td>Sep 11</td> </tr> <tr> <td>113-321</td> <td>TFI - F-22 Combat Aircraft Parking Apron</td> <td>15,050 SM (18,000 SY)</td> <td>12,721</td> <td>Oct 08</td> <td>Sep 11</td> </tr> </tbody> </table>						CATEGORY		SCOPE	COST \$(000)	DESIGN STATUS		CODE	PROJECT TITLE	START	CMPL	171-212	TFI - F-22 Flight Simulator Facility	2,215 SM (23,847 SF)	19,800	Nov 09	Aug 11	171-875	TFI - F-22 Weapons Load Crew Training Facility	915 SM (9,850 SF)	7,000	Jan 11	Sep 11	113-321	TFI - F-22 Combat Aircraft Parking Apron	15,050 SM (18,000 SY)	12,721	Oct 08	Sep 11
CATEGORY		SCOPE	COST \$(000)	DESIGN STATUS																													
CODE	PROJECT TITLE			START	CMPL																												
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9. LAND ACQUISITION REQUIRED				None (Number of Acres)																													
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CATEGORY	PROJECT TITLE	SCOPE	COST \$(000)																														
	R&M Unfunded Requirement: \$4,420,000																																

1. COMPONENT ANG	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE February 2011	
3. INSTALLATION AND LOCATION						
JOINT BASE PEARL HARBOR - HICKAM, HONOLULU, HAWAII						
11. PERSONNEL STRENGTH AS OF 01 Jul 10						
	<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	1,711	223 1,488
ACTUAL	633	72	561	0	1,608	151 1,457
12. RESERVE UNIT DATA						
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>				
		<u>AUTHORIZED</u>		<u>ACTUAL</u>		
	154 Medical Squadron	76		62		
	154 Weather Group	75		66		
	154 Aircraft Generation Squadron	303		297		
	154 Civil Engineering Squadron	66		70		
	154 Communications Flight	42		49		
	154 Logistics Group	33		29		
	154 Logistics Readiness Squadron	121		105		
	154 Logistics Support Flight	50		47		
	154 Mission Support Flight	34		31		
	154 Aircraft 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		
	199 Fighter Squadron	39		39		
	199 Weather Flight	12		12		
	201 Combat Communications Group	39		33		
	204 AS	59		48		
	293 Combat Communications Squadron	129		118		
	203 Air Refueling Squadron	<u>62</u>		<u>44</u>		
	TOTALS	1,711		1,608		
13. MAJOR EQUIPMENT AND AIRCRAFT						
	<u>TYPE</u>	<u>AUTHORIZED</u>		<u>ASSIGNED</u>		
	F-22 AIRCRAFT	21		4		
	KC-135R Aircraft	8		9		
	Support Equipment	512		509		
	Vehicle Equivalents			820		
14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2012						
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 2012 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2011
3. INSTALLATION AND LOCATION FORT WAYNE INTERNATIONAL AIRPORT, FORT WAYNE, INDIANA			4. AREA CONSTR COST INDEX .96	
5. FREQUENCY AND TYPE OF UTILIZATION One Unit Training Assemblies per month, 15 days annual field training per year, daily use by technician/AGR force and training.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS 1 Army National Guard Armory, 1 Army Reserve Facility, 1 Marine Reserve Facility				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2012				
CATEGORY				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> \$(000)	<u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u>
216-642	A-10 Facility Conversion - Munitions Complex	961 SM (10,350 SF)	4,000	Aug 10 Oct 11
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 06 Jan 10 (Date)				
9. LAND ACQUISITION REQUIRED			<u>None</u> (Number of Acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> \$(000)	
218-712	ASE and Weapons Release Facilities	2,415 SM (26,000 SF)	7,000	
130-142	Add To Fire Crash/Rescue Station, Bldg 770	771 SM (8,300 SF)	2,000	
R&M Unfunded Requirement: \$6,105,000				

1. COMPONENT ANG	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2011			
3. INSTALLATION AND LOCATION FORT WAYNE INTERNATIONAL AIRPORT, FORT WAYNE, INDIANA							
11. PERSONNEL STRENGTH AS OF 01 Jun 10							
	<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	312	28	284	0	1,052	104	948
ACTUAL	312	28	284	0	1,077	95	982
12. RESERVE UNIT DATA							
	<u>UNIT DESIGNATION</u>		<u>STRENGTH</u>				
			<u>AUTHORIZED</u>	<u>ACTUAL</u>			
	122 Fighter Wing		54	53			
	122 Mission Support Group		8	7			
	122 Force Support Squadron		39	48			
	122 Security Forces Squadron		74	91			
	122 Civil Engineering Squadron		93	107			
	122 Communications Flight		34	45			
	122 Medical Group		48	48			
	122 Maintenance Group		20	20			
	122 Maintenance Squadron		256	255			
	122 Aircraft Maintenance Squadron		232	212			
	122 Maintenance Operations Flight		24	25			
	122 Logistics Readiness Squadron		77	85			
	122 Operations Group		3	3			
	163 Fighter Squadron		46	50			
	122 Operations Support Flight		26	28			
	122 Student Flight		<u>18</u>	<u>0</u>			
		TOTALS	<u>1,052</u>	<u>1,077</u>			
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>				
	F-16 C/D Aircraft	24	21				
	Support Equipment	187	187				
	Vehicle Equivalents	257	257				
	Vehicles	97	97				
14. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2012							
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 2012 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2011
3. INSTALLATION AND LOCATION MARTIN STATE AIRPORT, BALTIMORE, MARYLAND				4. AREA CONSTR COST INDEX .94
5. FREQUENCY AND TYPE OF UTILIZATION Daily use by technician/AGR force and for training. Night flying operations 2-3 nights per week. Four (4) Unit Training Assembly periods (1 weekend drill) per month. Fifteen (15) days Annual Training per person per year.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS Aberdeen Proving Ground, USCG Yard, Curtis Bay, Belair Armory, Belair, 5th Regiment Armory, USMC Reserve Center, Melvin Cade Armory, Gunpowder State Mil Reservation, Parkville Armory, Ruhl Armory				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2012				
CATEGORY				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> \$(000)	<u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u>
141-753	TFI - C-27 Conversion - Squadron Operations Facility	1,133 SM (12,200 SF)	4,900	Oct 10 Dec 11
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 28 Jul 10 (Date)				
9. LAND ACQUISITION REQUIRED				<u>None</u> (Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> \$(000)	
211-152	TFI - C-27 Conversion - Aircraft Maintenance Complex	3,791 SM (40,800 SF)	12,400	
R&M Unfunded Requirement: \$7,490,000				

1. COMPONENT ANG	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE February 2011	
3. INSTALLATION AND LOCATION						
MARTIN STATE AIRPORT, BALTIMORE, MARYLAND						
11. PERSONNEL STRENGTH AS OF 01 Jun 10						
	<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	471	23	448	0	1,515	217 1,298
ACTUAL	449	18	431	0	1,477	198 1,279
12. RESERVE UNIT DATA						
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>					
	<u>AUTHORIZED</u>	<u>ACTUAL</u>				
175 Airlift Wing	56	63				
175 Operations Group	15	6				
104 Fighter Squadron	52	42				
175 Operations Support Flight	16	24				
135 Airlift Group	23	17				
135 Airlift Squadron	73	73				
135 Operations Support Flight	18	23				
135 Aircraft Maintenance Squadron	52	40				
135 Maintenance Squadron	147	109				
135 Maintenance Operations Flight	20	14				
175 Maintenance Group	22	19				
175 Maintenance Operations Flight	22	19				
175 Maintenance Squadron	254	175				
175 Aircraft Maintenance Squadron	162	134				
175 Mission Support Group	12	11				
175 Civil Engineering Squadron	106	103				
175 Security Forces Squadron	116	130				
175 Communications Squadron	31	49				
175 Logistics Readiness Squadron	137	154				
175 Force Support Squadron	65	61				
175 Student Flight	20	116				
175 Medical Group	56	60				
235 Civil Engineering Flight	40	35				
	<u>TOTALS</u>	<u>1,515</u>	<u>1,477</u>			
13. MAJOR EQUIPMENT AND AIRCRAFT						
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>				
Vehicles	110	107				
C-27	4					
A-10C PAA	18	21				
Support Equipment	333	307				
Vehicle Equivalents	367	352				
C-130 J PAA		6				
14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2012						
<u>CATEGORY</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>CST</u>	<u>DESIGN STATUS</u>		
<u>CODE</u>			<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>	
NONE						

1. COMPONENT ANG	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2011													
3. INSTALLATION AND LOCATION OTIS ANG BASE, FALMOUTH, MASSACHUSETTS				4. AREA CONSTR COST INDEX 1.12													
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by active duty reservists and technicians in support of day-to-day mission and training requirements.																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS Camp Edwards, Army National Guard installation adjacent to Otis ANGB, Cape Cod Air Force Station, Coast Guard Air Station Cape Cod																	
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2012 <table border="1"> <thead> <tr> <th data-bbox="203 621 354 684">CATEGORY <u>CODE</u></th> <th data-bbox="354 621 792 684"><u>PROJECT TITLE</u></th> <th data-bbox="792 621 1040 684"><u>SCOPE</u></th> <th data-bbox="1040 621 1203 684">COST <u>\$(000)</u></th> <th colspan="2" data-bbox="1203 621 1476 684"><u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="203 716 354 747">610-285</td> <td data-bbox="354 716 792 768">TFI - cNAF Beddown - Upgrade Facilities</td> <td data-bbox="792 716 1040 747">2,987 SM (32,156 SF)</td> <td data-bbox="1040 716 1203 747">7,800</td> <td data-bbox="1203 716 1312 747">Dec 10</td> <td data-bbox="1312 716 1476 747">Mar 12</td> </tr> </tbody> </table>						CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	COST <u>\$(000)</u>	<u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u>		610-285	TFI - cNAF Beddown - Upgrade Facilities	2,987 SM (32,156 SF)	7,800	Dec 10	Mar 12
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	COST <u>\$(000)</u>	<u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u>													
610-285	TFI - cNAF Beddown - Upgrade Facilities	2,987 SM (32,156 SF)	7,800	Dec 10	Mar 12												
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 30 Mar 10 (Date)																	
9. LAND ACQUISITION REQUIRED				None (Number of Acres)													
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="1"> <thead> <tr> <th data-bbox="203 1430 354 1493">CATEGORY <u>CODE</u></th> <th data-bbox="354 1430 1089 1493"><u>PROJECT TITLE</u></th> <th data-bbox="1089 1430 1338 1493"><u>SCOPE</u></th> <th data-bbox="1338 1430 1476 1493">COST <u>\$(000)</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="203 1528 354 1560">730-839</td> <td data-bbox="354 1528 1089 1629">Security Improvements - Establish Enclave R&M Unfunded Requirement: \$12,910,000</td> <td data-bbox="1089 1528 1338 1560">177 SM (1,900 SF)</td> <td data-bbox="1338 1528 1476 1560">2,550</td> </tr> </tbody> </table>						CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	COST <u>\$(000)</u>	730-839	Security Improvements - Establish Enclave R&M Unfunded Requirement: \$12,910,000	177 SM (1,900 SF)	2,550				
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	COST <u>\$(000)</u>														
730-839	Security Improvements - Establish Enclave R&M Unfunded Requirement: \$12,910,000	177 SM (1,900 SF)	2,550														

1. COMPONENT ANG	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE February 2011	
3. INSTALLATION AND LOCATION						
OTIS ANG BASE, FALMOUTH, MASSACHUSETTS						
11. PERSONNEL STRENGTH AS OF 02 Jul 10						
	<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	411	55	268	88	1,053	166 887
ACTUAL	389	44	256	89	974	123 851
12. RESERVE UNIT DATA						
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>				
		<u>AUTHORIZED</u>		<u>ACTUAL</u>		
	102 Intelligence Wing	58		46		
	102 Air Operations Center	149		111		
	101 Intelligence Squadron	217		170		
	102 Intelligence Support Squadron	78		60		
	102 Intelligence Group	20		14		
	102 Operations Support Squadron	54		43		
	102 Medical Group	62		52		
	202 Weather Flight	15		12		
	102 Logistics Readiness Squadron	28		34		
	102 Mission Support Group	8		5		
	102 Force Support Squadron	27		31		
	102 Civil Engineering Squadron	66		62		
	102 Security Forces Squadron	87		79		
	102 Communications Flight	20		16		
	267 Combat Communications Squadron	105		86		
	253 Combat Communications Group	38		35		
	102 Student Flight	<u>21</u>		<u>118</u>		
	TOTALS	1,053		974		
13. MAJOR EQUIPMENT AND AIRCRAFT						
	<u>TYPE</u>	<u>AUTHORIZED</u>		<u>ASSIGNED</u>		
	Vehicle Equivalents	366				
	Vehicles	166		147		
14. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2012						
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 2012 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2011																			
3. INSTALLATION AND LOCATION SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT, SPRINGFIELD, OHIO				4. AREA CONSTR COST INDEX .93																			
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 Armed Forces Reserve Center. One Air Force Base.																							
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2012																							
<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>149-511</td> <td>Alter Predator Operations Center Facility</td> <td>2,861 SM (30,800 SF)</td> <td>6,700</td> <td>Aug 10</td> <td>Oct 11</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>	149-511	Alter Predator Operations Center Facility	2,861 SM (30,800 SF)	6,700	Aug 10	Oct 11
CATEGORY			COST	DESIGN STATUS																			
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>																		
149-511	Alter Predator Operations Center Facility	2,861 SM (30,800 SF)	6,700	Aug 10	Oct 11																		
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 26 Aug 10 (Date)																							
9. LAND ACQUISITION REQUIRED				None (Number of Acres)																			
10. PROJECTS PLANNED IN NEXT FOUR YEARS																							
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CATEGORY			COST																				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>																				
141-753	Convert Intel Ops Facility	3,476 SM (37,410 SF)	6,200																				
R&M Unfunded Requirement: \$2,440,000																							

1. COMPONENT ANG	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2011
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3. INSTALLATION AND LOCATION

SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT, SPRINGFIELD, OHIO

11. PERSONNEL STRENGTH AS OF 19 Jun 10

	<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	520	47	462	11	910	109	801
ACTUAL	476	50	415	11	1,144	111	1,033

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
162 Fighter Squadron	39	40
178 Civil Engineering Squadron	43	43
178 Communication Flight	34	42
178 Fighter Wing	53	67
178 Logistics Readiness Squadron	77	98
178 Medical Group	45	58
178 Maintenance Operations Flight	21	31
178 Mission Support Flight	49	55
178 Mission Support Group	10	9
178 Maintenance Group	15	18
178 Maintenance Squadron	157	183
178 Operations Group	4	4
178 Operations Support Flight	24	22
178 Security Forces Squadron	74	92
178 DET1	20	75
251 Combat Communications Group	38	53
269 Combat Communications Squadron	105	131
178 Aircraft Maintenance Squadron	<u>102</u>	<u>123</u>
TOTALS	910	1,144

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
Aircraft		
Vehicle Equivalents	391	392
Vehicles	183	184

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2012

<u>CATEGORY</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>CST</u> <u>\$(000)</u>	<u>DESIGN STATUS</u>	
				<u>START</u>	<u>CMPL</u>
N/A	POL Spill, Installation Restoration	TBD	1,570	N/A	Design Build

**DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2012**

SECTION IV

FUTURE YEARS DEFENSE PLAN (FYDP)

FISCAL YEAR LISTING

Air National Guard
Fiscal Years Defense Plan (FDP)

MAJCOM	FY	APPN	Project Number	Installation	State	Project Title	Program Element	Facility Category Code	PROGRAM COST (\$000)	Change from FY11 PB	Explanation of Changes	Footprint
ANG	13	3830	BRKR009063	Birmingham International Airport	AL	Dining Hall and Security Forces Facility	52276F	703-835	11,000	0	New	New
ANG	13	3830	QMSN099051	Moffett Airfield (NASA)	CA	Force Protection Measures - Relocate Main Gate	52276F	730-839	2,000	2,756	Cost decrease	New
ANG	13	3830	JLW8069156	New Castle County Airport	DE	C-130 Aircraft Maintenance Shops, PH 1	52276F	211-187	8,700	2,800	Project phased	Existing
ANG	13	3830	LSGA019179	Jacksonville International Airport	FL	Replace Fire Crash/Rescue Station	52276F	130-142	9,300	0	New	New
ANG	13	3830	FFAN049064	Des Moines International Airport	IA	Corrosion Control Facility	52276F	211-159	5,142	442	Accelerated from FY15; Cost increase	New
ANG	13	3830	ATQZ069005	Fort Wayne International Airport	IN	ASE and Weapons Release Facilities	52276F	218-712	7,000	0	Deferred from FY12	New
ANG	13	3830	PJMS099092	Main State Airport	MD	TFI - C-27 Conversion - Aircraft Maintenance Complex	51138F	211-152	11,700	5,100	Deferred from FY12; Cost increase	Existing
ANG	13	3830	MBMV129020	W. K. Kellogg Airport	MI	TFI - C-27 Beddown - Aerial Port Composite Material Shop	51138F	171-873	1,400	0	New - Project Phased	Existing
ANG	13	3830	MDVL109150	Key Field	MS	TFI - C-27 Conversion - Aerial Port Composite Material Shop	51138F	171-873	2,200	0	New	Existing
ANG	13	3830	WKV8089082	Francis S. Gabreski Airport	NY	Add to and Alter Maintenance Complex	52276F	211-152	8,200	0	New	Existing
ANG	13	3830	WYTD029015	Toledo Express Airport	OH	Replace Security Forces Squadron	52276F	730-835	7,300	0	Accelerated from FY15	New
ANG	13	3830	BKTC089013	Nashville International Airport	TN	TFI - Establish C-130 FTU	54332F	171-211	6,900	0	New	Existing
ANG	13	3830	LYBH109056	Yeager Airport	WV	Consolidate AeroMed/Mobility/SF	58093F	171-449	11,000	0	New	Existing
ANG	13	3830	AAAA130002	Various Locations	--	TOTAL MAJOR CONSTRUCTION			91,842			
ANG	13	3830	AAAA130001	Various Locations	--	Unspecified Minor Construction	52276F	--	2,622	0		--
ANG	13	3830	AAAA130001	Various Locations	--	Planning and Design	52276F	--	1,852	(141)	Cost decrease	--
						GRAND TOTAL FY13 MILCON			96,316			
ANG	14	3830	FAKZ059173	Montgomery Regional Airport (ANGB)	AL	TFI - Replace Squadron Operations Facility	52276F	141-753	7,500	0	Accelerated from FY15	Existing
ANG	14	3830	NKAK099118	Little Rock Air Force Base	AR	Construct Fuel Cell and Corrosion Control	52276F	211-179	10,400	(300)	Accelerated from FY15; Cost decrease	New
ANG	14	3830	SACB119001	San Diego ANG Station	CA	Supply Warehouse	52276F	442-758	2,000	0	New	New
ANG	14	3830	CRWL069200	Buckley Air Force Bases	CO	Repair Taxiway Juba and Lima	52276F	112-211	4,000	0	Accelerated from FY15	Existing
ANG	14	3830	XDQL109069	Savannah Hilton Head IAP	GA	Consolidate CRTC AGE Facilities	52276F	218-712	1,350	0	New	Existing
ANG	14	3830	WEAS079054	Louisville International Airport - Standford Field	KY	Contingency Response Group (CRG) Facility, Phase 1	54123F	442-758	5,419	(5,781)	Accelerated from FY14; Project Phased	New
ANG	14	3830	RQLH079073	Naval Air Station Joint Reserve Base	LA	Replace Squadron Operations Facility	52276F	141-753	9,700	0	New	Existing
ANG	14	3830	AXQD059003	Barnes Municipal Airport	MA	Add to Maintenance Hangar	52276F	211-111	6,000	0	Deferred from FY12	Existing
ANG	14	3830	MBMV129012	W. K. Kellogg Airport	MI	TFI - C-27 Beddown - Fuel Cell Hangar	51138F	211-179	7,000	0	New - Project Phased	Existing
ANG	14	3830	FMKM089018	Duluth International Airport	MN	Load Crew Training and Weapon Release Shops	52276F	215-552	8,000	(248)	Cost decrease	Existing
ANG	14	3830	MDVL089021	Key Field	MS	TFI - Construct C-27 Training Facility	51138F	171-212	1,900	0	New	New
ANG	14	3830	KKGA109018	Hector International Airport	ND	TFI - C-27 Conversion - Fuel Cell/Corrosion Control & ASE Shop	51138F	211-179	4,200	0	New	Existing
ANG	14	3830	AORC069222	Atlantic City International Airport	NJ	Dining Hall and Services Facility	52276F	722-351	9,300	900	Cost increase	New
ANG	14	3830	AQRC059093	AQRC059093	NY	Fuel Cell and Corrosion Control Hangar	52276F	211-179	8,500	(300)	Cost decrease	New
ANG	14	3830	YBDM059563	Schenectady County Airport	NY	Replace Base Supply Warehouse	52276F	442-758	9,098	0	New	New
ANG	14	3830	BVGM092001	Blue Ash Airport	OH	Alter Vehicle Maintenance and Communications Facility	52276F	214-425	1,400	0	Accelerated from FY15	Existing
ANG	14	3830	LKLW099101	Fort Indiantown Gap ANG Station	PA	Replace Operations and Training and Dining Hall Facilities	58093F	722-351	7,600	300	Accelerated from FY15; Cost increase	New
ANG	14	3830	LUXC099042	Joe Foss Field	SD	Aircraft Maintenance Shops	52276F	217-712	12,800	3,800	Cost increase	New
ANG	14	3830	AAAA109005	TBD	TBD	Predator Operations Center	53219F	149-511	10,200	0	New	New
ANG	14	3830	AAAA017000	TBD	TBD	TFI - C-27 Flight Training Device (FTD)	51138F	171-617	3,200	0	New	Existing
ANG	14	3830	PSXE069050	McChesney Tyson Airport	TN	Force Protection Measures - Relocate Hobbs Road	52276F	851-147	6,500	2,100	Deferred from FY12; Cost increase	New
ANG	14	3830	CURZ059055	Burlington International Airport	VT	Widen Taxiway Delta and Replace Arm/Diskarm Pad	52276F	112-211	6,500	(1,500)	Accelerated from FY15; Cost decrease	New

Air National Guard
Fiscal Years Defense Plan (FDP)

MAJCOM	FY	APPN	Project Number	Installation	State	Project Title	Program Element	Facility Category Code	PROGRAM COST (\$000)	Change from FY11 PB	Explanation of Changes	Footprint
ANG	14	3830	HUTV089012	General Mitchell International Airport	WI	Replace Fire Station	52276F	130-142	8,300	0	Accelerated from FY15	New
ANG	14	3830	LYBH009133	Yeager Airport	WV	Replace Communications Training Facility	52276F	131-111	5,700	(550)	Accelerated from FY15; Cost decrease	New
ANG	14	3830	AAAA1400002	Various Locations	--	TOTAL MAJOR CONSTRUCTION	52276F	--	156,567	0		--
ANG	14	3830	AAAA1400001	Various Locations	--	Unspecified Minor Construction	52276F	--	1,614	0		--
						Planning and Design	52276F	--	1,384	(259)	Cost decrease	
						GRAND TOTAL FY14 MILCON			159,565			
ANG	15	3830	FTQW059901	Eielson Air Force Base	AK	Add to and Alter Communications Facility	52276F	131-111	6,500	0	Deferred from FY14	Existing
ANG	15	3830	CEKT119008	Bradley International Airport	CT	TFI - C-27 Beddown	51138F	211-111	14,700	5,100	Deferred from FY13; Cost increase	Existing
ANG	15	3830	JLWS109100	New Castle County Airport	DE	Add to and Alter Maintenance Shops; PH 2	52276F	218-712	3,500	0	New - Project phased	Existing
ANG	15	3830	VUBV109002	Smoky Hill ANG Range	KS	Range Training Support Facilities	52276F	171-471	10,000	0	Deferred from FY14	New
ANG	15	3830	WEAS119055	Louisville International Airport - Standford Field	KY	Contingency Response Group (CRG) Facility, Phase II	54123F	442-758	11,200	0	New - Project Phased	New
ANG	15	3830	FKNN059220	Bangor International Airport	ME	Add to and Alter Fire Crash/Rescue Station	52276F	130-142	7,200	0		Existing
ANG	15	3830	TDVQ49136	Alpena County Regional Airport	MI	Replace Troop Training Quarters - II	52276F	725-517	9,600	(400)	Cost decrease	New
ANG	15	3830	MBMV089025	W. K. Kellogg Airport	MI	TFI - C-27 Beddown - Maintenance Hangar and Shops	51138F	211-154	4,000	(1,500)	Deferred from FY13; Project Phased	New
ANG	15	3830	FIRP069093	Charlotte/Douglas International Airport	NC	Operations and Training Facility	52276F	171-445	6,145	0	New	New
ANG	15	3830	KKGA109020	Hector International Airport	ND	TFI - C-27 Beddown - Upgrade Hangar, Shops, & Squadron Ops	51138F	211-111	7,000	0	New	Existing
ANG	15	3830	PBXP109026	Mansfield Lahn Airport	OH	TFI - C-27 Conversion - Alter Maintenance Shops	51138F	211-152	2,400	(4,100)	Deferred from FY12; Project number change; Cost decrease	Existing
ANG	15	3830	NIJZ069111	Rickenbacker International Airport (ANG)	OH	Aircraft Support Equipment (ASE) Facility	52276F	218-712	1,000	0	Deferred from FY14	New
ANG	15	3830	KJAO099058	Klamath Falls Airport - Kingsley Field	OR	Replace Fire Station	52276F	130-142	7,000	(1,300)	Cost decrease	New
ANG	15	3830	TWLR059087	Quonset State Airport	RI	C-130 Parking Apron	52276F	113-321	1,800	0		Existing
ANG	15	3830	FWJH059016	Ellington Field	TX	Replace Security Forces Facility	52276F	730-835	5,800	0		New
ANG	15	3830	YAQP089008	Valk Field	WI	Add to and Alter Air Control Squadron Complex	52276F	171-447	8,100	0	New	Existing
ANG	15	3830	LYBH049066	Yeager Airport	WV	Force Protection - Relocate Conskin Road	52276F	851-147	13,000	0		New
ANG	15	3830	AAAA1500002	Various Locations	--	TOTAL MAJOR CONSTRUCTION	52276F	--	118,945	0		--
ANG	15	3830	AAAA1500001	Various Locations	--	Unspecified Minor Construction	52276F	--	2,056	0		--
						Planning and Design	52276F	--	108	(287)	Cost decrease	
						GRAND TOTAL FY15 MILCON			121,109			
ANG	16	3830	FTQW049093	Eielson Air Force Base	AK	Base Civil Engineer Pavements and Grounds Facility	52276F	219-943	4,000	0	New	New
ANG	16	3830	HKRZ029255	Fort Smith Municipal Airport	AR	Replace Base Supply Warehouse Complex	52276F	442-758	8,800	0	New	New
ANG	16	3830	HAYW019130	Fresno Yosemite International ANG	CA	Medical Training and Security Forces Complex	52276F	171-450	7,200	277	Deferred from FY12; Cost increase	Existing
ANG	16	3830	JYW809789	New Castle County Airport	DE	Aerial Port Training Facility	52276F	171-873	4,700	0	New	New
ANG	16	3830	XDQL049500	Savannah Hilton Head IAP	GA	C-130 Squadron Operations Facility	52276F	141-753	8,900	0	New	New
ANG	16	3830	SAKW109201	Northwest Field-Anderson AFB	GU	RED HORSE Operational Facility	52276F	171-445	5,000	0	New	New
ANG	16	3830	VSSB069014	Strom Gateway Airport/Col Bud Day Field	IA	Add to and Alter Security Police Facility	52276F	730-835	1,950	0	Deferred from FY16	New
ANG	16	3830	VSSB099017	Strom Gateway Airport/Col Bud Day Field	IA	Add to and Alter Building 263	52276F	171-445	6,200	0	New	Existing
ANG	16	3830	JLQN049119	General Wayne A. Downing Peoria IAP (ANG)	IL	Add to and Alter Fire Crash/Rescue Station	52276F	130-142	8,800	0	New	Existing
ANG	16	3830	LDPX099060	Hulman Regional Airport	IN	Add to and Alter Distributed Common Ground Station (DCGS)	52276F	171-447	10,400	0	New	Existing
ANG	16	3830	AXPF120020	Andrews Air Force Base	MD	F-16 Aircraft Maintenance Complex	52276F	211-159	12,200	0	New	New

Air National Guard
Fiscal Years Defense Plan (FDP)

MAJCOM	FY	AFPN	Project Number	Installation	State	Project Title	Program Element	Facility Category Code	PROGRAM COST (\$000)	Change from FY11 PB	Explanation of Changes	Footprint
ANG	16	3830	MBMV109016	W. K. Kellogg Airport	MI	Replace Operations and Training Facility	52276F	171-445	9,000	0	Deferred from FY15	New
ANG	16	3830	MBMV129022	W. K. Kellogg Airport	MI	TFI - C-27 Beddown - Upgrade Squadron Operations Facility	51138F	211-179	1,250	0	New - Project Phased	Existing
ANG	16	3830	QJL009218	Minneapolis-St Paul International Airport	MN	Add to and Alter Flight Simulator Facility	52276F	171-212	1,900	0	New	Existing
ANG	16	3830	LRXQ989041	Jackson International Airport	MS	Security Forces and Medical Training Facility	52276F	730-835	7,700	0	Deferred from FY15	New
ANG	16	3830	MDVL069177	Key Field	MS	TFI - cNAF Beddown - Phase I	52276F	610-285	10,500	31	Deferred from FY15; Cost increase	New
ANG	16	3830	AAAA014000	Great Falls International Airport	MT	C-27 Conversion	52276F	211-111	16,300	0	New	Existing
ANG	16	3830	FJRP089066	Charlotte-Douglas International Airport	NC	Replace Squadron Operations Facility	52276F	141-753	8,950	450	Deferred from FY15; Cost increase	New
ANG	16	3830	KKGA069009	Hector International Airport	ND	Replace Operations and Training Facility	52276F	171-445	8,000	0	Deferred from FY15	New
ANG	16	3830	SZCO099004	Pease International Tradeport ANG	NH	Air Traffic Control Squadron Operations Facility	52276F	171-447	7,900	0	Deferred from FY15	New
ANG	16	3830	PTFL000605	McGuire Air Force Base	NJ	Replace Vehicle Maintenance	52276F	214-425	5,600	0	New	New
ANG	16	3830	WHAN089033	Stewart International Airport	NY	Aircraft Conversion	52276F	211-152	3,750	0	New	Existing
ANG	16	3830	NLZ0452101	Rickenbacker International Airport	OH	Deployment Processing Facility	52276F	141-786	1,800	(850)	Deferred from FY13; Cost decrease	New
ANG	16	3830	WYTD109008	Toledo Express Airport	OH	Indoor Small Arms Range	52276F	171-475	4,900	0	Deferred from FY15; Companion to WYTD029015	New
ANG	16	3830	KJAO119006	Klamath Falls Airport-Kingsley Field	OR	Corrosion Control Hangar	52276F	722-351	6,277	0	New	New
ANG	16	3830	LKLW109037	Fort Indiantown Gap ANG Station	PA	Communications Operations and Training Facility	52276F	171-447	8,200	0	New	New
ANG	16	3830	TWLR039103	Quonset State Airport	RI	Replace Fire Crash Rescue Station	52276F	130-142	10,000	0	New	New
ANG	16	3830	PSTE099070	McEntire Joint National Guard Base	SC	Replace O&T Facility	52276F	171-445	9,100	2,400	Deferred from FY14; Cost increase	New
ANG	16	3830	LUXC079134	Joe Foss Field	SD	Aircraft Maintenance Complex - Phase II	52276F	211-152	14,800	0	New	New
ANG	16	3830	AAAA015000	TBD	TBD	TFI - C-27 Conversion	52276F	211-111	16,300	0	New	New
ANG	16	3830	PSXE109034	McGhee Tyson Airport	TN	TEC Expansion Dormitory and Classrooms	52276F	721-313	18,000	0	New	New
ANG	16	3830	DJPM109035	Carswell Air Reserve Station	TX	Mobility Processing, Band and Weather Flight	52276F	141-786	6,780	0	New	New
ANG	16	3830	FPBD109001	Fort Bliss	TX	Add to and Alter Vehicle Maintenance, Building 11320	52276F	214-425	2,100	0	New	New
ANG	16	3830	USEB059205	Salt Lake City International Airport	UT	ADAL Electronic Security Complex, Phase I	52276F	171-447	7,500	0	New	New
ANG	16	3830	CURZ059054	Burlington International Airport	VT	Upgrade Taxiway F and Replace Arm/Disarm Pad	52276F	112-211	11,000	0	New	New
ANG	16	3830	PJYV029157	EWVRA - Shepherd Field	WV	Replace Vehicle Maintenance Facility	52276F	214-425	4,400	0	New	New
						TOTAL MAJOR CONSTRUCTION			280,157			
ANG	16	3830	AAAA160002	Various Locations	--	Unspecified Minor Construction	52276F	--	2,093	0	New	--
ANG	16	3830	AAAA160001	Various Locations	--	Planning and Design	52276F	--	648	0	New	--
						GRAND TOTAL FY16 MILCON			282,898			

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SECTION IV

FUTURE YEARS DEFENSE PLAN (FYDP)

STATE/INSTALLATION LISTING

Air National Guard
Future Years Defense Plan (FYDP)

MAJCOM	FY	APPN	Project Number	Installation	State	Project Title	Program Element	Facility Category Code	PROGRAM COST (\$000)	Change from FY11 PB	Explanation of Changes	Footprint
ANG	15	3830	FTQW059901	Edison Air Force Base	AK	Add to and Alter Communications Facility	52276F	131-111	6,500	0	Deferred from FY14	Existing
ANG	16	3830	FTQW049093	Edison Air Force Base	AK	Base Civil Engineer Pavements and Grounds Facility	52276F	219-943	4,000	0	New	New
ANG	13	3830	BRKR009063	Birmingham International Airport	AL	Dining Hall and Security Forces Facility	52276F	703-835	11,000	0	New	New
ANG	14	3830	FAKZ059173	Montgomery Regional Airport (ANGB)	AL	TFI - Replace Squadron Operations Facility	52276F	141-753	7,500	0	Accelerated from FY15	Existing
ANG	16	3830	HKRZ029255	Fort Smith Municipal Airport	AR	Replace Base Supply Warehouse Complex	52276F	442-758	8,800	0	New	New
ANG	14	3830	NKAK009718	Little Rock Air Force Base	AR	Consumer Fuel Cell and Corrosion Control	52276F	211-179	10,400	(300)	Accelerated from FY15; Cost decrease	New
ANG	16	3830	HAYW019150	Fresno Yosemite International ANG	CA	Medical Training and Security Forces Complex	52276F	171-450	7,200	277	Deferred from FY12; Cost increase	Existing
ANG	13	3830	QMSN099051	Midfield Airfield (NASA)	CA	Force Protection Measures - Relocate Main Gate	52276F	730-839	2,000	2,756	Cost decrease	New
ANG	14	3830	SACB119001	San Diego ANG Station	CA	Supply Warehouse	52276F	442-758	2,000	0	New	New
ANG	14	3830	CRWU069200	Buckley Air Force Base	CO	Repair Taxiway Juliet and Lima	52276F	112-211	4,000	0	Accelerated from FY15	Existing
ANG	15	3830	CEKT119008	Bradley International Airport	CT	TFI - C-27 Beddown	51138F	211-111	14,700	5,100	Deferred from FY13; Cost increase	Existing
ANG	13	3830	JLWS069156	New Castle County Airport	DE	C-130 Aircraft Maintenance Shops, PH 1	52276F	211-157	8,700	2,500	Project phased	Existing
ANG	15	3830	JLWS109100	New Castle County Airport	DE	Add to and Alter Maintenance Shops, PH2	52276F	218-712	3,800	0	New - Project phased	Existing
ANG	16	3830	JLWS897789	New Castle County Airport	DE	Aerial Port Training Facility	52276F	171-873	4,700	0	New	New
ANG	13	3830	LSGA019179	Jacksonville International Airport	FL	Replace Fire Crash Rescue Station	52276F	130-142	9,300	0	New	New
ANG	14	3830	XDQU109669	Savannah/Hilton Head IAP	GA	Consolidate CERTC ACE Facilities	52276F	218-712	1,550	0	New	Existing
ANG	16	3830	XDQU949500	Savannah/Hilton Head IAP	GA	C-130 Squadron Operations Facility	52276F	141-753	8,900	0	New	New
ANG	16	3830	SAKW109201	Northwest Field-Anderson AFB	GU	RED HORSE Operational Facility	52276F	171-445	5,000	0	New	New
ANG	13	3830	PFAN049064	Des Moines International Airport	IA	Corrosion Control Facility	52276F	211-159	5,142	442	Accelerated from FY15; Cost increase	New
ANG	16	3830	VSSB069014	Sioux Gateway Airport/Col Bud Day Field	IA	Add to and Alter Security Police Facility	52276F	730-835	1,950	0	Deferred from FY16	New
ANG	16	3830	VSSB099017	Sioux Gateway Airport/Col Bud Day Field	IA	Add to and Alter Building 263	52276F	171-445	6,200	0	New	Existing
ANG	16	3830	JLQN049119	General Wayne A. Downing Peoria IAP (ANG)	IL	Add to and Alter Fire Crash/Rescue Station	52276F	130-142	8,800	0	New	Existing
ANG	13	3830	ATQZ069005	Fort Wayne International Airport	IN	ASE and Weapons Release Facilities	52276F	218-712	7,000	0	Deferred from FY12	New
ANG	16	3830	LDXR099060	Hulman Regional Airport	IN	Add to and Alter Distributed Common Ground Station (DCGS)	52276F	171-447	10,400	0	New	Existing
ANG	15	3830	VUBV109002	Smoky Hill ANG Range	KS	Range Training Support Facilities	52276F	171-471	10,000	0	Deferred from FY14	New

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MAJCOM	FY	APPN	Project Number	Installation	State	Project Title	Program Element	Facility Category Code	PROGRAM COST (\$900)	Change from FY11 PB	Explanation of Changes	Footprint
ANG	14	3830	WEAS179054	Louisville International Airport - Standiford Field	KY	Contingency Response Group (CRG) Facility, Phase I	54123F	442-758	5,419	(5,781)	Accelerated from FY14; Project Phased	New
ANG	15	3830	WEAS119055	Louisville International Airport - Standiford Field	KY	Contingency Response Group (CRG) Facility, Phase II	54123F	442-758	11,200	0	New - Project Phased	New
ANG	14	3830	RQLH079073	Naval Air Station Joint Reserve Base	LA	Replace Squadron Operations Facility	52276F	141-753	9,700	0		Existing
ANG	14	3830	AXQD059003	Barnes Municipal Airport	MA	Add to Maintenance Hangar	52276F	211-111	6,000	0	Deferred from FY12	Existing
ANG	16	3830	AXFL129020	Joint Base Andrews	MD	F-16 Aircraft Maintenance Complex	52276F	211-159	12,200	0	New	New
ANG	13	3830	PIMS099092	Marlin State Airport	MD	TF1 - C-27 Conversion - Aircraft Maintenance Complex	51138F	211-152	11,700	5,100	Deferred from FY12; Cost increase	Existing
ANG	15	3830	FKNN059220	Bangor International Airport	ME	Add to and Alter Fire Crash/Rescue Station	52276F	130-142	7,200	0		Existing
ANG	15	3830	TDYGD09136	Alpena County Regional Airport	MI	Replace Troop Training Quarters - II	52276F	725-517	9,600	(400)	Cost decrease	New
ANG	15	3830	MBMV089025	W. K. Kellogg Airport	MI	TF1 - C-27 Beddown - Maintenance Hangar and Shops	51138F	211-154	4,000	(1,500)	Deferred from FY13; Project phased	New
ANG	13	3830	MBMV129020	W. K. Kellogg Airport	MI	TF1 - C-27 Beddown - Upgrade Aerial Port Training Facility	51138F	171-873	1,400	0	New - Project Phased	Existing
ANG	14	3830	MBMV129012	W. K. Kellogg Airport	MI	TF1 - C-27 Beddown - Fuel Cell Hangar	51138F	211-179	7,000	0	New - Project Phased	Existing
ANG	16	3830	MBMV109016	W. K. Kellogg Airport	MI	Replace Operations and Training Facility	52276F	171-445	9,000	0	Deferred from FY15	New
ANG	16	3830	MBMV129022	W. K. Kellogg Airport	MI	TF1 - C-27 Beddown - Upgrade Squadron Operations Facility	51138F	211-179	1,250	0	New - Project Phased	Existing
ANG	14	3830	FMKM089018	Duluth International Airport	MN	Load Crew Training and Weapon Release Shops	52276F	215-552	8,000	(248)	Cost decrease	New
ANG	16	3830	QJRL009218	Minneapolis St Paul International Airport	MN	Add to and Alter Flight Simulator Facility	52276F	171-212	1,900	0	New	Existing
ANG	16	3830	LRXQ089041	Jackson International Airport	MS	Security Forces and Medical Training Facility	52276F	730-835	7,700	0	Deferred from FY15	New
ANG	13	3830	MDVL109150	Key Field	MS	TF1 - C-27 Conversion - Aerial Port Composite Material Shop	51138F	171-873	2,200	0	New	Existing
ANG	14	3830	MDVL089021	Key Field	MS	TF1 - Construct C-27 Training Facility	51138F	171-212	1,900	0	New	Existing
ANG	16	3830	MDVL069177	Key Field	MS	TF1 -NAF Beddown - Phase I	52276F	610-285	10,500	31	Deferred from FY15; Cost increase	New
ANG	16	3830	JKSE110911	Great Falls International Airport	MT	C-27 Conversion	52276F	211-111	16,300	0	New	Existing
ANG	15	3830	FBRW090093	Charlotte/Douglas International Airport	NC	Operations and Training Facility	52276F	171-445	6,145	0	New	New
ANG	16	3830	FBRW090066	Charlotte/Douglas International Airport	NC	Replace Squadron Operations Facility	52276F	141-753	8,950	450	Deferred from FY15; Cost increase	New
ANG	14	3830	RKGA109018	Hector International Airport	ND	TF1 - C-27 Conversion - Fuel Cell Corrosion Control & ASE Shop	51138F	211-179	4,200	0	New	Existing
ANG	15	3830	RKGA109020	Hector International Airport	ND	TF1 - C27 Beddown - Upgrade Hangar, Shops, & Squadron Ops	51138F	211-111	7,000	0	New	Existing
ANG	16	3830	RKGA069009	Hector International Airport	ND	Replace Operations and Training Facility	52276F	171-445	8,000	0	Deferred from FY15	New
ANG	16	3830	SZCQ099004	Pease International Tradeport ANG	NH	Air Traffic Control Squadron Operations Facility	52276F	171-447	7,900	0	Deferred from FY15	New
ANG	14	3830	AQRC069222	Atlantic City International Airport	NJ	Dining Hall and Services Facility	52276F	725-351	9,300	900	Cost increase	New
ANG	14	3830	AQRC059093	Atlantic City International Airport	NJ	Fuel Cell and Corrosion Control Hangar	52276F	211-179	8,500	(300)	Cost decrease	New
ANG	16	3830	PTFL006065	Joint Base McGuire-Dix-Lakehurst	NJ	Replace Vehicle Maintenance	52276F	214-425	5,600	0	New	New

Air National Guard
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MAJCOM	FY	APPN	Project Number	Installation	State	Project Title	Program Element	Facility Category Code	PROGRAM COST (\$000)	Change from FY11 PB	Explanation of Changes	Footprint
ANG	13	3830	WKVB085082	Francis S. Gabreski Airport	NY	Add to and Alter Maintenance Complex	52276F	211-152	8,200	0	New	Existing
ANG	14	3830	VBDZ059563	Schenectady County Airport	NY	Replace Base Supply Warehouse	52276F	442-758	9,098	0	New	New
ANG	16	3830	WHA1085033	Stewart International Airport	NY	Aircraft Conversion	52276F	211-152	3,750	0	New	Existing
ANG	14	3830	BVGM092001	Blue Ash ANG Station	OH	Alter Vehicle Maintenance and Communications Facility	52276F	214-425	1,400	0	Accelerated from FY15	Existing
ANG	15	3830	PBXP090226	Manusfield Lahn Airport	OH	TFI - C-27 Conversion - Alter Maintenance Shops	51138F	211-152	2,400	(4,100)	Deferred from FY12; Project number change; Cost decrease	Existing
ANG	16	3830	NLZG052101	Rickenbacker International Airport	OH	Deployment Processing Facility	52276F	141-786	1,800	(656)	Deferred from FY13; Cost decrease	New
ANG	15	3830	NLZG0609111	Rickenbacker International Airport (ANG)	OH	Aircraft Support Equipment (ASE) Facility	52276F	218-712	1,000	0	Deferred from FY14	New
ANG	13	3830	WYTD026015	Toledo Express Airport	OH	Replace Security Forces Squadron	52276F	730-835	7,300	0	Accelerated from FY15	New
ANG	16	3830	WYTD109008	Toledo Express Airport	OH	Indoor Small Arms Range	52276F	171-475	4,900	0	Deferred from FY15; Companion to WYTD026015	New
ANG	15	3830	KJAO099558	Klamath Falls Airport - Kingsley Field	OR	Replace Fire Station	52276F	130-142	7,000	(1,300)	Cost decrease	New
ANG	16	3830	KJAO119006	Klamath Falls Airport-Kingsley Field	OR	Corrosion Control Hangar	52276F	722-351	6,277	0	New	New
ANG	14	3830	LKLV099101	Fort Indiantown Gap ANG Station	PA	Replace Operations and Training and Dining Hall Facilities	58093F	722-351	7,600	300	Accelerated from FY15; Cost increase	New
ANG	16	3830	LKLV109037	Fort Indiantown Gap ANG Station	PA	Communications Operations and Training Facility	52276F	171-447	8,200	0	New	New
ANG	15	3830	TWLR099087	Quonset State Airport	RI	C-130 Parking Apron	52276F	113-321	1,800	0		Existing
ANG	16	3830	TWLR030103	Quonset State Airport	RI	Replace Fire Crash Rescue Station	52276F	130-142	10,000	0	New	New
ANG	16	3830	PSTE09070	McEntire Joint National Guard Base	SC	Replace O&T Facility	52276F	171-445	9,100	2,400	Deferred from FY14; Cost increase	New
ANG	14	3830	LUXC099042	Joe Foss Field	SD	Aircraft Maintenance Shops	52276F	217-712	12,800	3,800	Cost increase	New
ANG	16	3830	LUXC079134	Joe Foss Field	SD	Aircraft Maintenance Complex - Phase II	52276F	211-152	14,800	0	New	New
ANG	14	3830	AAAA099005	TBD	TBD	Predator Operations Center	53219F	149-511	10,200	0	New	New
ANG	14	3830	AAAA017000	TBD	TBD	TFI - C-27 Flight Training Device (FTD)	51138F	171-617	3,200	0	New	Existing
ANG	16	3830	AAAA015000	TBD	TBD	TFI - C-27 Conversion	52276F	211-111	16,300	0	New	New
ANG	14	3830	PSXE090650	McGhee Tyson Airport	TN	Force Protection Measures - Relocate Hobbs Road	52276F	851-147	6,500	2,100	Deferred from FY12; Cost increase	New
ANG	16	3830	PSXE109034	McGhee Tyson Airport	TN	TEC Expansion Dormitory and Classrooms	52276F	721-313	18,000	0	New	New
ANG	13	3830	BKTZ089013	Nashville International Airport	TN	TFI - Establish C-130 FTU	54332F	171-211	6,900	0		Existing
ANG	16	3830	DDPM109035	Carwell Air Reserve Station	TX	Mobility Processing, Band and Weather Flight	52276F	141-786	6,780	0	New	New
ANG	15	3830	PWHH099016	Ellington Field	TX	Replace Security Forces Facility	52276F	730-835	5,800	0		New
ANG	16	3830	FPBD109001	Fort Bliss	TX	Add to and Alter Vehicle Maintenance, Building 11320	52276F	214-425	2,100	0	New	New
ANG	16	3830	USEB059205	Salt Lake City International Airport	UT	ADAL Electronic Security Complex, Phase I	52276F	171-447	7,500	0		New
ANG	14	3830	CURZ059055	Burlington International Airport	VT	Widen Taxiway Delta and Replace Arm Discarm Pad	52276F	112-211	6,500	(1,500)	Accelerated from FY15; Cost decrease	New
ANG	16	3830	CURZ059054	Burlington International Airport	VT	Upgrade Taxiway F and Replace Arm Discarm Pad	52276F	112-211	11,000	0	New	New

Air National Guard
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MAJCOM	FY	APPN	Project Number	Installation	State	Project Title	Program Element	Facility Category Code	PROGRAM COST (\$900)	Change from FY11 PB	Explanation of Changes	Footprint
ANG	14	3830	HUTV089012	General Mitchell International Airport	WI	Replace Fire Station	52276F	130-142	8,300	0	Accelerated from FY15	New
ANG	15	3830	YAQF089008	York Field	WI	Add to and Alter Air Control Squadsom Complex	52276F	171-447	8,100	0	New	Existing
ANG	16	3830	PVYY029157	EWVRA - Shepherd Field	WV	Replace Vehicle Maintenance Facility	52276F	214-425	4,400	0	New	New
ANG	13	3830	LYBH109056	Yeager Airport	WV	Consolidate AeroMed/Mobility/SF	58093F	171-449	11,000	0	New	Existing
ANG	14	3830	LYBH009133	Yeager Airport	WV	Replace Communications Training Facility	52276F	131-111	5,700	(650)	Accelerated from FY15; Cost decrease	New
ANG	15	3830	LYBH049066	Yeager Airport	WV	Force Protection - Relocate Coonskin Road	52276F	851-147	13,000	0		New
ANG	13	3830	AAAA130002	Various Locations	--	Unspecified Minor Construction	52276F	--	2,622	0		--
ANG	14	3830	AAAA140002	Various Locations	--	Unspecified Minor Construction	52276F	--	1,614	0		--
ANG	15	3830	AAAA150002	Various Locations	--	Unspecified Minor Construction	52276F	--	2,056	0		--
ANG	16	3830	AAAA160002	Various Locations	--	Unspecified Minor Construction	52276F	--	2,093	0	New	--
ANG	13	3830	AAAA130001	Various Locations	--	Planning and Design	52276F	--	1,852	(141)	Cost decrease	--
ANG	14	3830	AAAA140001	Various Locations	--	Planning and Design	52276F	--	1,384	(259)	Cost decrease	--
ANG	15	3830	AAAA150001	Various Locations	--	Planning and Design	52276F	--	108	(287)	Cost decrease	--
ANG	16	3830	AAAA160001	Various Locations	--	Planning and Design	52276F	--	648	0	New	--

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SECTION IV

FUTURE YEARS DEFENSE PLAN (FYDP)

PROJECTS NO LONGER IN FYDP

Air National Guard
Fiscal Years Defense Plan (FYDP)

MAJCOM	FY	APPN	Project Number	Installation	State	Project Title	Program Element	Facility Category Code	PROGRAM COST (\$000)	Change from FY11 PB	Explanation of Changes	Footprint
ANG		3830	AJY09016	Anderson AFB	GU	DRBS Storage Facility	52276F	219-946	2,000		Funded through FY10 Unspecified Minor Construction	
ANG		3830	KNMD069212	Joint Base Pearl Harbor - Hickam	HI	TF1 - F-22 Flight Simulator Facility	51721F	171-212	19,800		Submitted as FY12 Presidential Budget	
ANG		3830	KNMD069212	Joint Base Pearl Harbor - Hickam	HI	TF1 - F-22 Combat Aircraft Parking Apron	51721F	113-321	12,530		Submitted as FY12 Presidential Budget	
ANG		3830	KNMD069212	Joint Base Pearl Harbor - Hickam	HI	TF1 - F-22 Weapons Load Crew Training Facility	51721F	171-875	7,000		Submitted as FY12 Presidential Budget	
ANG		3830	SPBN79047	Ott. ANGB	MA	TF1 - eNAF Beddown	52672F	610-285	7,800		Submitted as FY12 Presidential Budget	
ANG		3830	FIMS09992	Marlin State Airport	MD	TF1 - C-27 Conversion - Construct Squad Ops	51138F	141-753	6,400		Submitted as FY12 Presidential Budget	
ANG		3830	PBX089074	Mansfield Lahn Airport	OH	TF1 - C-27 Conversion	51138F	171-211	6,500		Project number change. Scope refined	
ANG		3830	AAAA089021	TBD	TBD	TF1 - C-27 Training Facility	51138F	171-212	10,000		Location specified as Key Field, MS. Scope and cost refined	