AIR NATIONAL GUARD

Fiscal Year (FY) 2007 BUDGET ESTIMATES



MILITARY CONSTRUCTION APPROPRIATION 3830

Justification Data Submitted to Congress
February 2006

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2007

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	•	

SUMMARY PROJECT LIST AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM - FY 2007

STATE	INSTALLATION AND PROJECT	AUTH/APPN AMOUNT (\$000)	PAGE NO.	
California	March Air Reserve Base (ARB) Predator Operations and Training Complex Sub-Total California	6,000 6,000	II-1	
Georgia	Savannah/Hilton Head International Airport (IAP) Replace Operations, Training and Security Forces Complex Sub-Total Georgia	7,100 7,100	II-4	
Indiana	Fort Wayne International Airport (IAP) Replace Security Forces Operations and Training Facility Sub-Total Indiana	4,300 4,300	II-7	
North Carolina	Stanly County Airport (AP) Relocate Communications and Electronics Training Complex Sub-Total North Carolina	5,100 5,100	II-10	
North Dakota	Hector Field Airport (IAP) Predator Operations Complex Sub-Total North Dakota	5,500 5,500	II-13	
Pennsylvania	State College ANG Station Replace Air Operations Squadron Training Facility Sub-Total Pennsylvania	5,300 5,300	II-16	
Tennessee	Memphis International Airport (IAP) C-5 Infrastructure Upgrade C-5 Replace Fire Crash Rescue Station C-5 Replace Squadron Operations and Simulator Facility C-5 Replace Aircraft Support Equipment Shop and Storage Sub-Total Tennessee	5,000 4,350 10,000 4,400 23,750	II-19 II-22 II-25 II-28	
Texas	Ellington Field Airport (AP) Predator Operations Complex Sub-Total Texas	6,000 6,000	II-31	

STATE	INSTALLATION AND PROJECT	AUTH/APPN AMOUNT (\$000)	PAGE NO.
West Virginia	EWVRA-Shepherd Field		
	C-5 Replace Fire, Crash and Rescue Station	7,500	II-34
	C-5 Replace Base Supply Facility	5,700	II-37
	C-5 Upgrade/Extend Runway and Taxiways	20,500	II-40
	Sub-Total West Virginia	33,700	
Wyoming	Cheyenne Municipal Airport (MAP)		
	Add to and Alter Fire Crash/Rescue Station	4,200	II-43
	Sub-Total Wyoming	4,200	
	SUB-TOTAL ALL BASES	100,950	
	PLANNING AND DESIGN	18,838	II-46
	UNSPECIFIED MINOR CONSTRUCTION	6,000	II-48
	SUB-TOTAL SUPPORT COSTS	24,838	
	GRAND TOTAL	125,788	

NEW MISSION/CURRENT MISSION EXHIBIT AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM -- FY 2007

LOCATION	PROJECT	COST (\$000)	CURRENT/ NEW/ENV
March Air Reserve Base (ARB), CA	Predator Operations and Training Complex	6,000	N
Savannah/Hilton Head (IAP), GA	Replace Operations, Training and Security Forces Complex	7,100	С
Fort Wayne International Airport (IAP), IN	Replace Security Forces Operations and Training Facility	4,300	С
Stanly County Airport (AP), NC	Relocate Communications and Electronics Training Complex	5,100	С
Hector Field Airport (IAP), ND	Airport Predator Operations Complex		N
State College ANG Station, PA	Station, PA		С
Memphis IAP, TN	C-5 Infrastructure Upgrade	5,000	N
	C-5 Replace Fire Crash Rescue Station	4,350	N
	C-5 Replace Squadron Operations and Simulator Facility	10,000	N
	C-5 Replace Aircraft Support Equipment and Storage	4,400	N
Ellington Field Airport (AP), TX	Predator Operations Complex	6,000	N
EWVRA-Shepherd Field,	C-5 Replace Fire, Crash and Rescue Station	7,500	N
$\mathbf{W}\mathbf{V}$	C-5 Replace Base Supply Facility	5,700	N
	C-5 Upgrade/Extend Runway and Taxiways	20,500	N
Cheyenne Municipal Airport (MAP), WY	Add to and Alter Fire Crash/Rescue Station	4,200	C
•	PLANNING AND DESIGN	18,838	
	UNSPECIFIED MINOR CONSTRUCTION	6,000	
	TOTAL ENERGY	0	
	TOTAL ENVIRONMENTAL	0	
	TOTAL NEW MISSION (10)	74,950	
	TOTAL CURRENT MISSION (5)	26,000	
	GRAND TOTAL - FY 2007 REQUEST	125,788	

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2007

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 therefore, as authorized by Chapter 1803 of Title 10, United States Code, and Military Construction Authorizations Acts, \$125,788 to remain available until September 30, 2011.

SPECIAL PROGRAM CONSIDERATIONS

Environmental Compliance

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

Flood Plain Management and Wetland Protection

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

Design for Accessibility of Physically Handicapped Personnel

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

Preservation of Historical Sites and Structures

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

Environmental Protection

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

Economic Analysis

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

SPECIAL PROGRAM CONSIDERATIONS (continued)

Reserve Manpower Potential

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

Potential Use of Vacant Schools and Other State and Local Facilities

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

Construction Criteria Manual

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

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2007

	SECTION II	

PROJECT JUSTIFICATION DATA

1. COMPONENT	T						Ι	D. L. T. D.
1. COMI ONENT		TV 2007 MILITARY CONCERNICATION PROJECT DATE					2.	DATE
ANG		FY 2007 MILITARY CONSTRUCTION PROJECT DATA						2006
ANG (computer generated) 3. INSTALLATION AND LOCATION 4.					DOIFOT	PITT P	Fе	bruary 2006
3. INSTALLATION	AND	LOCATION			PROJECT T		· ·	N.T.D.
MADCH AID DECED	WE D	ASE (ARB), CALIFORN	r A		ATOR OPI		SA	ND
			1		VING COM			
5. PROGRAM ELEM	ENI	6. CATEGORY CODE	7. PROJEC	CT NUN	MBER	8. PROJ	ECT	COST(\$000)
52210E		121 442	22					
53219F		171-447	l PD	PG0690	54		\$6	,000
		9. COST	ESTIMATI	ES				
						UNI	T	COST
		ITEM		U/M	QUANTIT	Y cos	T	(\$000)
		IS AND TRAINING COM		SM	6,381			3,873
		NS AND TRAINING CO		SM	5,337	4	109	(2,183)
		NS AND TRAINING CO	MPLEX	SM	1,044	1,4	185	(1,550)
		RCE PROTECTION		SM	6,381		22	(140)
SUPPORTING FACT				LS				1,525
COMMUNICATION	S SNC	SUPPORT		LM	3,094	2	213	(659)
SITE WORK				LS				(180)
1		TERRUPTABLE POWE	R SUPPLY	LS				(275)
UTILITIES AND .		· · -		LS				(110)
FENCING AND GATES				LM	1,036	1	80	(186)
PASSIVE FORCE PROTECTION				LS				<u>(115)</u>
SUBTOTAL								5,398
CONTINGENCY (59		_				ŀ		270
TOTAL CONTRACT								5,668
SUPERVISION, INSPECTION AND OVERHEAD (6%)								340

10. Description of Proposed Construction: Upgrade: Interior finishes and utilities to meet current code requirements and support functional requirements. Convert: Move interior partitions and utility services to support functional requirements including electrical and mechanical systems, fire protection, security alarms and communication support. Extensive heating, ventilating and air conditioning support is required. Exterior work includes pavements and site improvements, back-up power, un-interruptible power system, security fence with electronic access personnel gate and manual vehicular access gate. Provide antiterrorism/force protection measures as appropriate. Air Conditioning: 350 KW.

11. REQUIREMENT: 6,381 SM ADEQUATE: 0 SM SUBSTANDARD: 6,381 SM PROJECT: Predator Operations and Training Complex (New Mission)

REQUIREMENT: The 163rd Air Refueling Wing (ARW), March Air Reserve Base (ARB) has been selected as the initial California beddown site for a predator operations squadron, formal training unit and formal training detactment. This new mission assignment does not include maintenance or launch/recovery functions for the Predator. The unit has been tasked to achieve full operational capability (FOC) of their mission operations and formal training function by Jan 08. The unit requires a properly sized and configured complex of facilities to support three ground control stations (GCS) (two permanent and one plug and play deployable); a Predator operations center (POC), a primary Predator satellite link (PPSL) location, a Predator squadron operations area, a Predator operations formal training unit (FTU) and a Predator maintenance formal training detactment (FTD). The complex requires robust and redundant communications support with connectivity to two communications switches. Communications requirements include NIPERNET, SIPERNET, JWICS, DSN, and video-link capabilities. POC spaces include: administrative spaces, latrine facilities, minor break area, a controlled entry space, communications closet, and a critical Supplemental Compartmented Information Facility (SCIF) function. Beddown of this new mission is being done in two parts - an initial operating capability executed in FY06, and this follow-on for full operational capability.

TOTAL REQUEST

TOTAL REQUEST (ROUNDED)

6,008

6.000

1. COMPONENT		2. DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	
ANG	(computer generated)	February 2006
3. INSTALLATION A	AND LOCATION	

MARCH AIR RESERVE BASE (ARB), CALIFORNIA

5. PROJECT TITLE

7. PROJECT NUMBER

PREDATOR OPERATIONS AND TRAINING COMPLEX

PDPG069054

CURRENT SITUATION: The flying mission at March was eliminated as part of BRAC 2005 recommendation # 83. The departure of KC 135 tanker flight operations and maintenance frees up facility space that can be renovated to support this new Predator mission. Building 2315, at 1,991 SM (21,920 SF), is a general purpose shops and communications facility. Building 2271, at 2,111 SM (22,727 SF), is a squadron operations facility built in 1983. Building 2305, at 2,455 SM (26,430 SF), is an aircraft hangar. These facilities can be modified to support the new mission. The POC requires a certified SCIF space which must be included in this project. The allocation of space within these facilities is as follows: modify 465 SM (5,000 SF) for three ground control station (GCS) operations facilities; modify 465 SM (5,000 SF) for a three orbit predator operations center (POC) to support the mission operations; modified 1173 SM (12,623 SF) of the squadron operations facility to support predator squadron operations. Modify 946 SM (10,180 SF) of the facility to support the exisitng communications and FTU operations requirements. Minimum modification of 2,455 SM (26,430 SF) to include the interior floor plan and upgrade of utilites to meet current code is required for the FTD. It can be converted to support the three MQ-1 Predator/MQ-9, Predator B mockups necessary for the training unit. Extensive interior renovations are necessary to satisfy the requirements of the UAV formal training unit (FTU) mission. The POC/GCS/PPSL facility also must have an un-interruptible power supply capability. Providing un-interupted power and communications to these facilities is critical to their mission. The base has sufficient back-up power available, but the un-interrupted power supply (UPS) must be installed to handle the cut over to generator power which can take from a few seconds to a few minutes. The communications network on base is currently undergoing upgrades. The Predator facilities must be connected to the base switch and base service provider in such a way that provides redundancy in the system. Allied support for installation of communication lines should include ducts to connect buildings 2270, 2271, 2305, 2315, and 2407.

IMPACT IF NOT PROVIDED: The Predator mission will not reach full operational capability by the date specified in AF directives. Forced use of exisitng facilities would result in security violations due to the high sensitivity of this mission. Failure to achieve FTU capability will also prevent active duty and ANG from training personnel critical to this new mission area.

ADDITIONAL: Remotely piloted vehicles (RPV) are a new mission to the Air National Guard. The scope of this project was developed by comparing the Active Duty criteria with the ANG Handbook 32-1084 for similar squadron operations facilities. Antiterrorism/Force Protection requirements have been considered in the development of this project. All known alternatives options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

MODIFY OPERATIONS AND TRAINING COMPLEX CONVERT OPERATIONS AND TRAINING COMPLEX COMMUNICATIONS ALLIED SUPPORT FENCING AND GATES

5,337 SM = 57,442 SF1.044 SM = 11.240 SF3,094 LM = 10,150 LF1,036 LM = 3,400 LF

1 COMPONENT		
1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DA	2. DATE
ANG	(computer generated)	February 2006
3. INSTALLATION		
MADOU AID DECED	VEDAGE (ARR) CALVEORNIA	
	VE BASE (ARB), CALIFORNIA	
5. PROJECT TITLE		7. PROJECT NUMBER
PREDATOR OPERA	TIONS AND TRAINING COMPLEX	PDPG069054
12. SUPPLEMENT	AL DATA:	
a. Estimated Desig	gn Data:	
(1) (1)		
(1) Status:	esign Started	DEC 2005
	tric Cost Estimates used to develop costs	DEC 2005 YES
	Complete as of Jan 2006	35%
* (d) Date 35		DEC 2005
	esign Complete	JUL 2006
	Design Contract	STANDARD
(g) Energy	Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
(a) Standar	d or Definitive Design -	NO
(b) Where	Design Was Most Recently Used -	N/A
(3) Total Cost ((c) = (a) + (b) or (d) + (e):	(\$000)
	ion of Plans and Specifications	360
	er Design Costs	180
(c) Total		540
(d) Contrac (e) In-Hous		540
(4) Contract Aw	vard (Month/Year)	DEC 2006
(5) Construction	n Start	FEB 2007
(6) Construction	a Completion	MAR 2008
* Indicates of is comparab	completion of Project Definition with Parametric Cost Estimate le to traditional 35% design to ensure valid scope and cost and	which executability.
b. Equipment associ	ated with this project will be provided from other appropriation	s: N/A

POINT OF CONTACT: MR RICHARD G. THOMAS (301) 836-7130

r							_	
1. COMPONENT							2.	DATE
		FY 2007 MILITARY CO			OJECT DA	TA		
ANG	(computer generated) February 2006					bruary 2006		
3. INSTALLATION					PROJECT			-
	N HE	AD INTERNATIONAL A	JRPORT					AINING AND
(IAP), GEORGIA				SECU	RITY FOR	CES COM	IPLI	EX
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJE	CT NUN	/IBER	8. PROJI	ECT	COST(\$000)
								(4111)
55296F		171-445	XD	QU0490	24		\$7	,100
		9. COST	ESTIMAT	ES				
						UNI	Γ	COST
		ITEM		U/M	QUANTITY	Y COS	T	(\$000)
REPLACE OPERAT	TONS	AND TRAINING COMP	LEX	SM	3,251			5,670
OPERATIONS AN	ND TF	RAINING AREA		SM	2,183	1,7	22	(3,759)
SECURITY FORC	CES A	REA		SM	1,068		22	(1,839)
ANTI-TERRORIS	M/FO	RCE PROTECTION		SM	3,252		22	(72)
SUPPORTING FAC	ILITIE	ES						728
UTILITIES				LS				(200)
PAVEMENTS				LS				(180)
SITE IMPROVEM	IENT!	5		LS				(35)
DEMOLITION AT	ND AS	SBESTOS REMOVAL		SM	3,286		86	(283)
PASSIVE FORCE	PRO'	ΓECTION MEASURES		LS				(10)
COMMUNICATION	ONS S	UPPORT		LS				(20)
SUBTOTAL				1				6,398
CONTINGENCY (59	%)							320
TOTAL CONTRACT		-						6,718
SUPERVISION, INSPECTION AND OVERHEAD (6%)							403	
TOTAL REQUEST								7,121
TOTAL REQUEST ((ROUI	NDED)			l	1		7,100

10. Description of Proposed Construction: Reinforced concrete pile foundation, steel-framed masonry walls, and roof structure. Interior partitions and utilities. Includes exterior utilities, access pavements, fire protection, communications system support extension, and site work. Demolish 10 buildings (3,286 SM) and landscape the grounds.

Air Conditioning: 245 KW.

11. REQUIREMENT: 3,252 SM ADEQUATE: 0 SM SUBSTANDARD: 3,286 SM PROJECT: Replace Operations, Training and Security Forces Complex (Current Mission).

REQUIREMENT: The 165th Airlift Wing (AW) and the Combat Readiness Training Center (CRTC), located at Savannah International Airport, require adequately sized and properly configured space for their operations and training (O&T), and security forces functions. The security forces space must accommodate base security operations, train personnel, store and maintain small arms, and store mobility equipment and vehicles.

CURRENT SITUATION: The 165th AW operations and training functions are housed in a structurally sound building. However, it only satisfies 75 percent of the minimum authorized square footage. The facility is malpositioned and is in the way of future development per the base master plan. Facility expansion is not possible due to land constraints. Construction of a new operations and training facility will allow this existing space to be converted for use by other functions on base with deficits - namely the dining hall, services and the communications functions. The security forces operate from four widely dispersed buildings. These block buildings were constructed as temporary facilities in the 1940's and 1950's and they have exceeded their economic life. The buildings are poorly configured, malpositioned, have inadequate interior utility support and fire protection systems. The security alarm room does not meet the minimum Air Force requirements and the lack of space particularly effects small arms storage and security operations. None of these facilities provide a quality work or training environment.

1. COMPONENT		2. DATE
ANG	FY 2007 MILITARY CONSTRUCTION PROJECT D.	
	(computer generated)	February 2006
3. INSTALLATION A	AND LOCATION	
SAVANNAH/HILTON	N HEAD INTERNATIONAL AIRPORT (IAP), GEORGIA	
5. PROJECT TITLE		7. PROJECT NUMBER
REPLACE OPERATION	ONS, TRAINING AND SECURITY FORCES COMPLEX	XDQU049024
IMPACT IF NOT DE	ROVIDED. Inadequate working and training space for	anamatiana and accept

IMPACT IF NOT PROVIDED: Inadequate working and training space for operations, and security forces will continue. Significant space deficiencies degrade mission accomplishment and create manpower inefficiencies. High facility operating and maintenance costs continue and facility deficiencies causing health, fire, and safety hazards will remain. Quality of life continues to be far from desirable. Unit vulnerability to terrorist activity, and degraded physical security and force protection continue.

ADDITIONAL: This project meets the criteria/scope specified in the Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Anti-terrorism/force protection requirements have been considered in the development of this project. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the cost efficient over the life of the project. The following facilities will be demolished as a result of this project: Bldg 345 (41 SM); Bldg 341 (203 SM); Bldg 342 (203 SM); Bldg 343 (203 SM); Bldg 344 (203 SM); Bldg 1904 (1,067 SM); Bldg 1908 (289 SM); Bldg 337 (279 SM); Bldg 310 (378 SM); Bldg 360 (420 SM) for a total of 3,286 SM (35,370 SF).

OPERATIONS AND TRAINING AREA SECURITY FORCES AREA

2,183 SM = 23,750 SF1,068 SM = 11,620 SF

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2006
. INSTALLATION		
SAVANNAH/HILTO	N HEAD INTERNATIONAL AIRPORT IAP, GEORGIA	
. PROJECT TITLE		PROJECT NUMBER
REPLACE OPERATI	ONS, TRAINING AND SECURITY FORCES COMPLEX	XDQU049024
2. SUPPLEMENT	AL DATA:	
a. Estimated Desig	çn Data:	
(1) Status:	Pesign Started	11 11 2004
	esign started strict Cost Estimates used to develop costs	JUL 2004 NO
(c) Percent	Complete as of Jan 2006	40%
* (d) Date 35	5% Designed	AUG 2005
	esign Complete	SEP 2006
	Design Contract	STANDARD
	Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		270
	d or Definitive Design - Design Was Most Recently Used -	NO N/A
(3) Total Cost ((c) = (a) + (b) or (d) + (e):	(\$000)
	tion of Plans and Specifications	430
(b) All Oth	er Design Costs	210
(c) Total	-	640
(d) Contrac		640
(e) In-Hous	;e	
(4) Contract Aw	vard (Month/Year)	MAR 2007
(5) Construction	1 Start	APR 2007
(6) Construction	1 Completion	MAY 2008
* Indicates of is comparab	completion of Project Definition with Parametric Cost Estimate whole to traditional 35% design to ensure valid scope and cost and exe	nich ecutability.
h Fauinment associ	ated with this project will be provided from other appropriations:	N/A

POINT OF CONTACT: MS ELIZABETH MIERZWA (301) 836-8047

1. COMPONENT							2. I	DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DATA							
ANG		(comp	uter generat	ed)			Feb	ruary 2006
3. INSTALLATION	3. INSTALLATION AND LOCATION 4. PROJECT TITLE						· · · · · · · · · · · · · · · · · · ·	
FORT WAYNE INTERNATIONAL AIRPORT (IAP), REPLACE SECURITY FO			RITY FO	RCE	S			
INDIANA				OPER.	ATIONS A	ND TRAI	NIN	G FACILITY
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJECT NUMBER 8		8. PROJI	ECT (COST(\$000)	
55296F		730-835	730-835 ATQZ019010			\$4,3	300	
		0.0000						
		9. COS1	ESTIMAT	ES				
		9. COS1	ESTIMAT.	ES		UNI	Γ	COST
		ITEM	ESTIMAT.	ES U/M	QUANITIY		- 1	COST (\$000)
REPLACE SECURI	ГҮ ГО		ESTIMAT		QUANITIY 1,686		- 1	
REPLACE SECURITOPERATIONS AN		ITEM RCES OPERATIONS	ESTIMAT	U/M	X		Т	(\$000)

SM

SM

SM

LS

LS

LS

LS

SM

223

395

1,686

1,632

1,862

969

22

140

415)

383)

1,078

365)

325)

130)

228)

3,865

4,058

4.301

4,300

193

243

30)

37)

10. Description of Proposed Construction: Construct: Reinforced concrete foundation and floor slab, masonry walls, steel frame, and standing seam metal roof. Provide HVAC system, site development, parking lot and pavement, communication and utilities infrastructure support. Renovate the existing facility for use as CE Readiness, Demolish two facilities and landscape the site.

Air Conditioning: 175 KW.

11. REQUIREMENT: 1,686 SM ADEQUATE: 0 SM SUBSTANDARD: 395 SM PROJECT: Replace Security Forces Operations and Training Facility (Current Mission). REQUIREMENT: The 122nd Fighter Wing requires an adequately sized and properly configured security forces facility to support the operations and training requirements for its 15 PAA F-16 aircraft. The Security Forces Squadron is authorized 81 military personnel and 12 home station state personnel. Functional areas include: command, supervision, training and administrative areas, arms vault, Combat Arms Training and Maintenance (CATM), Combat Arms Training Simulator (CATS), general storage, mobility bag storage and storage of mobility vehicles. This facility supports mobility deployment for wartime or contingency operations.

<u>CURRENT SITUATION</u>: The Security Forces Squadron facility, building 794, is structurally sound but seriously undersized for its assigned mission. Security force functions are presently 70 percent short of authorized space and all operational activities take place in severely overcrowded conditions. This is one of the most undersized security operations facilities in the Air National Guard. The Central Security Control Center is not adequately sized to handle post 9/11 electronic surveillance equipment and personnel. The facility is malpositioned with respect to the gate complex affecting response time to the gate as well as visitor access to the pass and identification functions. Training and administrative spaces are grossly inadequate. The training classroom is designed for only 26 personnel, which forces multiple sessions to complete training for all 81 assigned personnel. Electrical, plumbing, and other services are over burdened, no longer effectively operate, and are beyond their economic life. Current conditions hinder security training and operations and are impacting force morale as well as mission

CATS/CATM AREA

SUPPORTING FACILITIES

SITE IMPROVEMENTS

COMMUNICATIONS SUPPORT

UTILITIES

SUBTOTAL

PAVEMENTS

CONTINGENCY (5%)

TOTAL REQUEST

TOTAL CONTRACT COST

TOTAL REQUEST (ROUNDED)

UPGRADE BUILDING 794

ANTI-TERRORISM FORCE PROTECTION MEASURES

DEMOLISH BUILDINGS/ASBESTOS REMOVAL

SUPERVISION, INSPECTION AND OVERHEAD (6%)

1. COMPONENT		2. DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	
ANG	(computer generated)	February 2006
3. INSTALLATION	AND LOCATION	

FORT WAYNE INTERNATIONAL AIRPORT (IAP), INDIANA

5. PROJECT TITLE

7. PROJECT NUMBER

REPLACE SECURITY FORCES OPERATIONS AND TRAINING FACILITY

ATQZ019010

effectiveness. Mobility storage is spread throughout the base. Proper inventory is time consuming and takes away from the training time during drill periods as well as hampers control and accountability. Restrooms and lockers were sized for previous authorized squadron manning of 44 personnel which does not meet current requirements. Locker and guard mount spaces are critically undersized as well. having been sized for a unit 50 percent its current size. There are minimal and inadequate accommodations for females. The CATS and CATM are located in a 50 year old, antiquated separate facility, building 782. This separation results in inefficient operations and disjointed training. Building 782 is scheduled for demolition in FY 06 and CATS and CATM will be relocated to another substandard facility creating further degradation of the weapons training program.

IMPACT IF NOT PROVIDED: Excessive crowding of work and training areas negatively impact personnel during high operations tempo. Daily security operations continue to be hindered, as do mobility preparations. Training is ineffective. The entire weapons training program will be negatively impacted when CATS and CATM are relocated. Degraded quality of life affects morale, recruiting, and retention.

ADDITIONAL: This project meets the criteria/scope specified in the Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. This facility is an "inhabited" building and meets the standoff distance requirements. There is minimal threat and the level of protection is low so minimum force protection construction standards have been applied. Upon completion of this project, building 794 (previous Security Forces facility), will be reassigned as Civil Engineer Readiness, and will be remodeled. A large metal Butler-type building (bldg 301), is in the way of construction, and will be demolished. The following buildings will be demolished as a result of this project: 766 (517 SM) and 301 (1115 SM) for a total of 1632 SM.

CONSTRUCT SQ OPS	743 SM =	8,000 SF
CONSTRUCT STORAGE	325 SM =	3,500 SF
CONSTRUCT CATS/CATM	223 SM =	2,400 SF
RENOVATE BLDG 794	395 SM =	4,249 SF

1. COMPONENT		2. DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DA	
ANG	(computer generated)	February 2006
3. INSTALLATION	AND LOCATION	
FORT WAYNE INTE	ERNATIONAL AIRPORT (IAP), INDIANA	
5. PROJECT TITLE		7. PROJECT NUMBER
REPLACE SECURIT	Y FORCES OPERATIONS AND TRAINING FACILITY	ATQZ019010
12. SUPPLEMENT	TAL DATA:	
a. Estimated Designation	gn Data:	
(1) Status:		
(a) Date D	Design Started	MAY 2003
(b) Parame	etric Cost Estimates used to develop costs	NO
	Complete as of Jan 2006	35%
* (d) Date 35		NOV 2005
	esign Complete	MAY 2006
	Design Contract	STANDARD
(g) Energy	Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
	rd or Definitive Design -	NO
(b) Where	Design Was Most Recently Used -	N/A
(3) Total Cost (f(c) = (a) + (b) or (d) + (e):	(\$000)
	tion of Plans and Specifications	258
	ner Design Costs	129
(c) Total		387
(d) Contrac		387
(e) In-Hou	se	
(4) Contract Av	ward (Month/Year)	MAY 2007
(5) Construction	n Start	JUN 2007
(6) Construction	n Completion	JUL 2008
* Indicates	completion of Project Definition with Parametric Cost Estimate	which
is comparat	ble to traditional 35% design to ensure valid scope and cost and	executability.
b. Equipment associ	iated with this project will be provided from other appropriation	ns: N/A

POINT OF CONTACT: LT COL PHILLIP HOWARD (301) 836-8070

1. COMPONENT							2.	DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DATA							
ANG	ļ	(computer generated)			Fe	bruary 2006		
3. INSTALLATION	AND :	LOCATION			PROJECT T			
					CATE CON			
		ORT (AP), NORTH CARC)LINA	ELEC	TRONICS 7	TRAININ	G C	OMPLEX
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	MBER	8. PROJI	ECT	COST(\$000)
55296F		171-447	WE	FM9795	532		\$5	,100
		9. COST	ESTIMAT	ES				,
						UNI	Γ	COST
		ITEM		U/M	QUANITIY	cos'	T	(\$000)
RELOCATE COMM	IUNIC	ATIONS TRAINING CO	MPLEX	SM	2,323			3,888
COMMUNICATION	ONS T	RAINING AREA		SM	1,858	1,6	15	(3,001)
		ENTER/VAULT AREA		SM	186	1,9	38	(360)
		OFFICE/MEDICAL TRA	INING	SM	279	1,7	22	(480)
		RCE PROTECTION		SM	2,118		22	(47)
SUPPORTING FAC	ILITIE	ES		LS				695
UTILITIES				LS				(190)
PAVEMENTS		_		LS				(285)
SITE IMPROVEMENTS		LS				(145)		
COMMUNICATIONS SUPPORT		LS				(25)		
SECURITY MEA	SURE	S		LS				(50)
SUBTOTAL CONTINCENCY (594)					1		4,583	
CONTINGENCY (59 TOTAL CONTRACT	,	т						<u>229</u>
GUIDERA CONTRAC	1 003	1				1		4,812

10. Description of Proposed Construction: Concrete foundation and floor slab, combination masonry and metal exterior walls, structural steel frame and standing seam metal roof. Provide all utilities and site improvements. All interior walls, ceilings, and interior finishes. Roads and parking shall be asphalt concrete paved and perimeter security fence is required. Air Conditioning: 158 KW.

SUPERVISION, INSPECTION AND OVERHEAD (6%)

communications vault and medical training area.

11. REQUIREMENT: 2,323 SM ADEQUATE: 0 SM SUBSTANDARD: 1,938 SM PROJECT: Relocate Communications And Electronics Training Complex (Current Mission). REQUIREMENT: Adequate facilities are required to relocate the 263rd Combat Communications Squadron (CCS) from Badin Air Guard Station to Stanly County. The functional areas include electronic training area and administrative offices, electronic equipment maintenance area,

CURRENT SITUATION: The relocation of the Communications and Electronics Training facility from Baden Air Station to Stanly County Airport will complete the consolidation of all facilities originally located in two separate areas into one cantonment area. This one remaining facility operates in isolation; all other support for the Baden unit has been relocated to Stanly County. Land restrictions now severely limit training at Baden. Existing facilities located at Badin Air Guard Station are inadequate to support the mission. The Electronics Training Facility at Badin requires exterior finishes, a new roof and an electrical upgrade for code compliance. The existing fire alarm system is unreliable and inadequate. Resources for supporting two geographically separated units (Badin and Stanly County) are decreasing. Also, consolidation will simplify force protection requirements and antiterrorism measures. In addition, the authorized strength of the 263rd Communications and Electronics Training Facility is not the standard 130 personnel, but 200, increasing the requirement for space.

IMPACT IF NOT PROVIDED: Inefficiencies due to two geographically separated units will continue and critical maintenance and training will remain restricted to a point of impacting the mobility mission of the 263rd CCS. Morale will deteriorate due to the inefficiencies and poor support, ultimately

TOTAL REQUEST

TOTAL REQUEST (ROUNDED)

289

5.101

5.100

1. COMPONENT		2. DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DA	
ANG	(computer generated)	February 2006
3. INSTALLATION A	AND LOCATION	
STANLY COUNTY A	JIRPORT (AP), NORTH CAROLINA	
5. PROJECT TITLE		7. PROJECT NUMBER
	NICATIONS & ELECTRONICS TRAINING COMPLEX	WEFM979532
effecting Status of R	leadiness and Training (SORTs) availability and ratings.	The facility and the
land/space training s	shortfalls will degrade SORTs training and operational re-	eadiness. Lack of training.

effecting Status of Readiness and Training (SORTs) availability and ratings. The facility and the land/space training shortfalls will degrade SORTs training and operational readiness. Lack of training combined with operations tempo will also affect Aerospace Expeditionary Force availability and mission sustainment.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" except for 204 SM (2200 SF) added to the Communications Traning area for additionally authorized manning. This project is in compliance with the base master plan. This facility is an "inhabited" building and meets the standoff distance requirements. There is minimal threat and the level of protection is low so minimum construction standards have been applied. Upon completion of this project 4,347 SM of facilities and 89 Hectares of property at Badin will be returned to the county. 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. This is the last project to relocate the unit from Badin to Stanley County Airport.

COMMUNICATIONS TRAINING AREA 1,858 SM = 20,000 SF COMMUNICATINS CENTER/VAULT AREA 186 SM = 2,000 SF STATION COMMAND OFFICE/MEDICAL TRNG 279 SM = 3,000 SF

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2006
. INSTALLATION	ON AND LOCATION	
TANLY COUNT	ГҮ AIRPORT (AP), NORTH CAROLINA	
. PROJECT TITI		PROJECT NUMBER
RELOCATE COM	MMUNICATIONS AND ELECTRONICS TRAINING	TROJECT TOTALLE
COMPLEX		WEFM979532
2. SUPPLEME	ENTAL DATA:	
a. Estimated D	esign Data:	
(1) Status:		
	te Design Started	APR 2004
	rametric Cost Estimates used to develop costs	NO
	cent Complete as of Jan 2006 te 35% Designed	40%
	te 35% Designed te Design Complete	NOV 2005
	te Design Complete the of Design Contract	SEP 2006
	ergy Study/Life-Cycle analysis was/will be performed	STANDARD YES
(2) Basis:		
	ndard or Definitive Design -	NO
	nere Design Was Most Recently Used -	N/A
	ost $(c) = (a) + (b)$ or $(d) + (e)$:	(\$000)
	duction of Plans and Specifications	310
	Other Design Costs	150
(c) Tota		460
(d) Cor		460
(e) In-H	Iouse	
(4) Contract	t Award (Month/Year)	APR 2007
(5) Construc	etion Start	MAY 2007
(6) Constru	ction Completion	JUN 2008
* Indica is comp	ates completion of Project Definition with Parametric Cost Estimate who arable to traditional 35% design to ensure valid scope and cost and executed the state of	tich ecutability.
h Equipment of	sociated with this project will be provided from other appropriations:	N/A

POINT OF CONTACT: LT COL PHILLIP HOWARD (301) 836-8070

1 COMPONENT	f		* - +			***	T -	
1. COMPONENT							2.	DATE
ANIC		FY 2007 MILITARY CONSTRUCTION PROJECT DATA						
ANG (computer generate 3. INSTALLATION AND LOCATION							Fe	bruary 2006
3. INSTALLATION	AND	LOCATION		4.]	PROJECT	IITLE		
HECTOR FIELD AIR	DOD'	r (IAD) North Davot		DDED	ATTOR OR			
		Γ (IAP), NORTH DAKOT			ATOR OPI			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	MBER	8. PROJ	ECT	COST(\$000)
52210E		141 452	7777	G 1 0 600				
53219F		141-453	I KK	GA069()89		\$5	,500
		9. COST	ESTIMAT	ES				
						UNI	T	COST
		ITEM		U/M	QUANTIT	Y COS	T	(\$000)
PREDATOR OPERA				SM	3,033			4,131
		TOR CONTROL CENTE	R	SM	483	2,8	395	(1,398)
		CONTROL CENTER		SM	446		546	(288)
		SQUADRON OPERATIO	NS	SM	2,104	1,	130	(2,378)
		RCE PROTECTION		SM	3,033	i	22	(67)
SUPPORTING FACI				LS				812
SITE WORK/FEN	_	· · · · · · - -		LS				(135)
.	ABLE	POWER SYSTEMS		LS				(432)
UTILITIES				LS				(135)
PASSIVE FORCE	PRO	FECTION		LS				<u>(110)</u>
SUBTOTAL				ŀ				4,943
CONTINGENCY (5%)								247
TOTAL CONTRACT COST								5,190
SUPERVISION, INSPECTION AND OVERHEAD (6%)								<u>311</u>
TOTAL REQUEST								5,501
TOTAL REQUEST (ROU	NDED)						5,500

10. Description of Proposed Construction: Add to: slab on grade metal framed and sided facility with standing seam metal roof complete with four overhead or roll-up type doors. Match existing architecture and interiors. Provide interior finishes and lighting, heating, ventilation, and air conditioning, alarm and camera systems, security lighting, fire protection and suppression, and back up electrical generator and un-interruptible power capability and a day tank. Provide grounding rods and points and floor mounted tie down rings. Install two government furnished 5 ton HVAC units. Alter: reconfigure interior partitions and upgrade finishes amd utilities to include walls, floor, ceilings, electrical and lighting, heating, ventilation, and air conditioning, plumbing, and fire detection and suppression and security alarms. Exterior: concrete pad, site improvements, pavements, utilities, fencing, and communications support. Apply antiterrorism/force protection measures as appropriate. Air Conditioning: 263 KW.

11. REQUIREMENT: 3,047 SM ADEQUATE: 223 SM SUBSTANDARD: 2,142 SM PROJECT: Predator Squadron Operations (New Mission)

REQUIREMENT: The 119th Fighter Wing (ARW), Hector IAP has been selected as the initial North Dakota beddown site for a predator operations squadron. This new mission assignment does not include maintenance or launch/recovery functions for the Predator. The unit has been tasked to achieve full operational capability (FOC) of their mission operations by Jan 2008. The unit requires a properly sized and configured complex of facilities to support three ground control stations (GCS) (two permanent and one plug and play deployable); a Predator operations center (POC), a primary Predator satellite link (PPSL) location, a Predator squadron operations area, and a Predator formal training unit (FTU). The complex requires robust and redundant communications support with connectivity to two communications switches. Communications requirements include NIPERNET, SIPERNET, JWICS, DSN, and video-link capabilities. POC spaces include: administrative spaces, latrine facilities, minor break area, a controlled entry space, communications closet, and a critical Supplemental Compartmented Information Facility (SCIF) function. Beddown of this new mission is being done in

1. COMPONENT		2. DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	
ANG	(computer generated)	February 2006
3. INSTALLATION A	AND LOCATION	
HECTOR FIELD AIRI	PORT (IAP), NORTH DAKOTA	
5. PROJECT TITLE	7. PF	OJECT NUMBER
		* -:

PREDATOR OPERATIONS COMPLEX

KKGA069089

two parts – an initial operating capability executed in FY06 project and this follow-on project for full operational capability.

CURRENT SITUATION: The F-16 flying mission at Hector was eliminated as part of BRAC 2005 recommendation number 105. The aircraft are currently scheduled to depart the base in FY07. Building 218 at 2,104 SM (22,651 SF) is the existing squadron operations facility. It was constructed in 1974 and has had several piecemeal revisions. The walls, foundation and roof leak during rain events. The facility was constructed with a lower roof over the central hallway and higher, roofs over the adjacent wings of the facility, creating a "bathtub" that fills and floods the entire center of the facility if and when the roof drains become plugged. The facility does not serve its purpose well due to the disjointed lay-out created by several additions. Extensive interior renovations will be necessary to satisfy the requirements of the Predator mission. The base has the ability to provide back-up power for all facilities, however an un-interruptible power capability is required for this facility to bridge the gap between power loss and generator start up. The FY06 project referenced above created the initial operating capability in building 208 by bedding down the mobile GCS and basic POC function. This project adds 484 SM (5,200 SF) to building 208 to provide the full requirement of a three unit capable POC, interior space for three GCSs and upgraded connectivity with the PPSL and communications switches. Minor adjustments to security fencing, alarms, lighting, and gates will also be required. IMPACT IF NOT PROVIDED: The Predator mission will not reach full operational capability by the date specified in AF directives. Forced use of existing facilities would result in security violations due to the high sensitivity of this mission.

ADDITIONAL: Remotely piloted vehicles are a new mission to the Air National Guard. The scope of this project was developed from the same equipment and manpower criteria used to establish the Air National Guard Handbook 32-1084, "Facility Requirements". Additionally, the scope of this project was compared to the developing active duty criteria. Antiterrorism/Force Protection requirements have been considered in the development of this project. All known alternatives options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

ADDITION TO PREDATOR CONTROL 483 SM = 5,200 SFALTER PREDATOR CONTROL 486 SM = 5,230 SFALTER PREDATOR SQUADRON OPERATIONS 2,104 SM = 22,651 SF

1. COMPONENT		2. DATE
ANG	FY 2007 MILITARY CONSTRUCTION PROJECT DA' (computer generated)	ATA February 2006
3. INSTALLATION		1 Columny 2000
	IRPORT (IAP), NORTH DAKOTA	
5. PROJECT TITLE		7. PROJECT NUMBER
PREDATOR OPERA	ATIONS COMPLEX	KKGA069089
12. SUPPLEMEN	TAL DATA:	
a. Estimated Desi	ign Data:	
(1) Status:		
(a) Date I	Design Started	DEC 2005
(b) Param	netric Cost Estimates used to develop costs	YES
	nt Complete as of Jan 2006	35%
	35% Designed	DEC 2005
	Design Complete	AUG 2006
	of Design Contract	STANDARD
(g) Energy	y Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
	ard or Definitive Design -	NO
(b) wnere	e Design Was Most Recently Used -	N/A
	a(c) = (a) + (b) or (d) + (e):	(\$000)
(a) Produc	ction of Plans and Specifications	330
	ther Design Costs	165
(c) Total		495
(d) Contra (e) In-Hou		495
	Award (Month/Year)	JAN 2007
(5) Construction		FEB 2007
(6) Construction		MAR 2008
	•	
* Indicates is compara	s completion of Project Definition with Parametric Cost Estimate able to traditional 35% design to ensure valid scope and cost and e	which executability.
b. Equipment assoc	ciated with this project will be provided from other appropriations	ns: N/A
		·

POINT OF CONTACT: MS ASOLDE FORD-GILLETT (301) 836-8049

1. COMPONENT							2.	DATE
		FY 2007 MILITARY CONSTRUCTION PROJECT DATA						
ANG					d) February 2006			
3. INSTALLATION	AND	LOCATION			PROJECT			
				REPL	ACE AIR C	PERATION	ONS	SQUADRON
		TATION, PENNSYLVAN	IIA	TRAIN	NING FAC	ILITY		
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJE	CT NUN	/IBER	8. PROJI	ECT	COST(\$000)
								Ì
55296F		171-447	WF	GE0391	.75		\$5	,300
		9. COST	ESTIMAT	ES				
						UNI	Т	COST
		ITEM		U/M	QUANTITY	Y cos	T	(\$000)
REPLACE AIR OPE	RATI	ONS SQUADRON FACII	LITY	SM	2,090			3,984
AIR OPERATION	IS SQI	UADRON AREA		SM	1,951	1,8	884	(3,676)
HONOR GUARD	ARE	A		SM	139		884	(262)
AT/FP PHYSICAI	L SEC	URITY MINIMUM STAP	NDARDS	SM	2,090		22	(46)
SUPPORTING FAC	ILITIE	ES						` 790 [°]
UTILITIES				LS				(185)
PAVEMENTS				LS				(150)
SITE IMPROVEM				LS				(175)
DRAINAGE IMPI	ROVE	MENTS		LS				(180)
COMMUNICATION		UPPORT		LS				(50)
SECURITY MEASURE				LS				(50)
SUBTOTAL								4,774
CONTINGENCY (5%)								<u>239</u>
TOTAL CONTRACT								5,013
SUPERVISION, INSPECTION AND OVERHEAD (6%)						1		<u>301</u>
TOTAL REQUEST								5,314
TOTAL REQUEST (ROU	NDED)				ŀ		5,300

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel-framed masonry walls and roof structure (sloped standing seam metal roof). Interior walls and utilities. Exterior work includes: site improvements, cut trees and remove stumps; access road pavements, utilities extension, fire protection, communication system and support. Antiterrorism/Force Protection improvements, security measures and landscaping.

Air Conditioning: 263 KW.

11. REQUIREMENT: 2,090 SM ADEQUATE: 0 SM SUBSTANDARD: 4,088 SM PROJECT: Replace Air Operations Squadron Training Facility (Current Mission).

REQUIREMENT: The State College Guard Station requires adequate facilities to service the 112th Air

Operations Squadron (AOS). Functional areas include space for air operations and plans, orderly room and administration, training, storage and maintenance, honor guard, and day-to-day operations. CURRENT SITUATION: The State College Air Guard Station facilities are in excellent condition, since they were constructed in 1998 for an Air Control Squadron (ACS) and an Air Traffic Control Squadron (ATCS). After the facilities were built, the ATCS relocated to Johnstown, Pennsylvania for a better training environment and the remaining Air National Guard unit changed its mission from ACS to Air Operations Squadron (AOS). The 112th AOS now has an extreme excess of non-required space, and the current 112th AOS mission is management of the "Air-Land Battle" and is personnel driven, not equipment and vehicle driven. With the new mission, the 112th AOS will not need support equipment maintenance, vehicle maintenance, and a supply warehouse. This project will construct a replacement facility for the AOS, thereby turning the excess space over to the Pennsylvania Army National Guard who will use the space "as is" for the beddown of the Stryker Brigade. This Stryker Brigade is the "first-ever" Reserve Component Stryker Brigade, and would have been located at three separate locations in Pennsylvania. This will allow the three disparate sites to be consolidated at one site. This move will build the "first ever" National Guard Station in the entire National Guard, and allow the Stryker Brigade to be easily airlifted via strategic lift assets at the nearby municipal airport.

1. COMPONENT		2. DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT D	ATA
ANG	(computer generated)	February 2006
3. INSTALLATION	AND LOCATION	
STATE COLLEGE A	NG STATION, PENNSYLVANIA	
5. PROJECT TITLE		7. PROJECT NUMBER
	RATIONS SQUADRON TRAINING FACILITY	WFGE039175
	PROVIDED: The current 112th AOS facilities will remain	
	in need of extensive alterations to make it compatible w	
Army National Gua	ard will have to build facilities for the Stryker mission at	a much higher overall cost
to the Department of	of Defense. The cost to repair and construct these facility	ies will be much higher than
the cost to construc	t a new facility for the 112 AOS.	

<u>ADDITIONAL</u>: Upon completion of this project the facilities used by the 112th AOS will be turned over to the Pennsylvania Army National Guard for the Stryker mission. A joint National Guard Station will be created, with maintenance and repair of these facilities undertaken by the responsible agency. All functions in this project are considered "inhabited" buildings and meet the standoff distance requirements. This project meets the criteria/scope specified in the ANG Handbook 32-1084, "Facility Requirements". An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost effective action for this project.

AIR OPERATIONS SQUADRON AREA 1,951 SM = 21,000 SFHONOR GUARD AREA 139 SM = 1,500 SF

I. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DA	2. DATE
ANG	(computer generated)	February 200
3. INSTALLATION	N AND LOCATION	
STATE COLLEGE	ANG STATION, PENNSYLVANIA	
. PROJECT TITLE		7. PROJECT NUMBER
REPLACE AIR OPI	ERATIONS SQUADRON TRAINING FACILITY	WFGE039175
2. SUPPLEMEN	TAL DATA:	
a. Estimated Des	ign Data:	
(1) Status:		
, ,	Design Started	OCT 2004
(b) Paran	netric Cost Estimates used to develop costs	YES
(c) Perce	nt Complete as of Jan 2006	40%
	35% Designed	SEP 2005
	Design Complete	SEP 2006
	of Design Contract	STANDARD
(g) Energ	y Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
	ard or Definitive Design -	NO
(b) Wher	e Design Was Most Recently Used -	N/A
	(c) = (a) + (b) or (d) + (e):	(\$000)
	ction of Plans and Specifications	318
	ther Design Costs	159
(c) Total		477
(d) Contr (e) In-Ho		477
, ,		
(4) Contract A	award (Month/Year)	MAY 2007
(5) Constructi	on Start	JUN 2007
(6) Constructi	on Completion	APR 2008
* Indicate is compara	s completion of Project Definition with Parametric Cost Estimate able to traditional 35% design to ensure valid scope and cost and	which executability.
b. Equipment asso	ciated with this project will be provided from other appropriation	s: N/A

POINT OF CONTACT: LT COL PHILLIP HOWARD (301) 836-8070

1. COMPONENT						····	1 -	
1. COMPONENT	EV 2007 MILITARY CONCERNICATION PROJECT BARA					2.	DATE	
ANG	FY 2007 MILITARY CONSTRUCTION PROJECT DATA							
ANG (computer generate 3. INSTALLATION AND LOCATION					DOLLOT	CICCL E	Fe	bruary 2006
MEMPHIS INTERNA			j	4.	PROJECT	IIILE		
TENNESSEE	1101	AL AIRI ORT (IAI),		C-5 IN	FRASTRU	CTUDE		DADE
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC		·			
J. I ROGRAM LLEM	LIVI	0. CATEGORI CODE	/. PROJEC	JINUI	MBER	8. PKUJ	ECI	COST(\$000)
54119F		850-000	PYI	KL0190	81		\$5	,000
		9. COST	ESTIMATI	ES				
						UNI	T	COST
		ITEM		U/M	QUANTITY	Y COS	T	(\$000)
C-5 INFRASTRUCT				LS				4,506
MAIN GATE CON				SM	28	5,0	005	(140)
VEHCILE INSPEC				SM	149	1,0)55	(157)
		R & SURFACE) COURSI	E	SM	14,632		48	(702)
		G LIGHTING SYSTEMS		LS				(475)
		UCTURE SUPPORT		LS				(410)
PERIMETER FEN	CING	GATES		LM	2,713	2	230	(624)
SIDEWALKS				SM	8,194		72	(590)
		RIZONTAL SITEWORK		LS				(350)
		UPPLY AND APRON		SM	3,512] 1	02	(358)
COMMUNICATION INFRASTRUCTURE				LS				<u>(700)</u>
SUBTOTAL								4,506
CONTINGENCY (5%)								<u>225</u>
TOTAL CONTRACT COST								4,731
SUPERVISION, INSPECTION AND OVERHEAD (6%)								<u> 284</u>
TOTAL REQUEST	0017	IDED)						5,015
TOTAL REQUEST (ROUNDED)				i i		1		5,000

10. Description of Proposed Construction: Construct main base entry complex to include entry gatehouse, vehicle search area and necessary entry drive physical security measures; provide initial bituminous pavement binder and surface course on primary roadways; construct perimeter security fencing and gates; provide roadway and parking lot lighting, base traffic control signage and pavement markings; provide necessary site utility adjustments; construct primary walkways; provide communications outside plant distribution feed; headquarters/squadron operations courtyard plaza.

11. REQUIREMENT: As Required.

<u>PROJECT</u>: C-5 Infrastructure Upgrade (New Mission).

REQUIREMENT: The base requires properly aligned, adequately sized and serviceable vehicle pavements for unit assigned operational vehicles to support the conversion of the base from eight (8) C-141 aircraft to eight (8) C-5 aircraft. Provide supporting site development elements to include installation of perimeter security fencing and access control gates, main base entry access control and vehicle search capability, traffic control signage, roadway and parking area lighting, communications outside plant distribution feed and landscaping. The Air Force on behalf of the Air National Guard (ANG) and the Memphis-Shelby County Airport Authority has signed a Land Exchange Agreement (LEA). The LEA mandates the Airport Authority as the design and construction agent to replicate the existing ANG -141 facilities on the new land at a cost of \$77 million. The Air Force will return the existing 103 acres of land with the buildings in 2008 when construction of new base is completed. In return the Airport Authority has provided 118 acres of land and extended the real estate lease from 2024 to 2058 at no cost. This and other projects, in conjunction with the airport authority funding, will relocate the base to the new land and construct C-5 facilities which are energy efficient, meet force protection and allow for future expansion capability.

<u>CURRENT SITUATION</u>: As part of the C-5 conversion, the base is getting many new and larger facilities. These facilities require substantial infrastructure support. The roads and utility support for the common use areas are inadequate. The new site does not have the security fencing and gates to

1. COMPONENT	COMPONENT FY 2007 MILITARY CONSTRUCTION PROJECT DATA					
ANG	(computer generated)	February 2006				
3. INSTALLATION A						
MEMPHIS INTERNA	TIONAL AIRPORT (IAP), TENNESSEE					
5. PROJECT TITLE		7. PROJECT NUMBER				
C-5 INFRASTRUCTU	RE UPGRADE	PYKL019081				

meet the new DOD antiterrorism and force protection standards. Sidewalks are not available. The storm drainage does not flow properly. On base vehicle parking is not available. Traffic control road signs are not available. The ANG base is being relocated to another part of the Memphis Airport via the LEA. This project will provide necessary site preparation and landscaping.

IMPACT IF NOT PROVIDED: The relocation will not be completed. The facilities will not have adequate vehicle roadways, parking, proper utilities, or the necessary drainage and landscaping. The terrain will remain muddy; vehicle parking will be on dirt. This will result in a quagmire during inclement weather. The base will not have security fencing nor proper access control measures. The drainage will be incomplete resulting in damage to the grounds and facilities. Primary roadways will deteriorate very fast adding risk of FOD migration to aircraft operating surfaces. Inadequate access pavements to the apron will hinder cargo loading operations. Health and safety deficiencies will occur. DOD antiterrorism and force protection measures cannot be met.

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. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

MAIN GATE COMPLEX	28 SM =	300 SF
VEHICLE INSPECTON AREA	149 SM =	1,600 SF
MAIN ROADS (BINDER&SURF)	14,632 SM =	17,500 SY
PERIMETER FENCING/GATES	2,713 LM =	8,900 LF
SIDEWALKS	8,194 SM =	9,800 SY
ACCESS ROADS TO SUPPLY & APRON	3.512 SM =	4.200 SY

PYKL019081

1. COMPONENT		2. DATE
ANG	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	F-1 2006
3. INSTALLATION	(computer generated) AND LOCATION	February 2006
, 1110111DD11110111	THE ECONTION	
	ATIONAL AIRPORT (IAP), TENNESSEE	
5. PROJECT TITLE	7. PR	OJECT NUMBER
C-5 INFRASTRUCTU	JRE UPGRADE	PYKL019081
2. SUPPLEMENT	AL DATA:	
a. Estimated Desig	gn Data:	
_		
(1) Status:	esign Started	ии 2002
	tric Cost Estimates used to develop costs	JUL 2003 NO
	Complete as of Jan 2006	70%
* (d) Date 35		MAY 2005
	esign Complete	MAY 2006
	Design Contract	STANDARD
(g) Energy	Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
	d or Definitive Design -	NO
(b) Where	Design Was Most Recently Used -	N/A
(3) Total Cost ((c) = (a) + (b) or (d) + (e):	(\$000)
	ion of Plans and Specifications	300
	er Design Costs	150
(c) Total		450
(d) Contrac (e) In-Hous		450
(4) Contract Aw	vard (Month/Year)	FEB 2007
(5) Construction	n Start	MAR 2007
(6) Construction	1 Completion	APR 2008
* Indicates of is comparab	completion of Project Definition with Parametric Cost Estimate which le to traditional 35% design to ensure valid scope and cost and execut	ı ability.
b. Equipment associ	ated with this project will be provided from other appropriations:	N/A

POINT OF CONTACT: LT COL PHILLIP HOWARD (301) 836-8070

							γ	
1. COMPONENT					2.	DATE		
		FY 2007 MILITARY CO			OJECT DA	ΛTA	ŀ	
ANG (computer generated)						Fe	bruary 2006	
3. INSTALLATION AN			:		PROJECT			
MEMPHIS INTERNAT	ION	NAL AIRPORT (IAP),			EPLACE F	IRE CRA	SH F	RESCUE
TENNESSEE				STAT		_		
5. PROGRAM ELEMEN	ΙΤ	6. CATEGORY CODE	7. PROJEC	T NUN	MBER	8. PROJ	ECT	COST(\$000)
54119F		130-142	PYK	CL0190	85		\$4	,350
		9. COST	ESTIMATE	ES				
						UNI	T	COST
		ITEM		U/M	QUANTIT	Y COS	T	(\$000)
C-5 REPLACE FIRE ST	ΓA^{T}	ΓΙΟΝ		SM	1,198			3,198
FIRE STATION ARI				SM	1,198	2,6	548	(3,172)
ANTITERRORISM I				SM	1,198		22	(26)
SUPPORTING FACILI	TIE	ES		LS				725
PAVEMENTS				LS				(250)
SITE IMPROVEMEN	VTS	5		LS				(175)
UTILITIES				LS				(215)
COMMUNICATIONS SUPPORT				LS	•			(85)
SUBTOTAL								3,923
CONTINGENCY (5%)								<u> 196</u>
TOTAL CONTRACT COST SUPERVISION INSPECTION AND OVERHEAD (69/)								4,119
SUPERVISION, INSPECTION AND OVERHEAD (6%)								247
TOTAL REQUEST		IDED)						4,366
TOTAL REQUEST (ROUNDED)								4,350

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel-framed masonry walls, and standing-seam metal roof system. Interior partitions and mechanical, electrical, and fire protection systems. Exterior utilities, site improvements, parking and roads access pavements to the ramp area and to the on base road network, fire protection, drainage, landscaping, and passive force protection requirements.

Air Conditioning: 298 KW.

11. REQUIREMENT: 1,198 SM ADEQUATE: 0 SM SUBSTANDARD: 855 SM PROJECT: C-5 Replace Fire Crash Rescue Station (New Mission).

REQUIREMENT: This project supports the conversion of the base from eight (8) C-141 aircraft to eight (8) C-5 aircraft. The 164 Airlift Wing (AW) requires a facility to support crash and fire rescue training and operations for an eight (8) PAI C-5 aircraft wing. Functional areas include: pull through vehicle bays for fire/crash/rescue fire fighting vehicles, training classroom, administrative space, control room, physical fitness training space, support equipment maintenance space, and necessary storage space. The Air Force on behalf of the Air National Guard (ANG) and the Memphis-Shelby County Airport Authority has signed a Land Exchange Agreement (LEA). The LEA mandates the Airport Authority to replicate the C-141 facilities at the new land at a cost of \$77 million. The Air Force will return the existing 102 acres of land with the buildings in 2008 when the construction is completed. In return the Airport Authority has provided 116 acres of land and extended the lease from 2024 to 2058 at no cost. This and other projects, in conjunction with the airport authority funding, will relocate the base to the new land and construct C-5 facilities which are energy efficient, meet force protection and allow for future expansion capability.

<u>CURRENT SITUATION</u>: The existing fire station facility is too small. An addition and alteration cannot be done since the facility, which is sited on one corner of the property, is too close to the base perimeter and does not meet antiterrorism force protection standoff distances. The facility control room is undersized. The storage is inadequate. There are insufficient locker rooms for the fire crews and insufficient accommodation for female fire fighters. The unit is converting to C-5 aircraft and relocating to another site on the airport. The fire station must be relocated to allow the fire vehicles to meet response requirements to aircraft incidents on the new aircraft-parking apron. Additionally, a split

1. COMPONENT		2. DATE
ANG	FY 2007 MILITARY CONSTRUCTION PROJECT DA	
3. INSTALLATION	(computer generated)	February 2006
J. HISTREENHOIT	THE LOCATION	
	ATIONAL AIRPORT (IAP), TENNESSEE	
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 REPLACE FIRE	CRASH RESCUE STATION	PYKL019085
	rest of the installation would create major problems with	security of the facility and
command and conti	ol.	and the same same same same same same same sam
IMPACT IF NOT I	PROVIDED: The fire crash rescue station will be geograp	phically separated from the
remainder of the un	it resulting in a significant impact on operational control,	training and security
manning as security	forces personnel will be required to secure two separate	locations. Further, the
	ble to meet response times to the aircraft from the existin	g location if they remain
	rated. Cannot comply with the LEA. nis project meets the criteria/scope specified in Air Nation	-1 C1 II II 1 22
1084 "Facility Red	uirements" and is in compliance with the base master plan	n. This facility is an
"inhabited" building	g and meets the standoff distance requirements. There is	minimal threat and the
level of protection i	s low so minimum construction standards have been appl	ied. No other option could
meet the mission re	quirements; therefore, no economic analysis was needed of	or performed. In 2008 and
	this project, building number 378 at 855 SM along with t	he other buildings and
land will be returne	d to the Airport Authority per the signed LEA.	
EIDE CTATH	ON ADEA 1 100 CM - 12 000 CE	
FIRE STATE	ON AREA 1,198 SM = 12,900 SF	
!		

1. COMPONENT	1	10 DATE
1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DAT	\mathcal{L}_{A} 2. DATE
ANG	(computer generated)	February 2006
3. INSTALLATION	I AND LOCATION	
MEMPHIS INTERN	(ATIONAL AIRPORT (IAP), TENNESSEE	
5. PROJECT TITLE		7. PROJECT NUMBER
C C D D D L C D D D D		
C-5 REPLACE FIRE	E CRASH RESCUE STATION	PYKL019085
12. SUPPLEMEN	TAL DATA:	
a. Estimated Des	ign Data:	
(1) Status:		
	Design Started	FEB 2004
	netric Cost Estimates used to develop costs	NO
	nt Complete as of Jan 2006	70%
	5% Designed Design Complete	JUL 2005
	of Design Contract	MAR 2006
	y Study/Life-Cycle analysis was/will be performed	STANDARD YES
(8) 28	y study, 2110 Cycle analysis was win so performed	TES
(2) Basis:		
	ard or Definitive Design -	NO
(b) Where	e Design Was Most Recently Used -	N/A
(3) Total Cost	(c) = (a) + (b) or (d) + (e):	(\$000)
	ction of Plans and Specifications	260
	her Design Costs	130
(c) Total		390
(d) Contra		390
(e) In-Ho	use	
(4) Contract A	ward (Month/Year)	FEB 2007
(5) Construction	on Start	MAR 2007
(6) Construction	on Completion	APR 2008
* Indicates is compara	s completion of Project Definition with Parametric Cost Estimate valle to traditional 35% design to ensure valid scope and cost and e	which xecutability.
b. Equipment association	ciated with this project will be provided from other appropriations	: N/A

POINT OF CONTACT: LT COL PHILLIP HOWARD (301) 836-8070

1. COMPONENT							2	DATE
1. COMI ORIZIVI	FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2.	DATE			
ANG	(computer generated)			Fe	bruary 2006			
3. INSTALLATION A	AND	LOCATION		4. I	ROJECT	TITLE	·	
MEMPHIS INTERNA	TION	IAL AIRPORT (IAP),		C-5 RI	EPLACE S	QUADRO	N C	PERATIONS
TENNESSEE				AND S	SIMULATO	OR FACII	JTY	7
5. PROGRAM ELEMI	ENT	6. CATEGORY CODE	7. PROJEC	T NUN	/IBER	8. PROJ	ECT	COST(\$000)
54119F		141-753	PYK	L0190	78		\$16	0,000
			ESTIMATE		,,,		ΨI(7,000
		J. 0051	LOTHINITE	Ī		UNI	Т	COST
		ITEM		U/M	QUANTIT			(\$000)
C-5 SQUADRON OP	ERA'	TIONS/SIMULATOR FA	CILITY	SM	3,902			8,228
SQUADRON OPE				SM	2,295	1,8	362	(4,273)
SURVIVAL EQUI				SM	492	1,8	362	(916)
FLIGHT SIMULA				SM	1,115	2,6	548	(2,953)
ANTITERRORISM FORCE PROTECTION		SM	3,902		22	(86)		
SUPPORTING FACE	LITTE	ES		LS				760
UTILITIES				LS		İ		(375)
PAVEMENTS SITE IMPROVEM	TENTT	1		LS				(210)
SITE IMPROVEMENTS COMMUNICATIONS SUPPORT		LS LS				(125)		
SUBTOTAL			LS				(50)	
CONTINGENCY (5%)				i	1		8,988 449	
TOTAL CONTRACT COST							9,437	
		ION AND OVERHEAD (6%)					566
TOTAL REQUEST							10,003	
TOTAL REQUEST (I	ROUI	NDED)						10,000
						1		[

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel-framed masonry walls and roof structure. Interior walls and partitions. Includes all exterior utility systems, site improvements, and support.

Air Conditioning: 875 KW.

11. REQUIREMENT: 3,902 SM ADEQUATE: 0 SM SUBSTANDARD: 3,764 SM PROJECT: C-5 Replace Squadron Operations and Simulator Training Facility (New Mission). REQUIREMENT: The base requires an adequately sized and properly configured facility to accommodate airlift squadron operations and an area to accommodate the simulator equipment in support of the unit's conversion from eight (8) C-141 aircraft to eight (8) PAI C-5 aircraft. Functions to be accommodated include weapons and tactics, intelligence, briefing/debriefing, standardization and evaluation, flight planning, flight safety, flight records, physical training, life support, scheduling, unit administration, aircrew chemical warfare equipment, the base command post, and base operations and a transient passenger waiting area. The simulator area includes: the equipment bay, training rooms, equipment operator area and storage space. Portion of simulator facility has to be secure area. The Air Force on behalf of the Air National Guard (ANG) and the Memphis-Shelby County Airport Authority has signed a Land Exchange Agreement (LEA). The LEA mandates the Airport Authority to replicate the C-141 facilities at the new land at a cost of \$77 million. The Air Force will return the existing 102 acres of land with the buildings in 2008 when the construction is completed. In return the Airport Authority has provided 116 acres of land and extended the lease from 2024 to 2058 at no cost. This and other projects, in conjunction with the airport authority funding, will relocate the base to the new land and construct C-5 facilities which are energy efficient, meet force protection and allow for future expansion capability. The ANG share of the relocation costs are those facility requirements that would be needed if the base were to convert from C-141 to C-5 at the existing site. CURRENT SITUATION: The 164th AW has converted from eight (8) C-141 to eight (8) C-5. The

undersized and not properly configured to support C-5 aircraft operations and requires replacement to

C-141's have been decommissioned and retired. The squadron operations area is considerably

1. COMPONENT		2. DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT I	DATA
ANG	(computer generated)	February 2006
3. INSTALLATION A	AND LOCATION	-
MEMPHIS INTERNA	TIONAL AIRPORT (IAP), TENNESSEE	
5. PROJECT TITLE		7. PROJECT NUMBER
G C D FDV 4 GF GOVIA	DRON OPERATIONS AND SIMIL ATOR FACILITY	

support the mission change. The building does not meet force protection and cannot be upgraded. It is located at a major on base road intersection. The land constraints preclude the relocation of the road network. The building interior configuration is not conducive to the training environment of the C-5. Some training rooms are too small, and others are too large. There is no waiting or processing area for in-transit passengers. The intelligence area is not properly located. The survival equipment shop is undersized, located in another building, and will not support the necessary maintenance of the life rafts. IMPACT IF NOT PROVIDED: The base will not be able to support the beddown of the C-5 aircraft. Aircrews cannot train properly. The unit will have to remain in a split operation; the parking apron and aircraft on the new site while the squadron operations and simulator training area will be on the old site. Cannot comply with the LEA.

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. This facility is a "primary gathering" building and meets the standoff distance requirements. There is no threat and the level of protection is low so minimum construction standards have been applied. All known alternatives options were considered during the development of this project, no other option could meet the mission requirements; therefore, no economic analysis was needed or performed. In 2008 and upon completion of this project, building 401 along with the other buildings and land will be returned to the Memphis Airport Authority per the signed LEA.

SQUADRON OPERATIONS AREA 2,295 SM = 24,700 SF SURVIVAL EQUIPMENT SHOP AREA 492 SM = 5,300 SF FLIGHT SIMULATOR AREA 1,115 SM = 12,000 SF

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DA	2. DATE
ANG	(computer generated)	February 200
3. INSTALLATION	AND LOCATION	
MEMPHIS INTERN	ATIONAL AIRPORT (IAP), TENNESSEE	
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 REPLACE SQU	ADRON OPERATIONS AND SIMULATOR FACILITY	PYKL019078
2. SUPPLEMEN	ΓΑΙ ΝΑΤΑ:	
e. SOUTEENIEN		
a. Estimated Desi	gn Data:	
(1) Status:		
	Design Started	FEB 2004
	etric Cost Estimates used to develop costs	NO
	t Complete as of Jan 2006	70%
	5% Designed	MAR 2005
	Design Complete	JUN 2006
	f Design Contract	STANDARD
(g) Energy	y Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
	rd or Definitive Design -	NO
(b) Where	Design Was Most Recently Used -	N/A
	(c) = (a) + (b) or (d) + (e):	(\$000)
	ction of Plans and Specifications	600
	her Design Costs	300
(c) Total		900
(d) Contra (e) In-Hou		900
	ward (Month/Year)	FEB 2007
(5) Construction	on Start	MAR 2007
(6) Construction	on Completion	MAR 2008
* Indicates is compara	completion of Project Definition with Parametric Cost Estimate ble to traditional 35% design to ensure valid scope and cost and	e which executability.
b. Equipment assoc	riated with this project will be provided from other appropriation	ns: N/A

POINT OF CONTACT: LT COL PHILLIP HOWARD (301) 836-8070

1 (0) (70) (7)							,	
1. COMPONENT							2.	DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DATA							
ANG			uter generat				Fe	bruary 2006
3. INSTALLATION					PROJECT			
	ATION	NAL AIRPORT (IAP),			EPLACE A			
TENNESSEE				EQUII	PMENT SH	OP AND	STO	ORAGE
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	MBER	8. PROJ	ECT	COST(\$000)
54119F		218-712	PVI	KL0490	70		\$ 1	.400
* 1.7.2.2			ESTIMATI		70		Ψ-	,400
		9. 0031	ESTIMATI	<u> </u>	· · · · · · · · · · · · · · · · · · ·	1 1011		C007
		ITEM		11/34	OT IAN FIRE	UNI	_	COST
C 5 AID CD AET EOI	TIDA ((CE)	U/M		Y COS	1	(\$000)
		ENT STORAGE SHOP (A	(SE)	SM	1,161			2,711
		SHOP AND STORAGE		SM	1,161	1 '	067	(2,400)
TUG ACCESS RC		RCE PROTECTION		SM	1,839]	155	(285)
				SM	1,161		22	(26)
SUPPORTING FACILITIES		1.0				1,245		
UTILITIES PAVEMENTS		LS				(180)		
	O'N I'T' (7		LS				(125)
SITE IMPROVEMENTS			LS				(125)	
COMMUNICATIONS SUPPORT			LS				(65)	
COVERED WASHRACK AREA SUBTOTAL			LS				<u>(750)</u>	
CONTINGENCY (5%)							3,956	
TOTAL CONTRACT COST							<u>198</u>	
							4,154	
SUPERVISION, INSPECTION AND OVERHEAD (6%) TOTAL REQUEST							249	
TOTAL REQUEST (DOIN	(IDED)						4,403
TOTAL REQUEST (KOUI	(עםעעו						4,400
								1

10. Description of Proposed Construction: Reinforced concrete floors, masonry walls, steel-frame structure, and sloped roof structure. Includes overhead doors, exhaust systems, mechanical and electrical systems, overhead cranes, access pavements and equipment parking areas, site work, utilities, fire protection, equipment wash rack and support.

Air Conditioning: 70 KW.

11. REQUIREMENT: 1,161 SM ADEQUATE: 0 SM SUBSTANDARD: 491 SM PROJECT: C-5 Replace Aircraft Support Equipment Shop and Storage (New Mission). REQUIREMENT: This project supports the conversion of the base from eight (8) C-41 to eight (8) C-5 aircraft. The base requires a properly sized and configured facility in which to perform scheduled maintenance, repair, and upkeep of aircraft support equipment (ASE) in support of eight (8) PAI C-5 aircraft. Functional areas include repair bays sufficiently sized for the large sized ASE equipment, administration, training classroom, and parts and tool storage. The Air Force, on behalf of the Air National Guard (ANG) and the Memphis-Shelby County Airport Authority has signed a Land Exchange Agreement (LEA). The LEA mandates the Airport Authority to replicate the C-141 facilities on the new land at a cost of \$77 million. The Air Force will return the existing 102 acres of land with the buildings in 2008 when the construction is completed. In return, the Airport Authority has provided 116 acres of land and extended the lease from 2024 to 2058 at no cost. This and other projects in conjunction with the airport authority funding, will relocate the base to the new land and construct C-5 facilities which are energy efficient, meet force protection and allow for future expansion capability. <u>CURRENT SITUATION</u>: The base ASE shop is grossly undersized to accommodate the equipment set authorized to support the C-5 aircraft. The facility is 40 percent of the minimum authorized space. The 1961 vintage facility cannot be expanded due to siting constraints. It is located in a corner of the base near the perimeter fence and does not meet the antiterrorism and force protection siting criteria. Drainage in the area is very poor. The equipment bays are small. The door openings are not large enough to allow the larger C-5 equipment to enter the bays. Equipment storage is almost non-existent. The facility has an inadequate fire protection system. The latrines do not have provisions for females.

1. COMPONENT	TV AAAT MA ITA DA GANGTON GANG	2. DATE
ANG	FY 2007 MILITARY CONSTRUCTION PROJECT D (computer generated)	ATA February 2006
3. INSTALLATION		1 Cordary 2000
MEMPHIS INTERNA	ATIONAL AIRPORT (IAP), TENNESSEE	
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 REPLACE AIRC	RAFT SUPPORT EQUIPMENT SHOP AND STORAGE	PYKL049070
A covered equipme	ent wash rack does not exist. The equipment is washed o	on the ramp area. This

A covered equipment wash rack does not exist. The equipment is washed on the ramp area. This allows grease, oil and soap residue to flow into the nearby drainage ditch. This operation is not in accordance with the discharge permit with the state EPA.

IMPACT IF NOT PROVIDED: The base will be unable to maintain the equipment in a safe environment. The unit will continue to split operations between the parking apron on the new site and the ASE maintenance and storage facility on the existing site which increases risk of damage or injury

and generates additional cost. The equipment will have to be stored and maintained outside on the aircraft parking ramp area. This violates technical orders and it is not safe. The personnel continue to train and work in a substandard and antiquated facility creating further safety issues and continuing the possibility of a notice of violation from the state EPA. Cannot comply with the signed LEA.

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. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. There is minimal threat and the level of protection is low so minimum construction standards have been applied. In 2008 and upon completion of this project the existing building 452 at 491 SM along with the other buildings and land will be turned over to the Memphis-Shelby County Airport Authority per the signed LEA.

ASE MAINT. SHOP AND STORAGE 1,161 SM = 12,500 SF TUG ACCESS ROAD 1,839 SM = 2,200 SY

	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2000
INSTALLATION .	AND LOCATION	
EMPHIS INTERNA	ATIONAL AIRPORT (IAP), TENNESSEE	
PROJECT TITLE		PROJECT NUMBER
# P = P + A = + T = A		
-5 REPLACE AIRC	RAFT SUPPORT EQUIPMENT SHOP AND STORAGE	PYKL049070
. SUPPLEMENT	AL DATA:	
a. Estimated Desig	n Data:	
(1) Status:		
• /	esign Started	JUL 2004
(b) Parame	tric Cost Estimates used to develop costs	NO
(c) Percent	Complete as of Jan 2006	70%
* (d) Date 35		APR 2005
	esign Complete	JUN 2006
	Design Contract	STANDARD
(g) Energy	Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	1 5 6 11 5 1	
	d or Definitive Design -	NO
(b) Where	Design Was Most Recently Used -	N/A
	(c) = (a) + (b) or (d) + (e):	(\$000)
	ion of Plans and Specifications	260
	er Design Costs	130
(c) Total		390
(d) Contrac (e) In-Hous		390
. ,	vard (Month/Year)	FEB 2007
(5) Construction	, , , , , , , , , , , , , , , , ,	MAR 2007
(6) Construction	n Completion	APR 2008
* Indicates of is comparab	completion of Project Definition with Parametric Cost Estimate while to traditional 35% design to ensure valid scope and cost and except the cost	hich ecutability.
o. Equipment associ	ated with this project will be provided from other appropriations:	N/A

POINT OF CONTACT: LT COL PHILLIP HOWARD (301) 836-8070

1. COMPONENT							2.	DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DATA							
ANG			uter generate	ed)			Fe	bruary 2006
3. INSTALLATION	AND :	LOCATION		4. I	PROJECT	TITLE		
ELLINGTON FIELD	AIRP	ORT (AP), TEXAS	[PRED.	ATOR OPE	ERATION	S C	OMPLEX
PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	T NUN	IBER	8. PROJE	ECT	COST(\$000)
								(4111)
53219F		149-511	FW.	JH0690	90		\$6.	,000
		9. COST	ESTIMATE	ES				
					UNI	Γ	COST	
ITEM			U/M	QUANITI	COS	Т	(\$000)	
PREDATOR OPERA	TION	IS COMPLEX		SM	3,161			4,072
ALTER OPERAT	IONS	COMPLEX		SM	2,362	1,1	30	(2,669)
ADD TO OPERAT	ΓIONS	COMPLEX		SM	799	1,6		(1,333)
		RCE PROTECTION		SM	3,161	1 ′	22	(70)
SUPPORTING FACT	LITIE	ES		LS	ĺ			1,312
TEMPORARY FA				SM	1,672	2	69	(450)
		S, PAVEMENTS, AND U'		LS	·			(180)
UNINTERRUPTE	D PO	WER SUPPLY AND GEN	IERATOR	LS				(270)
SECURITY FENCING AND GATES		LM	152		82	(12)		
COMMUNICATIONS ALLIED SUPPORT			LM	2,438	1	64	(400)	
SUBTOTAL							5,384	
CONTINGENCY (5%)							269	
TOTAL CONTRACT COST							5,653	
	PECT	ION AND OVERHEAD (6%)					339
TOTAL REQUEST								5,992
TOTAL REQUEST (ROUN	NDED)						6,000

10. Description of Proposed Construction: Add to: concrete slab on grade, metal framed and sided facility, standing seam metal roof, and four overhead or roll-up type doors. Match existing base architectural style. Provide interior finishes and lighting, heating, ventilation, and air conditioning, alarm and camera systems, security lighting, fire protection and suppression, back up electrical generator, un-interruptible power capability, and a fuel tank. Provide grounding rods and points and floor mounted tie down rings. Install two government furnished 5 ton HVAC units. Provide site improvements, pavements, utilities, and communications support. Alter: reconfigure interior partitions and upgrade finishes and utilities to include walls, floor, ceilings, electrical and lighting, heating, ventilation, and air conditioning, plumbing, and fire detection and suppression and security alarms. Apply antiterrorism force protection measures as appropriate. Provide temporary facilities and associated utility and communications site work.

Air Conditioning: 438 KW.

11. REQUIREMENT: 3,161 SM ADEQUATE: 0 SM SUBSTANDARD: 2,362 SM PROJECT: Predator Operations Complex (New Mission)

REQUIREMENT: Ellington Air National Guard Base has been selected as a bed down site for a predator operations squadron. The base requires a properly sized and configured complex of facilities to support three ground control stations (GCS) (two permanent and one deployable); a Predator operations center (POC), a primary Predator satellite link (PPSL) location, and a Predator squadron operations area. The complex requires robust and redundant communications support with connectivity to two communications switches. Communications requirements include NIPERNET, SIPERNET, JWICS, DSN, and video-link capabilities. POC spaces include: administrative spaces, latrine facilities, minor break area, a controlled entry space, communications closet, and a critical Supplemental Compartmented Information Facility (SCIF) function. All Predator facilities require redundant communications connectivity which will require extension and looping of communications lines and switches from buildings 1142, 1377, and 1384; trenching, manholes, and four conduits. Full

1. COMPONENT		2. DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	A
ANG	(computer generated)	February 2006
3. INSTALLATION	AND LOCATION	
ELLINGTON FIELD	AIRPORT (AP), TEXAS	
5. PROJECT TITLE	17	. PROJECT NUMBER
DRED ATOR ORED A	DIONG GOVERN EN	

PREDATOR OPERATIONS COMPLEX
operational capability (FOC) for the mission is planned for Jan 2008. This new mission assignment

does not include maintenance or launch/recovery functions for the Predator. CURRENT SITUATION: The F-16 flying mission at Ellington was eliminated as part of BRAC 2005 recommendation number 111. The aircraft are currently scheduled to depart the base in early FY 2008. The installation will still support the based C-26 aircraft as well as an alert mission so most operations and maintenance facilities are not available for conversion to support the new Predator mission. In order to right size the space for all functions remaining at this installation and meet operational timelines, the development team has recommended that building 1193, at 2,362 SM (25,422 SF) be modified to support the Predator mission. This is the existing squadron operations facility and houses the C-26 squadron operations, base operations, command post and security police. In the long range plan for the installation, security police is programmed to relocate to the avionics shop under a follow on project. This project moves the security forces to temporary trailers now freeing up space for the Predator mission. Renovating building 1193 and adding an 800 SM (8,600 SF) storage-shed type facility addition will allow bed down of the Predator operations cell, its administrative support function, and the government furnished mobile ground control station facility. The existing squadron operations and security forces functions will be consolidated and relocated into temporary facilities to allow the renovation of the squadron operations area to begin prior to the departure of the F-16 aircraft IMPACT IF NOT PROVIDED: Predator Remotely Piloted Vehicle system bed down can not occur by

the high sensitivity of this mission.

ADDITIONAL: Remotely piloted vehicles (RPV) are a new mission to the Air National Guard. The scope of this project was developed by comparing the Active Duty criteria with the ANG Handbook 32-1084 for similar squadron operations facilities. Antiterrorism/Force Protection requirements have been considered in the development of this project. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no

the required full operating capability date. No other existing facility can accommodate the mission in this timeline. Communication line support can not be provided to any other existing or non-existing facility in the time required. Forced use of existing facilities would result in security violations due to

ALTER OPERATIONS COMPLEX	2,362 SM =	25,425 SF
ADD TO OPERATIONS COMPLEX	799 SM =	8,600 SF
TEMPORARY FACILITIES	1,672 SM =	18,000 SF
SECURITY FENCING AND GATES	152 LM =	500 LF
COMMUNICATIONS ALLIED SUPPORT	2,438 LM =	8,000 LF

economic analysis was needed or performed.

	MPONENT		2. DATE
	ANG	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	ΓΑ February 2006
3. INS	TALLATION A	AND LOCATION	
ELLIN	GTON FIELD	AIRPORT (AP), TEXAS	
5. PRO	JECT TITLE		7. PROJECT NUMBER
PREDA	ATOR OPERA	TIONS COMPLEX	FWJH069090
12 6	LIDDI EMENIT	CAL DATA	
12. S	SUPPLEMENT	AL DATA:	
a. E	Estimated Desig	gn Data:	
(1) Status:		
		esign Started	DEC 2005
		tric Cost Estimates used to develop costs	YES
		Complete as of Jan 2006	35%
		5% Designed	JAN 2006
		esign Complete	JUN 2006
		Design Contract	STANDARD
	(g) Energy	Study/Life-Cycle analysis was/will be performed	YES
(2	2) Basis:		
		d or Definitive Design -	NO
	(b) Where	Design Was Most Recently Used -	N/A
(3		c) = (a) + (b) or (d) + (e):	(\$000)
		tion of Plans and Specifications	360
		er Design Costs	180
	(c) Total		540
	(d) Contrac		540
	(e) In-Hous	se	
(4	4) Contract Aw	vard (Month/Year)	FEB 2007
(5	5) Construction	1 Start	MAR 2007
(6	6) Construction	1 Completion	APR 2008
	juipment associ	ated with this project will be provided from other appropriations	s: N/A

POINT OF CONTACT: MR. MARK BAILEY (301) 836-7042

ANTITERRORISM FORCE PROTECTION SUPPORTING FACILITIES SITE IMPROVEMENTS PAVEMENTS LS LS (60) 580 (110) (180)	1 COMPONENT	<u> </u>						Τ.	
ANG	1. COMPONENT	EV 1007 MILITADY CONCEDITORIAN PROTECT DATA			2.	DATE			
3. INSTALLATION AND LOCATION	ANG				_{F-}	l			
C-5 REPLACE FIRE, CRASH AND RESCUE STATION	(55.25 5.35			uter generati		DOIFOT		<u> </u> Fe	bruary 2006
EWVRA-SHEPHERD FIELD, WEST VIRGINIA RESCUE STATION	3. INSTALLATION	AND.	LOCATION						4375
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000) 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000) 5.4119F 130-142 PJVY009216 \$7,500 9. COST ESTIMATES U/M QUANIIIY COST (\$000) COST (\$000) COST (\$000) COST (\$000) SM 2,717 (2,250) (6,113) SM 2,717 (22) (60) SUPPORTING FACILITIES LS (110) SIZE INTERPRETABLE (SIZE	EWASHEDHEDI) EIEI	D WEST VIDGINIA					15H .	AND
SATION STATES STATION SM 2,717 COST COST STIMATES STATION SM 2,717 COST COST SUPPORTING FACILITIES LS COMMUNICATION SUPPORT CONTINGENCY (5%) CONTINGENC				7 PROJEC					
9. COST ESTIMATES ITEM U/M QUANIIIY COST (\$000) C-5 FIRE CRASH/RESCUE STATION SM 2,717 (5,17) 6,173 FIRE STATION AREA SM 2,717 (2,250) (6,113) ANTITERRORISM FORCE PROTECTION SM 2,717 (22) (60) SUPPORTING FACILITIES LS (580) (110) SITE IMPROVEMENTS LS (180) (180) PAVEMENTS LS (180) (180) UTILITIES LS (130) (20) COMMUNICATION SUPPORT LS (20) (20) DEMOLITION SM 871 (161) (140) SUBTOTAL (5753) (338) TOTAL CONTRACT COST (50) (50) SUPERVISION, INSPECTION AND OVERHEAD (6%) (50) (50) TOTAL REQUEST 7,516	5. PROGRAM ELEM	ENI	6. CATEGORY CODE	/. PROJEC	JI NUN	AREK	8. PROJ	ECT	COST(\$000)
SUPPORTING NUMBER 161 16	54119F		130-142	PJV	/Y0092	16		\$7	.500
C-5 FIRE CRASH/RESCUE STATION			9. COST	ESTIMATI	ES				
C-5 FIRE CRASH/RESCUE STATION SM 2,717 6,173 FIRE STATION AREA SM 2,717 2,250 (6,113) ANTITERRORISM FORCE PROTECTION SM 2,717 22 (60) SUPPORTING FACILITIES LS 580 SITE IMPROVEMENTS LS (110) PAVEMENTS LS (180) UTILITIES LS (130) COMMUNICATION SUPPORT LS (20) DEMOLITION SM 871 161 (140) SUBTOTAL (20) CONTINGENCY (5%) (338) TOTAL CONTRACT COST (338) TOTAL REQUEST (255) (255) TOTAL REQUEST (256) (255) TOTAL REQUEST (256) (256) TOTAL REQUEST (256) (256) TOTAL SIMPLE CONTRACT COST (256) TOTAL REQUEST (256) (256) TOTAL REQUEST (256) (256) TOTAL SIMPLE CONTRACT COST (256) TOTAL REQUEST (256) (256) TOTAL REQUEST (256) (256) TOTAL REQUEST (256) (256) TOTAL SIMPLE CONTRACT COST (256) TOTAL REQUEST (256) (256) (256) (256) TOTAL REQUEST (256) (256) (256) (256) (256) TOTAL REQUEST (256) (256) (256) (256) (256) (256) (256) (256) TOTAL REQUEST (256) (256) (256) (256) (256) (256)					T		UN	ΙΤ	COST
FIRE STATION AREA SM 2,717 2,250 (6,113) ANTITERRORISM FORCE PROTECTION SM 2,717 22 (60) SUPPORTING FACILITIES LS 15 (10) SITE IMPROVEMENTS LS (180) (180) PAVEMENTS LS (130) (20) UTILITIES LS (20) COMMUNICATION SUPPORT LS (20) DEMOLITION SM 871 161 SUBTOTAL 6,753 338 TOTAL CONTRACT COST 338 7,091 SUPERVISION, INSPECTION AND OVERHEAD (6%) 425 TOTAL REQUEST 7,516			ITEM		U/M	QUANTITY	z cos	ST	(\$000)
FIRE STATION AREA SM 2,717 2,250 (6,113) ANTITERRORISM FORCE PROTECTION SM 2,717 22 (60) SUPPORTING FACILITIES LS LS 580 SITE IMPROVEMENTS LS (110) PAVEMENTS LS (180) UTILITIES LS (130) COMMUNICATION SUPPORT LS (20) DEMOLITION SM 871 161 (140) SUBTOTAL 6,753 338 7,091 SUPERVISION, INSPECTION AND OVERHEAD (6%) 425 7,516	C-5 FIRE CRASH/R	ESCU	E STATION		SM	2,717			6,173
ANTITERRORISM FORCE PROTECTION SUPPORTING FACILITIES SITE IMPROVEMENTS PAVEMENTS UTILITIES COMMUNICATION SUPPORT DEMOLITION SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (6%) TOTAL REQUEST SM 2,717 22 (60) 580 2,717 LS (110) (180) (130) (20) 581 871 161 (140) 573 7,091 425 7,516	FIRE STATION A	REA			SM	2,717	2,	250	(6,113)
SUPPORTING FACILITIES LS S80	ANTITERRORISI	M FOF	RCE PROTECTION		SM	2,717		22	(60)
PAVEMENTS LS (180) UTILITIES LS (130) COMMUNICATION SUPPORT LS (20) DEMOLITION SM 871 161 (140) SUBTOTAL 6,753 338 7,091 CONTINGENCY (5%) 338 7,091 425 TOTAL CONTRACT COST 425 7,516					LS				580
UTILITIES COMMUNICATION SUPPORT DEMOLITION SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (6%) TOTAL REQUEST LS (130) (20) SM 871 161 (140) 6,753 7,091 425 7,516		IENTS	3						(110)
COMMUNICATION SUPPORT DEMOLITION SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (6%) TOTAL REQUEST COMMUNICATION SUPPORT LS (20) (140) ((180)
DEMOLITION SM 871 161 (140) SUBTOTAL 6,753 CONTINGENCY (5%) 338 TOTAL CONTRACT COST 7,091 SUPERVISION, INSPECTION AND OVERHEAD (6%) 425 TOTAL REQUEST 7,516	·								(130)
SUBTOTAL 6,753 CONTINGENCY (5%) 338 TOTAL CONTRACT COST 7,091 SUPERVISION, INSPECTION AND OVERHEAD (6%) 425 TOTAL REQUEST 7,516		ON SU	JPPORT		1				(20)
CONTINGENCY (5%) 338					SM	871		161	
TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (6%) TOTAL REQUEST 7,091 425 7,516					•				
SUPERVISION, INSPECTION AND OVERHEAD (6%) TOTAL REQUEST 7,516	` ,								
TOTAL REQUEST 7,516			=	(0/)					
7,510		PECI	ION AND OVERHEAD ((6%)					
7,500	`			1					
4.	TOTAL REQUEST (KOOI	NDED)						7,500

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel framed masonry walls, and sloped roof. Interior walls, fire protection and utilities. Exterior utilities, pavements, site improvements, communications extension and support. Demolish one building (871 SM).

Air Conditioning: 158 KW.

11. REQUIREMENT: 2,717 SM ADEQUATE: 0 SM SUBSTANDARD: 871 SM PROJECT: C-5 Replace Fire Crash and Rescue Station (New Mission).

<u>REQUIREMENT</u>: Provide an adequately sized, configured and sited fire station in support of the 167th Air Wing's (AW) conversion from 12 C-130 to 10 PAI C-5 aircraft. Functional areas include vehicle bays, administrative offices, training rooms, bunkrooms, kitchenette, a lounge, exercise area, storage and alarm room.

<u>CURRENT SITUATION</u>: The 167th AW currently flies 12 PAI C-130 aircraft. The fire station is grossly undersized to support the much larger fire vehicle set required to support C-5 aircraft operations at the installation. The facility is approximately one third of the minimum authorized space. An addition to the facility is not possible due to site constraints. The facility has only four stalls, and the minimum required is 12. As part of the C-5 conversion, the ramp area has been enlarged and relocated. The existing building is not properly sited for the ramp configuration and will be disposed.

<u>IMPACT IF NOT PROVIDED</u>: Unit will not be able to accept the full fire vehicle set required to safely support C-5 flying operations. Fire vehicles will have to be stored outside. They may not be able to respond during winter months. Flying operations will be at risk. Personnel will have to be housed in trailers since there are insufficient bunkrooms. Accept the risk of a non-responsive fire department. Access to the larger and relocated ramp is hindered.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. All known alternatives options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This facility is an "inhabited" building and meets the standoff distance requirements. There is no threat and the level of

1. COMPONENT		2. DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	
ANG	(computer generated)	February 2006
3. INSTALLATION	AND LUCATION	
	FIELD, WEST VIRGINIA	
5. PROJECT TITLE	7. PROJE	CT NUMBER
C-5 REPLACE FIRE,	CRASH AND RESCUE STATION PJ	VY009216
protection is low so	minimum construction standards have been applied. The building	140 (871 SM)
will be demolished	as a result of this project.	•
FIRE STATION	ON AREA $2717 \text{ SM} = 29,250 \text{ SF}$	
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. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 200
. INSTALLATION	AND LOCATION	
EWVRA-SHEPHERI	FIELD, WEST VIRGINIA	
. PROJECT TITLE	7.1	PROJECT NUMBER
C-5 REPLACE FIRE,	CRASH AND RESCUE STATION	PJVY009216
. SUPPLEMENT	AL DATA:	
a. Estimated Desig	n Data:	
(1) Status:		
	esign Started	JAN 2004
	tric Cost Estimates used to develop costs Complete as of Jan 2006	NO 700/
* (d) Date 35		70% MAY 2005
	esign Complete	APR 2006
(f) Type of	STANDARD	
(g) Energy	Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
	d or Definitive Design -	NO
(b) Where	Design Was Most Recently Used -	N/A
	(c) = (a) + (b) or (d) + (e):	(\$000)
	ion of Plans and Specifications	450
	er Design Costs	230
(c) Total		680
(d) Contrac (e) In-Hous		680
(4) Contract Av	vard (Month/Year)	APR 2007
(5) Construction	ı Start	MAY 2007
(6) Construction	1 Completion	APR 2008
* Indicates of is comparable.	completion of Project Definition with Parametric Cost Estimate whele to traditional 35% design to ensure valid scope and cost and executed the cost and ex	ich cutability.
o. Equipment associ	ated with this project will be provided from other appropriations:	N/A

POINT OF CONTACT: MAJ DENISE BOYER (301) 836-8187

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1. COMPONENT		EV 2007 MILITARY CO	NOTEDITOR	.011.02	0 tm cm = :		2.	DATE
ANG		FY 2007 MILITARY CO			OJECT DA	TA		
3. INSTALLATION	ANID		uter generat		DO IECT		Fe	bruary 2006
3. INSTALLATION	AND	LOCATION		4. I	PROJECT 7	TILE		
EWVRA-SHEPHERI) FIEI	LD, WEST VIRGINIA		C-5 RI	EPLACE B.	ASE SUPI	PLY	FACILITY
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJE	CT NUN	/IBER	8. PROJE	CT	COST(\$000)
								· ,
54119F		442-758	PJV	/Y0090	76		\$5	,700
·		9. COST	ESTIMAT	ES				
				İ		UNIT		COST
		ITEM		U/M	QUANITIY	COST	Γ	(\$000)
REPLACE LOGISTI				SM	3,395			4,169
WAREHOUSE ST				SM	2,160	9	58	(2,069)
WAREHOUSE AI				SM	845	1,6	58	(1,401)
WAREHOUSE CO				SM	232	8	07	(187)
HAZMAT PHARN				SM	158	2,7	99	(442)
		RCE PROTECTION		SM	3,163		22	(70)
SUPPORTING FACI	LITIE	ES		LS				963
UTILITIES				LS				(250)
PAVEMENTS				LS				(190)
SITE IMPOVEME				LS				(125)
DEMOLITION/AS				SM	1,882	1	61	(303)
COMMUNICATION SUPPORT			LS				(_95)	
SUBTOTAL							5,132	
CONTINGENCY (59								257
TOTAL CONTRACT								5,389
	PECT	TON AND OVERHEAD ((6%)					323
TOTAL REQUEST					}		5,712	
TOTAL REQUEST (KOUI	NDED)						5,700
				1		1		

10. Description of Proposed Construction: Steel-framing, brick and block masonry walls, clear span warehouse with minimum eve height of 6 meters. Standing seam metal roof and membrane roof system. Fenced storage compound, interior and exterior utilities, pavements, site improvements and support. Site selected for this facility is undeveloped and will require utility infrastructure to be brought into the site from remote locations. Demolish one building (1,882 SM) restore and landscape the site.

Air Conditioning: 350 KW.

11. REQUIREMENT: 3,395 SM ADEQUATE: 0 SM SUBSTANDARD: 2,480 SM PROJECT: C-5 Replace Base Supply Facility (New Mission).

<u>REQUIREMENT</u>: This project supports the conversion of the base from 12 C-130 to 10 C-5 aircraft. The base requires a properly sited, sized and configured supply complex to support 10 PAI C-5 aircraft. Functional areas include storage warehouse, traffic management, contracting, mobility storage, squadron administration, and hazardous material pharmacy.

CURRENT SITUATION: This project replaces the existing supply facility. The supply function is split among three separate buildings. The main supply building is a 1957 vintage facility and is inadequately configured to handle the size, quantity and workflow of supplies required for a C-5 aircraft unit and the rest of the base. The warehouse ceiling height of 4.9 meters is too low to allow the facility to be retrofitted with a mechanized material handling system. The loading docks are too low and require precision turning with a forklift to avoid falling off the 1.2 meter drop or running into the building. Delivery trucks have difficulty maneuvering to get to the loading/unloading docks. The structure has minimal insulation and antiquated HVAC systems making this facility one of the least energy efficient structures on the base. Offices are cooled by window air conditioners that blow their discharge air into the main warehouse area. The facility has an inadequate fire protection system and numerous other structural and safety deficiencies. In order to meet force protection requirements and as part of the C-5 conversion, the entire flight line has been enlarged and a new base entrance is being

1. COMPONENT		2. DATE
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ANG	February 2006	
3. INSTALLATION A	AND LOCATION	
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EWVRA-SHEPHERD	FIELD, WEST VIRGINIA	
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 REPLACE BASE	STIDDLY EACH ITY	DIVIVO00076

constructed. The current supply facility is not properly located based on the new master plan. The facility cannot be enlarged and since it cannot be fully utilized for its intended purpose, it will be demolished. This will also allow consolidations of the supply function and reutilization of the structurally sound buildings.

IMPACT IF NOT PROVIDED: Supply function will not be able to handle the size and number of parts necessary to support maintenance of C-5 aircraft. Higher utility costs due to outdated HVAC equipment and inadequate building insulation will continue. Facility does not meet force protection standards. Base leaderhip will be forced to accept the health and safety risks. Truck delivery will be difficult in the near future and impossible down the road when the master plan is fully implemented. 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. All known alternative options were considered during the development of this project. No other option could meet the mission requirement; therefore, no economic analysis was needed or performed. These facilities are "inhabited" buildings and meet the standoff distance requirements. There is minimal threat and the level of protection is low so minimum construction standards have been applied. The following building will be demolished at the completion of this project: 106 (1,882 SM).

WAREHOUSE STORAGE 2,160 SM = 23,250 SFWAREHOUSE ADMINISTRATION 845 SM = 9,100 SFWAREHOUSE COVERED STORAGE 232 SM = 2,500 SFHAZMAT PHARMACY 158 SM = 1,700 SF

COMPONE	NT FY 2007 MILITARY CONSTRUCTION PRO	2. DATE
ANG	(computer generated)	February 200
INSTALLA	TION AND LOCATION	
	HERD FIELD, WEST VIRGINIA	
PROJECT TI	TLE	7. PROJECT NUMBER
-5 REPLACE	BASE SUPPLY FACILITY	PJVY009076
. SUPPLE	MENTAL DATA:	
a. Estimated	Design Data:	
(1) Status	S:	
	Date Design Started	JAN 2004
(b) P	arametric Cost Estimates used to develop costs	NO
	ercent Complete as of Jan 2006	90%
	Pate 35% Designed	AUG 2005
	Date Design Complete	MAR 2005
	ype of Design Contract Energy Study/Life-Cycle analysis was/will be performed	STANDARD
(g) L	incigy Study/Elie-Cycle alialysis was/will be performed	YES
(2) Basis:		
	tandard or Definitive Design - Vhere Design Was Most Recently Used -	NO
(6) V	viicie Design was wost Recently Osed -	N/A
(3) Total	Cost $(c) = (a) + (b)$ or $(d) + (e)$:	(\$000)
	roduction of Plans and Specifications	340
	all Other Design Costs	170
(c) T		510
	Contract	510
(e) II	n-House	
(4) Contra	act Award (Month/Year)	FEB 2007
(5) Const	ruction Start	MAR 2007
(6) Const	ruction Completion	MAR 2008
* Indi is con	cates completion of Project Definition with Parametric Cos nparable to traditional 35% design to ensure valid scope and	st Estimate which d cost and executability.
. Equipment	associated with this project will be provided from other app	propriations: N/A

POINT OF CONTACT: MAJ DENISE BOYER (301) 836-8187

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1. COMPONENT				2.	DATE			
		FY 2007 MILITARY CO	NSTRUCTI	ON PR	OJECT DA	TΑ		
ANG		(computer generated)			Fe	bruary 2006		
3. INSTALLATION	AND :	LOCATION		4.]	PROJECT	TITLE		
				C-5 U	PGRADE/E	EXTEND	RUN	WAY AND
EWVRA-SHEPHERI	FIEL	D, WEST VIRGINIA		TAXI	WAYS			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	MBER	8. PROJ	ECT	COST(\$000)
								` ,
54119F		111-111	PJV	/Y0090	72		\$20),500
		9. COST	ESTIMAT	ES				
						UNI	Τ	COST
		ITEM		U/M	QUANTITY	y cos	T	(\$000)
EXTEND AND UPO	RADI	E RUNWAY AND TAXIV	WAYS	SM	137,121			17,102
EXTEND RUNW.	AY/TA	AXIWAYS		SM	49,330] 1	41	(6,956)
RUNWAY UPGR	ADE			SM	45,986	1	17	(5,380)
REPLACE SHOU	LDER	S/BLAST PADS		SM	41,805	1	14	(4,766)
SUPPORTING FACT		ES		LS				1,317
AIRFIELD LIGHT	ΓING			LM	2,682	1	84	(493)
DRAINAGE IMPI	ROVE	MENTS		LS				(310)
SITE IMPROVEMENTS			LS				<u>(514)</u>	
SUBTOTAL							18,419	
CONTINGENCY (5%)							921	
TOTAL CONTRACT COST							19,340	
SUPERVISION, INS	PECT	ION AND OVERHEAD ((6%)					1,160
TOTAL REQUEST				1				20,500

10. Description of Proposed Construction: Runway and Taxiway Extension: Construct subbase, base course, drainage, install pavement, extend runway lighting, relocate approach lighting system and navigational aids. Runway upgrade: provide new wearing course and raise runway lighting. Groove and mark runway pavements. Provide runway signs and site improvements.

11. REQUIREMENT: 137,121 SM ADEQUATE: 0 SM SUBSTANDARD: 87,791 SM PROJECT: C-5 Upgrade and Extend Runway and Taxiways (New Mission).

<u>REQUIREMENT</u>: The base is converting from 12 C-130 to 10 C-5 aircraft with delivery starting in late 2007. An adequately sized and structurally sound runway to allow the take off and landings of the C-5 aircraft is required. Additionally, taxiway extensions, consistent with the extended runway, are required to connect the ramp to the runway ends.

CURRENT SITUATION: The runway at this base is not long enough to support the training of the C-5 aircraft. The runway is 7,000 feet long; the C-5 aircraft requires a minimum 8,000-foot runway to provide a safe training environment. It is assumed that the C-5 aircraft will not take off from this base fully loaded, but will take off fully fuel loaded, and go to other locations to pickup cargo. They will use this base for training and maintenance only. The runway was designed to support small and medium weight aircraft and general aviation, civilian aircraft and will require structural upgrades to make it serviceable for the heavier C-5 aircraft. FY 2007 is the most appropriate year for this project. It is anticipated that in the spring/summer of 2007, the C-130 aircraft currently assigned will depart and the crews and maintenance personnel will begin training for the conversion to C-5 which will start to arrive in 2007. With no assigned aircraft, the runway can be shut down, and the overlay done in a more cost effective manner and with minimal disruption to air traffic and aircrews. However, since the airport also has commercial aircraft of corporate nature and light cargo, it is necessary to work around the total shut down of the runway. The construction work will be phased such that a portion of the runway will be open at all times to allow the small passenger aircraft to operate.

<u>IMPACT IF NOT PROVIDED</u>: The runway length will drastically limit training. Without the overlay, runway failure will have a devastating impact on training. The risk of a mishap will increase placing the aircrews and the community at risk. The runway will be shut down if the pavement is not upgraded.

1. COMPONENT			2. DATE
	FY 2007 MILITARY CONSTRUCTION P.	ROJECT DATA	
ANG	(computer generated)	***	February 2006
3. INSTALLATION A	AND LOCATION		
EWVRA-SHEPHERD	FIELD, WEST VIRGINIA		
5. PROJECT TITLE		7. PRO.	JECT NUMBER
	END RUNWAY AND TAXIWAYS		PJVY009072
	is project meets the criteria/scope specified in	n Air National Guar	d Handbook 32-

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements". All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. The construction of this project must be expedited and phased in order to keep a portion of the commercial runway open for traffic. This is the second of a two phased effort to upgrade the Runway/taxiway to meet the C-5 operational requirement.

EXTEND RUNWAY/TAXIWAYS 49,330 SM = 59,000 SY RUNWAY UPGRADE 45,986 SM = 55,000 SY REPLACE SHOULDERS/BLAST PADS 41,805 SM = 50,000 SY AIRFIELD LIGHTING 2,682 LM = 8,800 LF

1. COMPONENT		2. DATE
ANC	FY 2007 MILITARY CONSTRUCTION PROJECT	
ANG 3. INSTALLATION	(computer generated)	February 200
o. Installation	AND LOCATION	
) FIELD, WEST VIRGINIA	
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 UPGRADE/EXT	END RUNWAY AND TAXIWAYS	PJVY009072
2. SUPPLEMENT	AL DATA:	
a. Estimated Desig	gn Data:	
(1) Status:		
* /	esign Started	JAN 2004
(b) Parame	stric Cost Estimates used to develop costs	NO
(c) Percent	Complete as of Jan 2006	70%
* (d) Date 35		JUN 2005
	esign Complete	FEB 2006
(f) Type of	STANDARD	
(g) Energy	Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
	d or Definitive Design -	NO
(b) Where	Design Was Most Recently Used -	N/A
	c) = (a) + (b) or (d) + (e):	(\$000)
	tion of Plans and Specifications	1,200
	er Design Costs	600
(c) Total		1,800
(d) Contrac		1,800
(e) In-Hous	se	
(4) Contract Av	vard (Month/Year)	FEB 2007
(5) Construction	n Start	APR 2007
(6) Construction	n Completion	JUN 2008
* Indicates is comparab	completion of Project Definition with Parametric Cost Estimate to traditional 35% design to ensure valid scope and cost a	nate which and executability.
b. Equipment associa	ated with this project will be provided from other appropriati	ions: N/A

POINT OF CONTACT: MAJ DENISE BOYER (301) 836-8187

1. COMPONENT							1 2	DATE
		FY 2007 MILITARY CO	NSTRUCTI	ON PR	OJECT DA	TΑ	1 2.	DATE
ANG	(computer generated)			Fe	bruary 2006			
3. INSTALLATION	AND :	LOCATION		4. 1	PROJECT	TITLE		
					TO AND A			
		AIRPORT (MAP), WYO			H/RESCU	E STATIC)N	
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	MBER	8. PROJ	ECT	COST(\$000)
55296F		120 142	DD	F70000	25		•	•••
332901		130-142		EZ0090	3/		\$4	,200
		9. COST	ESTIMATI	ES	,			
		TOTAL C				UNI	-	COST
ADD TO FIRE CTA	TION	ITEM		U/M	Z-1	Y COS	T	(\$000)
ADD TO FIRE STA		NI ADEA		SM	1,853			3,442
ADD TO FIRE ST UPGRADE FIRE				SM	1,076	,	122	(2,606)
		ION AREA RCE PROTECTION		SM	777	1,0)23	(795)
SUPPORTING FAC				SM LS	1,853		22	(41)
UTILITIES	11	20		LS				310
PAVEMENTS				LS				(75)
SITE IMPROVEM	IENTS	S		LS				(25)
TEMPORARY FA	CILIT	TIES		LS				(135)
COMMUNICATION	ON SU	JPPORT		LS				(10)
SUBTOTAL							3,752	
CONTINGENCY (5%)							188	
TOTAL CONTRACT COST							3,940	
	PECT	ION AND OVERHEAD (6%)					236
TOTAL REQUEST TOTAL REQUEST (ROUNDED)							4,176	
TOTAL REQUEST (KOUN	NDED)						4,200
				1		l l		1

10. Description of Proposed Construction: Add to fire station apparatus bays - concrete foundation and floor slab, masonry walls, standing seam steel roof on steel joists supported by structural columns. Interior mechanical, electrical, fire detection, overhead vehicle doors, vehicle exhaust system, and infrared heating. Add to fire station maintenance and training area - reinforced concrete footings/floor slab. Masonry walls, roof and brick exterior to match existing structure. Concrete paved parking/walkways and landscape site. Alter - interior walls and utilities to make it one functional interior configuration. Temporary feailities are required during the remodeling of the existing area. Air Conditioning: 140 KW.

11. REQUIREMENT: 1,853 SM ADEQUATE: 0 SM SUBSTANDARD: 777 SM PROJECT: Add to and Alter Fire Crash/Rescue Station (Current Mission).

REQUIREMENT: The base requires a properly sized, correctly configured, safe facility to support the operation of a 24-man, 24-hour fire protection operation in support of an 8 PAA C-130 airlift wing. CURRENT SITUATION: Existing fire station (building 33) is deficient for the current mission. The non-existent fire protection system is posing an immediate danger to life and health. There is no apparatus bay exhaust system, no airlocks between bunkrooms and apparatus bays, no automatic sprinkler system, and no automatic carbon monoxide detection system. The existing fire station was designed for a full-time, 12-firefighter department, working 16-hour shifts versus the current 24firefighter, 24-hour per day shifts. The facility also supports Unit Training Assembly (UTA) for 27 traditional firefighters. Two full-time assistant chiefs and two full-time station captains, authorized 50 square meters office space, share one, 14 square meter office. There is no bunking capability for the alarm room operator who is forced to sleep in a recliner chair. Lack of conferencing space requires fire fighters to use the dining facility. Dependence on a single laundry facility creates health hazards because of disinfection and cleaning of blood/fuel soaked bunker gear while also using the same facility for bed linens. Disinfection of personnel is conducted on the outside of the building in every temperature extreme. There is one large bunkroom where the beds are separated with gymnasium equipment. The firefighters have a single 35 square meter training classroom; they are authorized 78

1. COMPONENT		2. DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DAT	'A
ANG	February 2006	
3. INSTALLATION	AND LOCATION	
CHEYENNE MUNIC	CIPAL AIRPORT (MAP), WYOMING	
5. PROJECT TITLE		7. PROJECT NUMBER
	CD FINE CD A GYANE GENERAL THOSE	

ADD TO AND ALTER FIRE CRASH/RESCUE STATION

DPEZ009037

square meters. To meet all training requirements they must train in the full-time fire fighters living spaces. Bunker gear is stored in lockers placed between fire trucks in the apparatus bays. Key command vehicles are parked outside where snow drifts and cold temperatures hinder operations. The 3785-liter aqueous film forming foam (AFFF) trailer must be stored in another facility in order to avoid freezing the essential fire retardant, negatively impacting response time. The Self Contained Breathing Apparatus (SCBA) compressor is stored outside and low temperatures inhibit operation during the winter ultimately slowing firefighting response. The building configuration is a deterrent to providing computer based training. Heat loads have increased due to additional computers and personnel creating interior temperatures that exceed 38 degrees Celsius in summer months.

IMPACT IF NOT PROVIDED: Accept the liability of exposing fire fighters to life threatening conditions by living and working in the existing fire station. The lack of adequate fire protection systems in the existing fire station jeopardizes the safety and health of all building occupants. Inadequate disinfection of blood-borne pathogen and fuel contaminated bunker gear creates grave health risks for the fire fighters. Support of fire fighting operations will be crippled because of equipment being stored in remote locations or vital support equipment being inoperable due to being stored outside. Deficient interior configuration, lack of apparatus bays, cramped conditions and insufficient training area will impede the training of firefighters and threaten the department's ability to meet mission requirements. Poor quality of life and workplace will continue to degrade morale and the safety of 8 C-130's will be imperiled.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

ADD TO FIRE STATION: 1,076 SM = 11,586 SFUPGRADE FIRE STATION: 777 SM = 8,364 SF

1. COMPONENT		2. DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	
ANG	(computer generated)	February 2006
3. INSTALLATIO.	N AND LOCATION	
CHEYENNE MUN	ICIPAL AIRPORT (MAP), WYOMING	
5. PROJECT TITLE	3 7.	PROJECT NUMBER
ADD TO AND ALT	TER FIRE CRASH/RESCUE STATION	DPEZ009037
12. SUPPLEMEN	NTAL DATA:	
a. Estimated De	sign Data:	
(1) Status:		
(a) Date	Design Started	FEB 2003
	metric Cost Estimates used to develop costs	NO
	ent Complete as of Jan 2006	99%
	35% Designed	MAR 2004
	Design Complete	FEB 2006
	of Design Contract	STANDARD
(g) Energ	gy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
	lard or Definitive Design -	NO
(b) When	re Design Was Most Recently Used -	N/A
(3) Total Cos	t(c) = (a) + (b) or (d) + (e):	(\$000)
	action of Plans and Specifications	250
	Other Design Costs	130
(c) Total		380
(d) Contr		380
(e) In-Ho	buse	
(4) Contract A	Award (Month/Year)	FEB 2007
(5) Construct	ion Start	MAR 2007
(6) Construct	ion Completion	APR 2008
* Indicate is compar	es completion of Project Definition with Parametric Cost Estimate wheable to traditional 35% design to ensure valid scope and cost and exe	ich cutability.
b. Equipment asso	ociated with this project will be provided from other appropriations:	N/A

POINT OF CONTACT: MR SCOTT MULHOLLAND (301) 836-8347

DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2007

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313: PLANNING AND DESIGN \$18,838,000

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		TW 2006 NOW IT A DAY GO	NAME TO SERVICE				2.	DATE
ANG		FY 2006 MILITARY CO (comp	NSTRUCTI uter generate		OJECT DA	TA	Fel	bruary 2006
3. INSTALLATION	AND I	LOCATION		4. I	PROJECT T	TTLE		
VARIOUS LOCATIO					NING AND	DESIG	1	
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	MBER	8. PROJ	ECT	COST(\$000)
55296F		999-999	AA	AA 0700	001		\$18	3,838
		9. COST	ESTIMATI	ES				
		ITEM		U/M	QUANITIY	UNI COS		COST (\$000)
PLANNING AND DESIGN (P-313) SUBTOTAL TOTAL CONTRACT COST TOTAL REQUEST				LS				18,838 18,838 18,838 18,838

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

PROJECT: Planning and Design

REQUIREMENT: The ANG needs planning and design funds for projects that are to be included in future MILCON programs. The FY 2007 design funds are needed to complete the design for those projects that are to be included in the FY 2008 MILCON program and to begin the design for those projects to be included in the FY 2009 program. Funds also provide for design of the FY 2007 unspecified minor construction program.

<u>CURRENT SITUATION</u>: The ANG requires the design money in FY 2007 to ensure the design milestones for the FY 2008 and FY 2009 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 2007

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 341: UNSPECIFIED MINOR CONSTRUCTION \$6,000,000

PART I -- PURPOSE AND SCOPE

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

PART II -- JUSTIFICATION OF FUNDS REQUESTED

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

1. COMPONENT							12	DATE	
1. COM ONEM		FY 2006 MILITARY CO	NSTRUCTI	ON PR	OJECT DA	ΛTΑ	2.	DATE	
ANG		(comp	uter generat				Fe	bruary 2006	
3. INSTALLATION	AND	LOCATION		4.]	PROJECT	TITLE			
VARIOUS LOCATIO				UNSP	ECIFIED N	MINOR CO	ONS	TRUCTION	
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	MBER	8. PROJ	ECT	COST(\$000)	
55296F		999-999	AA.	AA 0700	002		\$6	\$6,000	
		9. COST	ESTIMAT	ES					
		ITEM		U/M	QUANITI	UNI Y COS	_	COST (\$000)	
UNSPECIFIED MINOR CONSTRUCTION (P-341) SUBTOTAL TOTAL CONTRACT COST TOTAL REQUEST				LS				6,000 6,000 6,000 6,000	

10. Description of Proposed Construction: Provides funding for unspecified minor construction projects not otherwise authorized by law and having a funded cost between \$750,000 and \$1,500,000. Projects include construction, alteration, or conversion of permanent or temporary facilities. The Secretary of the Air Force has the authority to approve projects of this nature under the provisions of 10 U. S. Code 18233a and 10 U. S. Code 2805.

11. REQUIREMENT: As Required

PROJECT: Unspecified Minor Construction Program

REQUIREMENT: This program provides the means of accomplishing urgent, unforeseen projects costing over \$750,000, but not exceeding \$1,500,000. The project requirements are anticipated to arise during late FY 2006 or FY 2007, 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 2007 MILCON program and the projects cannot wait for the FY 2008 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 2007

١		
	SECTION III	

INSTALLATION DATA

1. COMPONENT	FV 2007 GH	ARD AND RESERVE	· · · · · · · · · · · · · · · · · · ·	2 DATE				
ANG		CONSTRUCTION		2. DATE February 20	<u> </u>			
3. INSTALLATION	4. AREA CONSTR							
		COST INDEX						
MARCH AIR RESE	1.0	9						
5. FREQUENCY A	ND TYPE OF UTILIZATION			**************************************				
One weekend per me	One weekend per month for UTA's in addition to two weeks per year							
6 OTHER ACTIVI	E/GUARD/RESERVE INSTAL	LATIONIC WITHIN 15 NO	I EC DADATA					
0. OTHER ACTIVE	E/GUARD/RESERVE INSTAL	LATIONS WITHIN 15 MI	LES RADIUS		i			
7. PROJECTS REO	UESTED IN THIS PROGRAM	· FY 2007						
CATEGORY			COST	DESIGN S	TATUS			
<u>CODE</u>	PROJECT TITLE		\$(000)	START	CMPL			
	or Operations and Training	6,380 SM (68,682 SF)	6,000	Dec 05	Jul 06			
Com	plex							
					İ			
8. STATE RESERV	E FORCES FACILITIES BOA	RD RECOMMENDATION	1					
Facilities identified in	n item 6 have been examined by	the State Reserve Forces F	Facilities Board		joint			
use/expansion. The	Board recommendations are: Un	nilateral Construction Appr		Dec 05	ŀ			
			((Date)				
9. LAND ACQUIST	TION PEOLIPED			X7				
J. EMIND MCQCISI	TION REQUIRED		(Num	None ber of Acres				
10 PROJECTS PLA	ANNED IN NEXT FOUR YEAR) C	(INUII)	der of Acres				
CATEGORY	WILD IN NEXT TOOK TEAD	7.3			COST			
CODE	PROJECT TITLE		SCOP		COST			
	ANOUZOT TITEL		<u>3COF</u>	<u>E</u>	<u>\$(000)</u>			
R&M	Unfunded Requirement: \$1,35	0.000						
1100111	omanaca requirement. \$1,55	0,000						
					1			

1. COMPONENT	FY 2007 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2006

3. INSTALLATION AND LOCATION

MARCH AIR RESERVE BASE, RIVERSIDE

11. PERSONNEL STRENGTH AS OF 01 Jul 05

	PERMANENT			GUARD/RESERV		ERVE	
	<u>TOTAL</u>	<u>OFFICER</u>	ENLISTED	<u>CIVILIAN</u>	TOTAL	OFFICER	ENLISTED
AUTHORIZED	256	34	222	0	861	125	736
ACTUAL	249	33	216	0	840	110	730

12. RESERVE UNIT DATA

	STREN	NGTH
<u>UNIT DESIGNATION</u>	AUTHORIZED	ACTUAL
163 AMXS	64	64
163 Air Refueling Wing	53	52
163 Civil Engineering Squadron	80	75
163 Communication Flight	41	47
163 Logistics Group	11	8
163 Logistics Squadron	103	101
163 Medical Squadron	82	69
163 MOF	24	26
163 Maintenance Squadron	156	151
163 Mission Support Flight	24	24
163 Operations Group	6	5
163 Operations Support Flight	27	26
163 Security Forces Squadron	60	66
163 Support Group	9	6
163 Services Flight	34	36
196 Air Refueling Squadron	72	73
210 Weather Flight	15	11
TOTALS	861	840

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
KC-135 Aircraft	9	10
Support Equipment	111	90
Support Equipment Non Powered	91	89
Vehicle Equivalents	249	251
Vehicles	96	95

	O T TOO O		
1/1	CALIFORNA SHAINING DOLL	TTTOXI AXID CARPETION	A) DEFICIENCIES FY 2007
14	COLSTANDING POLL		AT DEED TENETIES EV 2007

CATEGORY		,	CST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE	\$(000)	START	CMPL

NONE

ANG	ENT	I	Y 2007 GUA				2. DATE	
	ATION A	AND LOCATION		CONSTRUCT	ION		February 2	
							COST IN	
		N HEAD IAP, S					.84	4
Year-round op	erationa	D TYPE OF UTI l training of Air l e weekend per m	National Guard	l units, and oth weeks per year	ner Reserve	Components	' and Active l	Duty
6. OTHER AC 2 Army Bases-	CTIVE/C -Hunter a	GUARD/RESER' and Fort Stewart,	VE INSTALL. 1 Marine Nav	ATIONS WIT ral Station-Bui	HIN 15 MI ford Naval	LES RADIUS	S	
7. PROJECTS CATEGORY	REQUI	ESTED IN THIS	PROGRAM:	FY 2007		COST		
CODE		PROJECT TITL	E	SCOPE		COST \$(000)	<u>DESIGN</u> <u>START</u>	STATUS CMPL
171-445 F		Operations, Train by Forces Comple		3,252 SM (35,000 SF)	7,100	Jul 04	Sep 06
Facilities identi	ified in i	FORCES FACIL tem 6 have been ard recommenda	examined by t	he State Reser	ve Forces I	acilities Boar	rd for possibl 9 Jul 05 (Date)	e joint
Facilities identiuse/expansion.	ified in i The Bo	tem 6 have been ard recommenda	examined by t tions are: Uni	he State Reser lateral Constru	ve Forces I	Facilities Boar	9 Jul 05	
Facilities identiuse/expansion. 9. LAND ACC	ified in i The Bo	tem 6 have been ard recommenda	examined by t tions are: Uni	he State Reser lateral Constru	ve Forces I	Facilities Boar	9 Jul 05 (Date)	· s)
Facilities identiuse/expansion. 9. LAND ACC	ified in i The Bo QUISITIO	tem 6 have been ard recommenda	examined by t tions are: Uni	he State Reser lateral Constru	ve Forces I	Facilities Boar	9 Jul 05 (Date) None mber of Acres	
Facilities identiuse/expansion. 9. LAND ACC 10. PROJECTS CATEGORY CODE 725-517	OUISITION BRAC -	tem 6 have been ard recommenda ON REQUIRED NED IN NEXT I PROJECT TITLE Relocate Civil E	examined by to tions are: Unitions are: Unit	he State Reser lateral Constru	ve Forces I	Facilities Boar Foved 1 (Nur	9 Jul 05 (Date) None mber of Acres	COST \$(000)
Facilities identiuse/expansion. 9. LAND ACC 10. PROJECTS CATEGORY CODE 725-517	UISITION BRAC - Replace	tem 6 have been ard recommenda ON REQUIRED NED IN NEXT I	examined by t tions are: Uni FOUR YEARS Engineer Regio	he State Reser lateral Constru	ve Forces I	Facilities Boar	9 Jul 05 (Date) None mber of Acres PE (814 SF) (50,000 SF)	S) COST

. COMPONENT FY 2007 GUARD AND RESERVE ANG MILITARY CONSTRUCTION	2. DATE February 2006
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11. PERSONNEL STRENGTH AS OF 01 Aug 05

		PER	MANENT		G1	UARD/RESI	ERVE
	<u>TOTAL</u>	<u>OFFICER</u>	ENLISTED	<u>CIVILIAN</u>	TOTAL	OFFICER	ENLISTED
AUTHORIZED	315	34	281	0	1,056	145	911
ACTUAL	315	34	281	0	1,025	140	885

12. RESERVE UNIT DATA

	STRE	NGTH
<u>UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	ACTUAL
158 Airlift Wing	58	54
165 Aircraft Generation Squadron	63	64
165 Aerial Port Squadron	96	83
165 Airlift Squadron	114	108
165 Civil Engineering Squadron	94	85
165 Communication Flight	47	47
165 Logistics Group	10	6
165 Logistics Squadron	114	102
165 Logistics Support Flight	13	12
165 Medical Squadron	57	71
165 MDS OL	7	7
165 Maintenance Squadron	141	133
165 Mission Support Flight	30	29
165 Operations Group	6	5
165 Operations Support Flight	19	19
165 Security Forces	72	80
165 Support Group	5	5
165 Services Flight	29	41
CRTC Combat Readiness Training Center	81	74
TOTALS	1,056	1,025

13. MAJOR EOUIPMENT AND AIRCRAFT																												
13. MANUK FULIPMENI AND AIRCRAF	FT	Δ	'n	C	R	r	A)	Γ	N	7.	` 4	V	E.	1	۱	P	H	T	n	F	₹	ЭI	10	Α	M	13.	

TYPE	<u>AUTHORIZED</u>	ASSIGNED
C-130H Aircraft	8	9
Support Equipment	330	330
Vehicle Equivalents	235	224

	ING POLLUTION AND SAFET	Y(OSHA) DEFICIENC	CIES FY 2007	
CATEGORY			CST	DESIGN STATUS
<u>CODE</u>	PROJECT TITLE	<u>SCOPE</u>	\$(000)	START CMPL

NONE

1. COMPON	FNT I	FV 2007 GUA	RD AND RESERVE		2. DATE	
ANG			CONSTRUCTION		February 2	2006
3. INSTALL.	ATION	AND LOCATION			4. AREA C	
					COST IN	
		TERNATIONAL AIRPORT, FO	RT WAYNE		.96	5
		ND TYPE OF UTILIZATION	1 6 11		_	
and training.	iining A	Assemblies per month, 15 days and	nual field training per yea	r, daily use by	technician/,	AGR force
and training.						
6. OTHER A	CTIVE	E/GUARD/RESERVE INSTALL	ATIONS WITHIN 15 MI	LES RADIUS	·	
		ard Armory, 1 Army Reserve Fac				:
				•		
		UESTED IN THIS PROGRAM:				
CATEGORY CODE		PROJECT TITLE		COST	DESIGN	
CODE		FROJECT TITLE	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>
730-835	Renlac	e Security Forces Operations	1,686 SM (18,149 SF)	4,300	May 03	Mar. 06
, , , , , , , , , , , , , , , , , , , ,		Fraining Facility	1,000 514 (10,147 51)	7,500	May 03	May 06
		<i>3</i> ,				
8. STATE RE	ESERV	E FORCES FACILITIES BOAR	D RECOMMENDATION	1		
Facilities iden	itified i	n item 6 have been examined by t	he State Reserve Forces F	acilities Board		e joint
use/expansion	i. The	Board recommendations are: Uni	lateral Construction Appr		Jun 05	
				(Date)	ļ
						į
						ŀ
9. LAND AC	QUISI	TION REQUIRED			None	
				(Numb	er of Acres	s)
	TS PLA	NNED IN NEXT FOUR YEARS	8			·
CATEGORY						COST
CODE		PROJECT TITLE		<u>SCOPI</u>	<u> </u>	<u>\$(000)</u>
219-944		avements and Grounds Facility		743 SM (8,00		1,500
141-181	Aircra	aft Readiness Shelters		1,145 SM (1	2,320 SF)	4,900
	R&M	Unfunded Requirement: \$8,658,0	000			j
	KCCIVI	Chranded Requirement. \$8,038,0	000			
						1

Previous editions may be used.

Page No. III-5

DD FORM 1390s, 1 DEC 76

GUARD/RESERVE TOTAL OFFICER ENLISTEI 956 96 860 996 83 913 STRENGTH AUTHORIZED ACTUAL 160 153 93 112 38 46
TOTAL OFFICER ENLISTEI 956 96 860 996 83 913 STRENGTH AUTHORIZED ACTUAL 160 153 93 112
TOTAL OFFICER ENLISTEI 956 96 860 996 83 913 STRENGTH AUTHORIZED ACTUAL 160 153 93 112
TOTAL OFFICER ENLISTEI 956 96 860 996 83 913 STRENGTH AUTHORIZED ACTUAL 160 153 93 112
TOTAL OFFICER ENLISTEI 956 96 860 996 83 913 STRENGTH AUTHORIZED ACTUAL 160 153 93 112
956 96 860 996 83 913 STRENGTH AUTHORIZED ACTUAL 160 153 93 112
STRENGTH AUTHORIZED ACTUAL 160 153 93 112
AUTHORIZED ACTUAL 160 153 93 112
AUTHORIZED ACTUAL 160 153 93 112
AUTHORIZED ACTUAL 160 153 93 112
160 153 93 112
93 112
49 50
96 112
55 50
31 26
24 25
9 9
21 21 212 218
212 3 218 3
26 22
73 78
5 0
20 26
<u>41</u> <u>45</u>
956 996

<u>TYPE</u>	<u>AUTHORIZED</u>	ASSIGNED
F-16 C/D Aircraft	15	17
Support Equipment	183	183
Vehicle Equivalents	254	254
Vehicles	98	98

l	14 OUTSTANDING POLLUTION AND SAFETY(OSHA)	DEFICIENCIES FY 2007
l	CATEGORY	CCT

NONE

1. COMPONENT	FY 2007 G	UARD AND RESERVE		2. DATE			
ANG	MILITAE		February 2006				
3. INSTALLATIO		4. AREA CONSTR					
		COST INDEX					
STANLY COUNT		.84					
5. FREQUENCY AND TYPE OF UTILIZATION Typelyo monthly accomplies non-year 15 days are all field to initiate and 15 days are all field to initiate							
Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.							
ioi training.							
<u>:</u>							
6. OTHER ACTIV	E/GUARD/RESERVE INSTA	LLATIONS WITHIN 15 MI	LES RADIUS				
1 Army National G	uard; 1 Air National Guard						
7 DROIECTC DE	OLIEGAED DI THIC DE COR A	N. T. T. A.A.A.					
CATEGORY	QUESTED IN THIS PROGRA		COST	DECICN CTATE			
CODE	PROJECT TITLE		\$(000)	DESIGN STATUS START CMPL			
		<u>BCOLD</u>	<u>\$(000)</u>	START CIVITE			
171-447 Reloc	ate Communications and	2,323 SM (25,000 SF)	5,100	Apr 04 Sep 06			
Ele	ctronics Training Complex	,	•	1P			
8 STATERESER	VE FORCES FACILITIES BO	ARD RECOMMENDATION	,T				
	in item 6 have been examined 1			for possible joint			
use/expansion. The	Board recommendations are:	Unilateral Construction Appr	oved 20	Jan 05			
		11		Date)			
			·	,			
O I AND ACCURA	ITION DECLUEED		· · · · · · · · · · · · · · · · · · ·				
9. LAND ACQUIS	THON REQUIRED		<u> </u>	None			
10 PPOJECTS DI	ANNED IN NEXT FOUR YEA	A D C	(Numi	ber of Acres)			
CATEGORY	ANNED IN NEXT FOUR TEX	ANS		COST			
CODE	PROJECT TITLE		SCOP	COST <u>E</u> \$(000)			
			<u>5001</u>	<u> \$(000)</u>			
R&N	M Unfunded Requirement: \$1,4	495,000					
	•						
				}			

1. COMPONENT	FY 2	007 GUARD AND R	ESERVE	2. DATE
ANG		LITARY CONSTRU		February 2006
3. INSTALLATION	N AND LOCATION			
STANLY COUNTS	AIRPORT, ALBEMA	DIE		
	STRENGTH AS OF 31.			
,		ANENT		D/RESERVE
AUTHORIZED	FOTAL OFFICER E	28 0		FICER ENLISTED 18 127
ACTUAL	23 2	21 0		16 92
12. RESERVE UNI	T DATA			
			STRE	ENGTH
	<u>IGNATION</u>		AUTHORIZED	ACTUAL
118 Air Suj 235 ATC	pport Operations Squadr	on	66	54
233 ATC		TOTALS	<u>79</u> 145	<u>54</u> 108
		TOTALS	143	100
13. MAJOR FOLUP	MENT AND AIRCRAF	T		
and a second		•		
	<u>'PE</u>	<u>A</u>)		SIGNED
Vehicle Equivalents			425	431
14 OUTSTANDING	FOLLUTION AND SA	AFETY(OSHA) DEF		
CATEGORY CODE	PROJECT TITLE	SCOPE	CST \$(000)	DESIGN STATUS
<u> </u>	INOVICE TILL	SCOPE	<u>\$(000)</u>	START CMPL
NONE				
				1
DD FORM 1390s, 1 D	FC 76 Pres	ious editions may be	need T	Page No. III 8

1. COMPONENT		GUARD AND RESERVE		2. DATE		
ANG		RY CONSTRUCTION		February 2006		
3. INSTALLATIO						
HECTOR INTERN		COST IN				
5. FREQUENCY A						
	assemblies per month, 15 days		r, daily use by	v technicians a	and State	
personnel for training	ng.	8 F 7	,	, comment of	ma state	
C OMITTED LONG						
	E/GUARD/RESERVE INSTA					
Maintenance Shon	uard Armory which also house and 2 Army Reserve Facilities	es the Naval Reserve, I Army	National Gu	ard Organizat	ional	
wantenance snop,	and 2 rainly reserve racinities	5				
7. PROJECTS REC	QUESTED IN THIS PROGRA	M: FY 2007				
CATEGORY	•		COST	DESIGN	STATUS	
CODE	PROJECT TITLE	<u>SCOPE</u>	<u>\$(000)</u>	START	<u>CMPL</u>	
141-453 Preda	tor Operations Complex	3,033 SM (32,651 SF)	5,500	Dec 05	Aug 06	
Facilities identified	VE FORCES FACILITIES BO in item 6 have been examined Board recommendations are:	by the State Reserve Forces	Facilities Boa	ard for possible 27 Dec 05 (Date)	e joint	
Facilities identified	in item 6 have been examined	by the State Reserve Forces	Facilities Boa	27 Dec 05	e joint	
Facilities identified	in item 6 have been examined	by the State Reserve Forces	Facilities Boa	27 Dec 05	e joint	
Facilities identified use/expansion. The	in item 6 have been examined	by the State Reserve Forces	Facilities Boa	27 Dec 05	e joint	
Facilities identified use/expansion. The	in item 6 have been examined Board recommendations are: ITION REQUIRED	by the State Reserve Forces (Unilateral Construction App	Facilities Boaroved	27 Dec 05 (Date)		
Facilities identified use/expansion. The D. LAND ACQUIS 10. PROJECTS PL.	in item 6 have been examined Board recommendations are:	by the State Reserve Forces (Unilateral Construction App	Facilities Boaroved	27 Dec 05 (Date)	- s)	
Facilities identified use/expansion. The D. LAND ACQUIS O. PROJECTS PL. CATEGORY	in item 6 have been examined Board recommendations are: ITION REQUIRED ANNED IN NEXT FOUR YE	by the State Reserve Forces (Unilateral Construction App	Facilities Boaroved (Nu	27 Dec 05 (Date) None mber of Acres	s) COST	
Facilities identified ise/expansion. The LAND ACQUIS O. PROJECTS PL.	in item 6 have been examined Board recommendations are: ITION REQUIRED	by the State Reserve Forces (Unilateral Construction App	Facilities Boaroved	27 Dec 05 (Date) None mber of Acres	- s)	
Facilities identified use/expansion. The D. LAND ACQUIS O. PROJECTS PL. CATEGORY	in item 6 have been examined Board recommendations are: ITION REQUIRED ANNED IN NEXT FOUR YE	by the State Reserve Forces (Unilateral Construction App	Facilities Boaroved (Nu	27 Dec 05 (Date) None mber of Acres	s) COST	
Facilities identified ase/expansion. The D. LAND ACQUIS D. PROJECTS PL. CATEGORY CODE	in item 6 have been examined Board recommendations are: ITION REQUIRED ANNED IN NEXT FOUR YE PROJECT TITLE	by the State Reserve Forces Unilateral Construction App	Facilities Boaroved (Nu	27 Dec 05 (Date) None mber of Acres	s) COST	
Facilities identified ase/expansion. The D. LAND ACQUIS D. PROJECTS PL. CATEGORY CODE	in item 6 have been examined Board recommendations are: ITION REQUIRED ANNED IN NEXT FOUR YE	by the State Reserve Forces Unilateral Construction App	Facilities Boaroved (Nu	27 Dec 05 (Date) None mber of Acres	s) COST	
Facilities identified ise/expansion. The D. LAND ACQUIS CODE	in item 6 have been examined Board recommendations are: ITION REQUIRED ANNED IN NEXT FOUR YE PROJECT TITLE	by the State Reserve Forces Unilateral Construction App	Facilities Boaroved (Nu	27 Dec 05 (Date) None mber of Acres	s) COST	
Facilities identified ise/expansion. The D. LAND ACQUIS CODE	in item 6 have been examined Board recommendations are: ITION REQUIRED ANNED IN NEXT FOUR YE PROJECT TITLE	by the State Reserve Forces Unilateral Construction App	Facilities Boaroved (Nu	27 Dec 05 (Date) None mber of Acres	s) COST	
Facilities identified ise/expansion. The D. LAND ACQUIS CODE	in item 6 have been examined Board recommendations are: ITION REQUIRED ANNED IN NEXT FOUR YE PROJECT TITLE	by the State Reserve Forces Unilateral Construction App	Facilities Boaroved (Nu	27 Dec 05 (Date) None mber of Acres	s) COST	
Facilities identified ise/expansion. The D. LAND ACQUIS CO. PROJECTS PL. CATEGORY	in item 6 have been examined Board recommendations are: ITION REQUIRED ANNED IN NEXT FOUR YE PROJECT TITLE	by the State Reserve Forces Unilateral Construction App	Facilities Boaroved (Nu	27 Dec 05 (Date) None mber of Acres	s) COST	
Facilities identified ise/expansion. The D. LAND ACQUIS CO. PROJECTS PL. CATEGORY	in item 6 have been examined Board recommendations are: ITION REQUIRED ANNED IN NEXT FOUR YE PROJECT TITLE	by the State Reserve Forces Unilateral Construction App	Facilities Boaroved (Nu	27 Dec 05 (Date) None mber of Acres	s) COST	
Facilities identified ase/expansion. The D. LAND ACQUIS D. PROJECTS PL. CATEGORY CODE	in item 6 have been examined Board recommendations are: ITION REQUIRED ANNED IN NEXT FOUR YE PROJECT TITLE	by the State Reserve Forces Unilateral Construction App	Facilities Boaroved (Nu	27 Dec 05 (Date) None mber of Acres	s) COST	
Facilities identified ise/expansion. The se/expansion. The control of the control	in item 6 have been examined Board recommendations are: ITION REQUIRED ANNED IN NEXT FOUR YE PROJECT TITLE	by the State Reserve Forces Unilateral Construction App	Facilities Boaroved (Nu	27 Dec 05 (Date) None mber of Acres	s) COST	
Facilities identified ise/expansion. The D. LAND ACQUIS CO. PROJECTS PL. CATEGORY	in item 6 have been examined Board recommendations are: ITION REQUIRED ANNED IN NEXT FOUR YE PROJECT TITLE	by the State Reserve Forces Unilateral Construction App	Facilities Boaroved (Nu	27 Dec 05 (Date) None mber of Acres	s) COST	

1. COMPONENT ANG		FY 2007 GUAF MILITARY O			2. D.	
3. INSTALLATIO	N AND LOCATIO		CONSTRUCT	ION	Febr	uary 2006
	NATIONAL AIRPO					
11. PERSONNEL	STRENGTH AS C	F 01 Aug 05				
	Ī	PERMANENT		(GUARD/RESE	DVE
		R ENLISTED	CIVILIAN	TOTAL		
AUTHORIZED	329 3		0	1,071		948
ACTUAL	338 3	4 304	0	995	112	883
12 DECEDIVE ID	HT DATA					
2. RESERVE UN	II DATA					
					STRENGTH	
	<u>SIGNATION</u>			AUTHORIZI		TUAL
	aft Generation Squa			160		138
	Engineering Squad	ron		128	1	121
	nunication Flight			45		39
119 DET	er Squadron			17		16
119 Fighte				41 50		32 49
	quarters ANG			27		20
119 Logist				21		20
	tics Squadron			106		93
	cal Squadron			59	_	58
	enance Squadron on Support Flight			211 26]	.86 .23
	tions Flight			31		22
119 Opera	tions Group			3		4
	tions Support Fligh			26		19
	ity Forces Squadro	1		73		67
119 Suppo 119 Studer				10		6
119 Studen				5 32		53 29
11, 50, 11	oo i ngiit	TOTALS	S	$\frac{-32}{1,071}$		<u>29</u> 195
				-,		,,,
13. MAJOR EQUI	PMENT AND AIR	CRAFT				
T	VDE					
<u>I</u> excluding fuel truck	YPE		<u>AUT</u>	HORIZED	ASSIGNED	
F-16 Aircraft	LO .			-26 15	32 20	
Support Equipment				246	240	
Vehicle Equivalents	3			417	432	
4 OUTSTANDIN	G POLLUTION A	ND SAFETY(OS	SHA) DEFICI			
CATEGORY <u>CODE</u>	סס∧ובריד יוידי	E	CCOPT	CST		GN STATUS
CODE	PROJECT TITI	<u>-1-</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>STAI</u>	<u>RT CMPL</u>

NONE

1. COMPONENT	FY 2007 GU	JARD AND RESERVE		2. DATE	
ANG		February 2006			
3. INSTALLATION STATE COLLEGE		4. AREA CONSTR COST INDEX 1.01			
5. FREQUENCY A	ND TYPE OF UTILIZATION			_ -	
Four unit training as	semblies per month, 15 days ar	nnual field training per year	, daily use by t	echnician/AG	R force
and for training.					
	E/GUARD/RESERVE INSTAL Guard Unit, one Army Reserve			S	
	•		ve om		
CATEGORY	UESTED IN THIS PROGRAM	WI: FY 2007	COST	DECICNIC	TATIC
CODE	PROJECT TITLE	SCOPE	\$(000)	<u>DESIGN S</u> <u>START</u>	<u>CMPL</u>
	ce Air Operations Squadron ning Facility	2,090 SM (22,500 SF	5,300	Oct 04	Sep 06
Facilities identified i	E FORCES FACILITIES BOAn item 6 have been examined b Board recommendations are: U	y the State Reserve Forces	Facilities Boar	d for possible 6 Aug 05 (Date)	joint
9. LAND ACQUISI	TION REQUIRED			None	
10 PROVECTS ==			(Nun	nber of Acres)
10. PROJECTS PLA CATEGORY CODE	ANNED IN NEXT FOUR YEA PROJECT TITLE	ıRS	SCOI		COST \$(000)
R&M	I Unfunded Requirement: \$0				

1. COMPONENT]	FY 2007 GUARI			2. DATE
ANG 3. INSTALLATION	N AND LOCATION	MILITARY CO	ONSTRUCTIO	N	February 2006
			NE.		
STATE COLLEGE 11. PERSONNEL S			JE		
		ERMANENT		CHAR	\/DECEDIE
	TOTAL OFFICER		CIVILIAN		O/RESERVE ICER ENLISTED
AUTHORIZED ACTUAL	30 6 27 6	24 21	0 0	131 107	56 75
		21	· ·	107	39 68
12. RESERVE UNI	IT DATA				
				STRE	
UNIT DES 112 AOS	IGNATION			AUTHORIZED 131	<u>ACTUAL</u> 107
		TOTALS		131	107
13. MAJOR EQUIP	MENT AND AIRC	RAFT			
TV	<u>PE</u>		<u>AUTHO</u>	DRIZED ASSI	GNED
Vehicles	<u> </u>		AUTHO	4 ASSI	GNED 4
14 OUTSTANDING	FOLLUTION AN	D SAFETY(OSH	HA) DEFICIEN	ICIES FY 2007	
CATEGORY <u>CODE</u>				CST	DESIGN STATUS
	PROJECT TITLE	2	SCOPE	<u>\$(000)</u>	START CMPL
NONE					
DD FORM 1390s, 1 D	DEC 76	Previous edition	a may be used		e No. III. 12

1. COMPONENT	FY 2007 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2006
3. INSTALLATION AND LOCATION		4. AREA CONSTR
		COST INDEX
MEMPHIS INTERN	.90	

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS

1 Army National Guard Facility, 1 Naval Reserve Facility, 1 Army Reserve Facility, 1 Marine Corps Facility, 1 Naval Base

1.7 PROJEC	TS REQUESTED IN THIS PROGRAM:	EV 2007			
		F I 2007			
CATEGOR	Y		COST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE	<u>\$(000)</u>	START	CMPL
			<u>\$(000)</u>	DITHEI	CNIL
141-753	C-5 Replace Squadron Operations and Simulator Facility	3,902 SM (42,000 SF	F) 10,000	Feb 04	Jun 06
850-000	C-5 Infrastructure Upgrade	1 (LS)	5,000	Jul 03	May 06
130-142	C-5 Replace Fire Crash Rescue Station	1,198 SM (12,900 SF	F) 4,350	Feb 04	Mar 06
218-712	C-5 Replace Aircraft Support	1,161 SM (12,500 SF		Jul 04	Jun 06
	Equipment Shop and Storage				

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 20 Jan 05 (Date)

9. LAND ACQUISITION REQUIRED None				
		(Number of Acres)		
10. PROJEC	CTS PLANNED IN NEXT FOUR YEARS			
CATEGOR	Y		COST	
CODE	PROJECT TITLE	<u>SCOPE</u>	\$(000)	
214-425	Replace Vehicle Maintenance Facility	1,459 SM (15,700 SF)	3,500	
112-211	C-5 Widen Taxilane	7,068 SM (8,453 SY)	2,300	
812-225	C-5 Final Infrastructure Support	1 (LS)	6,000	
	R&M Unfunded Requirement: \$125,000			

MILITARY CONSTRUCTION								
AUTHORIZED AUT	1. COMPONENT						2. D	ATE
MEMPHIS INTERNATIONAL AIRPORT, MEMPHIS II. PERSONNEL STRENGTH AS OF 01 Aug 05				MILITARY C	CONSTRUCT	ION	Febi	uary 2006
PERSONNEL STRENGTH AS OF 01 Aug 05				т мемоні	rc			
AUTHORIZED Reserve R					13			
AUTHORIZED 83 9 74 0 1,180 126 1,054 ACTUAL 81 7 74 0 1,180 126 1,054 ACTUAL 81 7 74 0 1,180 126 1,054 ACTUAL 81 7 74 0 1,180 126 1,054 ACTUAL 81 7 74 0 1 1,180 126 1,054 ACTUAL 81 7 74 0 1 1,180 126 1,054 ACTUAL 155 Airlift Squadron 133 105 164 AMS 93 74 164 Aerial Port Squadron 99 85 164 Airlift Wing 52 51 164 Civil Engineering Squadron 93 82 164 Communication Flight 43 40 164 Lers 112 99 164 MEDS 72 59 164 MOF 164 Mission Support Flight 25 26 164 Mission Support Flight 25 26 164 Mission Support Flight 25 26 164 Mission Support Flight 25 26 164 MSG 9 9 9 9 164 MSG 9 9 9 9 164 Operations Group 6 6 5 164 Operations Group 7 3 64 164 Student Flight 8 1 1 164 Security Forces Squadron 73 64 164 Student Flight 8 1 1 164 Security Forces Squadron 73 64 164 Student Flight 8 1 1 164 Security Forces Squadron 73 64 164 Student Flight 8 1 1 164 Security Forces Squadron 73 64 164 Student Flight 8 1 1 164 Security Forces Squadron 73 64 164 Student Flight 8 1 1 164 Security Forces Squadron 73 64 164 Student Flight 8 1 1 164 Security Forces Squadron 73 64 164 Student Flight 8 1 1 164 Security Forces Squadron 73 64 164 Student Flight 8 1 1 164 Security Forces Squadron 73 64 164 Student Flight 8 1 1 164 Security Forces Squadron 73 64 164 Student Flight 8 1 1 164 Security Forces Squadron 73 64 164 Student Flight 8 1 1 164 Security Forces Squadron 73 64 164 Student Flight 8 1 1 164 Security Forces Squadron 73 64 1 1,180 976 1 1,18				11100				
ACTUAL 83 9 74 0 1,180 126 1,054 ACTUAL 81 7 74 0 1,180 126 1,054 ACTUAL 81 7 74 0 1,180 126 1,054 ACTUAL 81 7 74 0 1,180 126 1,054 ACTUAL 81 7 74 0 1,180 126 1,054								
ACTUAL 81 7 74 0 976 116 860 12. RESERVE UNIT DATA VIII DESIGNATION AUTHORIZED ACTUAL 155 Airlift Squadron 133 105 164 AMS 93 74 164 Aerial Port Squadron 99 85 164 Airlift Wing 52 51 164 Civil Engineering Squadron 93 82 164 Communication Flight 43 40 164 LQsistics Group 16 8 164 LRS 112 99 164 MEDS 72 59 164 Mission Support Flight 25 26 164 Mission Support Flight 25 26 164 MSG 9 9 164 Operations Group 6 5 5 164 Operations Support Flight 20 23 164 Security Forces Squadron 73 64 164 Student Flight 8 1 164 Services Flight 20 23 164 Services Flight 8 1 164 Services Flight 8 1 165 Saccord 1,180 976 3. MAJOR EQUIPMENT AND AIRCRAFT TYPE AUTHORIZED ASSIGNED 3. MAJOR EQUIPMENT AND AIRCRAFT TYPE AUTHORIZED ASSIGNED 3. MAJOR EQUIPMENT AND AIRCRAFT 1,180 976 4. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 221 4. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 221 4. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 221 4. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 221 4. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 221 4. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 221 4. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 221 4. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 221 4. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 221 4. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 221 4. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 221 4. OUTSTANDING POLLUTION AND SAFETY (OSHA) DEFICIENCIES FY 2007 221 4. OUTSTANDING POLLUTION AND SAFETY (OSHA) DEFICIENCIES FY 2007 221 4. OUTSTANDING POLLUTION AND SAFETY (OSHA) DEFICIENCIE	AUTHODIZED							
12. RESERVE UNIT DATA								•
VINIT DESIGNATION AUTHORIZED ACTUAL			·	, ,	V	770	7 110	800
UNIT DESIGNATION 133 105 155 Airlift Squadron 133 105 164 AMS 99 85 164 Aerial Port Squadron 99 85 164 Airlift Wing 52 51 164 Civil Engineering Squadron 93 82 164 Communication Flight 43 40 164 Logistics Group 16 8 164 LRS 112 99 164 MEDS 72 59 164 MEDS 72 59 164 Mission Support Flight 25 26 164 Maintenance Squadron 276 207 164 Mission Support Flight 25 26 164 Operations Group 6 5 164 Operations Group 6 5 164 Operations Support Flight 20 23 164 Security Forces Squadron 73 64 164 Student Flight 8 1 164 Services Flight 20 20 TOTALS 1,180 976 3. MAJOR EQUIPMENT AND AIRCRAFT TYPE AUTHORIZED ASSIGNED	12. RESERVE UN	VIT DATA	Ä					
UNIT DESIGNATION 133 105 155 Airlift Squadron 133 105 164 AMS 99 85 164 Aerial Port Squadron 99 85 164 Airlift Wing 52 51 164 Civil Engineering Squadron 93 82 164 Communication Flight 43 40 164 Logistics Group 16 8 164 LRS 112 99 164 MEDS 72 59 164 MEDS 72 59 164 Mission Support Flight 25 26 164 Maintenance Squadron 276 207 164 Mission Support Flight 25 26 164 Operations Group 6 5 164 Operations Group 6 5 164 Operations Support Flight 20 23 164 Security Forces Squadron 73 64 164 Student Flight 8 1 164 Services Flight 20 20 TOTALS 1,180 976 3. MAJOR EQUIPMENT AND AIRCRAFT TYPE AUTHORIZED ASSIGNED							STRENGTH	
155 Airlift Squadron	<u>UNIT DE</u>	SIGNATI	ON			AUTHORIZ		CTUAL
164 Aerial Port Squadron			n			133		
164 Airlift Wing			a dua					
164 Civil Engineering Squadron			auron					
164 Communication Flight	164 Civil	Engineeri						
164 LRS						43		
164 MEDS		tics Group)					-
164 MOF		S						
164 Maintenance Squadron								
164 MSG						276		
164 Operations Group			t Flight					
164 Operations Support Flight 20 23 164 Security Forces Squadron 73 64 164 Student Flight 8 1 164 Services Flight 20 20 TOTALS 1,180 976 3. MAJOR EQUIPMENT AND AIRCRAFT TYPE			un					-
164 Security Forces Squadron								
164 Services Flight	164 Secur	ity Forces						
TOTALS 1,180 976 3. MAJOR EQUIPMENT AND AIRCRAFT TYPE AUTHORIZED ASSIGNED C-5 Aircraft 8 4 Support Equipment 162 158 /ehicle Equivalents 358 350 /ehicles 122 107 4. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 CATEGORY CST DESIGN STATUS								1
3. MAJOR EQUIPMENT AND AIRCRAFT TYPE AUTHORIZED 8 4 Support Equipment 162 158 /ehicle Equivalents 358 350 /ehicles 122 107 AUTHORIZED 8 4 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 CATEGORY COTT	164 Service	ces Flight		TOTALS	2			
TYPE AUTHORIZED ASSIGNED C-5 Aircraft 8 4 Support Equipment 162 158 Vehicle Equivalents 358 350 Vehicles 122 107 A OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 CATEGORY CST DESIGN STATUS				IOIALS	,	1,180		976
TYPE AUTHORIZED ASSIGNED C-5 Aircraft 8 4 Support Equipment 162 158 Vehicle Equivalents 358 350 Vehicles 122 107 A OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 CATEGORY CST DESIGN STATUS								
C-5 Aircraft Support Equipment	13. MAJOR EQUI	PMENT A	AND AIRCR	AFT				
C-5 Aircraft Support Equipment		YPE			<u>AU</u> TI	HORIZED	ASSIGNED	1
Vehicle Equivalents 358 350 Vehicles 4 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 CATEGORY CODE CODE CODE CODE CODE CODE CODE COD	C-5 Aircraft					8	4	•
/ehicles 122 107 4 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 CATEGORY CST DESIGN STATUS								
4 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007 CATEGORY CST DESIGN STATUS	Vehicles							
CATEGORY CST <u>DESIGN STATUS</u>							107	
CATEGORY CST <u>DESIGN STATUS</u>	14 OUTSTANDIN	IG POT T T	ITION AND	SAFETVIOS	HA) DEELCH	ENCIES EX 200	7	
CODE DROJECT TITLE	CATEGORY	O I OLL	TION AIND	BALLI (US	IIA) DEFICI			IGN STATUS
	<u>CODE</u>	<u>PROJI</u>	ECT TITLE		SCOPE			

NONE

ILES RADIUS serve Facility, 1 Marine Corps Rese COST DESIGN STATUS	LLATIONS WITHIN 15 MILES RAGuard Armories, 1 Naval Reserve Fac	AND LOCATION D, HOUSTON ND TYPE OF UTILIZATION emblies per year, 15 days annumated to the control of the cont	Fwelve monthly assented for training. 5. OTHER ACTIVE/6 Three Army Reserve Facility and 1 Coast G
COST INDEX .85 Taily use by technician/AGR force and TLES RADIUS serve Facility, 1 Marine Corps Rese COST DESIGN STATUS	LLATIONS WITHIN 15 MILES RAGuard Armories, 1 Naval Reserve Fac	D, HOUSTON ND TYPE OF UTILIZATION emblies per year, 15 days annumated to the second s	ELLINGTON FIELD 5. FREQUENCY AN Twelve monthly assent for training. 6. OTHER ACTIVE/ Three Army Reserve If Facility and 1 Coast G
aily use by technician/AGR force and ILES RADIUS serve Facility, 1 Marine Corps Rese	LLATIONS WITHIN 15 MILES RAGuard Armories, 1 Naval Reserve Fac	ND TYPE OF UTILIZATION emblies per year, 15 days annumbles	5. FREQUENCY AN Twelve monthly assent for training. 6. OTHER ACTIVE/6 Three Army Reserve Facility and 1 Coast G
ILES RADIUS serve Facility, 1 Marine Corps Rese COST DESIGN STATUS	LLATIONS WITHIN 15 MILES RAGuard Armories, 1 Naval Reserve Fac	mblies per year, 15 days annu GUARD/RESERVE INSTA Facilities, 4 Army National G Guard Facility	Fwelve monthly assented for training. 5. OTHER ACTIVE/6 Three Army Reserve Facility and 1 Coast G
ILES RADIUS serve Facility, 1 Marine Corps Rese COST DESIGN STATUS	LLATIONS WITHIN 15 MILES RA Guard Armories, 1 Naval Reserve Fac M: FY 2007	/GUARD/RESERVE INSTA Facilities, 4 Army National G Guard Facility	To training. OTHER ACTIVE/ Three Army Reserve Facility and 1 Coast G
serve Facility, 1 Marine Corps Rese COST DESIGN STATUS	Guard Armories, 1 Naval Reserve Fac M: FY 2007	Facilities, 4 Army National G Guard Facility	5. OTHER ACTIVE/Of three Army Reserve Facility and 1 Coast G
COST DESIGN STATUS	M: FY 2007	Guard Facility	Facility and 1 Coast G
A(0.00)		UESTED IN THIS PROGRAI	DDOIECTC DEOL
A(0.00)	COST		. PROJECTS REQU
የ(በበበ) ሮፐለኮፐ ለነላኮነ	00000	DD O IF O'T TITLE	CATEGORY
\$(000) <u>START</u> <u>CMPI</u>	<u>\$COPE</u> <u>\$(000)</u>	PROJECT TITLE	<u>CODE</u>
) 6,000 Dec 05 Jun 06	3,161 SM (34,025 SF) 6,000	or Operations Complex	49-511 Predator
N	ARD RECOMMENDATION	E FORCES FACILITIES BOA	. STATE RESERVE
Facilities Board for possible joint	by the State Reserve Forces Facilities	I Item 6 have been examined b	aculties identified in a
roved 05 Jan 06 (Date)	Jimaiciai Construction Approved	oara recommendations are: (se expansion. The D
(Date)			
(Date)			. LAND ACQUISITI
roved 05 Jan 06	Jnilateral Construction Approved	Board recommendations are: U	se/expansion. The Bo

9. LAND A	ACQUISITION REQUIRED	None			
<u></u>		(Number of Acre	s)		
10. PROJEC	CTS PLANNED IN NEXT FOUR YEARS				
CATEGORY	Y		COST		
CODE	PROJECT TITLE	<u>SCOPE</u>	\$(000)		
130-142	Replace Fire Station	2,090 SM (22,500 SF)	7,200		
171-447	BRAC-Relocate 272 Engineering Installation Squadron	1,653 SM (17,800 SF)	2,650		
730-835	Upgrade Security Forces Facility	1,223 SM (13,166 SF)	1,500		
	R&M Unfunded Requirement: \$15,910,000				

1. COMPONENT ANG			ARD AND RESE		2. DATE	
3. INSTALLATIO	N AND LOCAT		CONSTRUCTA	<i>5</i> 1 1	February 2006	
ELLINGTON EIE	ID HOUSTON					
ELLINGTON FIE 11. PERSONNEL						
		01 01 11 10 00				
	TOTAL OFFI	PERMANENT			ARD/RESERVE	_
AUTHORIZED	TOTAL OFFI	CER ENLISTED 233		<u>TOTAL</u> 1,009	OFFICER ENLISTED	
ACTUAL	246	14 232	•	885	113 896 89 796	
12. RESERVE UN	VIT DATA					
12. RESERVE OF	VII DATA					
UNIT DE	SIGNATION				RENGTH	
	er Squadron			AUTHORIZED 41	ACTUAL 38	
111 Weatl	her Flight			104	99	
	aft Generation Sq			160	139	
147 Civil	Engineering Squa nunication Flight	adron		99	96	
	numeation Flight quarters ANG			45 50	45	
	tics Group			21	49 18	
147 Logis	tics Squadron			17	14	
	cal Operating Loc	ation		31	22	
	cal Squadron tenance Squadron			62	54	
	on Support Flight			212 26	157 25	
147 Opera	itions Group			8	8	
	tions Support Gr			22	17	
147 Securi 147 Suppo	ity Forces Squad	on		73	70	
147 Suppo				9 29	8 26	
		TOTAL	LS	1,009	885	
13. MAJOR EQUI	PMENT AND A	IRCRAFT				·
	PMENT AND A	IRCRAFT	AUTH	ORIZED 4	SSIGNED	
T.C-26 Aircraft		IRCRAFT	<u>AUTH</u> 0	ORIZED A	ASSIGNED 2	
<u>T</u> C-26 Aircraft F-16 Aircraft	<u>YPE</u>	IRCRAFT	AUTH	2 18	2 17	
T.C-26 Aircraft F-16 Aircraft Support Equipment	YPE	IRCRAFT	AUTH	2 18 110	2 17 110	
T C-26 Aircraft F-16 Aircraft Support Equipment	YPE	IRCRAFT	AUTH	2 18	2 17	
T.C-26 Aircraft G-16 Aircraft Support Equipment Vehicle Equivalents	YPE s			2 18 110 106	2 17 110	
C-26 Aircraft F-16 Aircraft Support Equipment Vehicle Equivalents 4 OUTSTANDIN CATEGORY	YPE s			2 18 110 106	2 17 110 101	US
<u>T</u> C-26 Aircraft F-16 Aircraft	YPE s	AND SAFETY(C		2 18 110 106	2 17 110	

1 ((0) ((0)) ((1)) ((1))		
1. COMPONENT	FY 2007 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2006
3. INSTALLATION AND	LOCATION	4. AREA CONSTR
		COST INDEX
EWVRA-SHEPHERD FIE	LD, MARTINSBURG	.95

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS 157th ARNG, Martinsburg, Army Reserve Training Center, Martinsburg

7. PROJEC	TS REQUESTED IN THIS PROGRAM	I: FY 2007			
CATEGOR' CODE		SCOPE	COST \$(000)	<u>DESIGN</u> <u>START</u>	STATUS CMPL
111-111	C-5 Upgrade/Extend Runway and Taxiways	137,121 SM (178,450 SY)	20,500	Jan 04	Feb 06
442-758	C-5 Replace Base Supply Facility	3,395 SM (36,550 SF) 5,700	Jan 04	Mar 05
130-142	C-5 Replace Fire, Crash and Rescue Station	2,717 SM (29,250 SF	7,500	Jan 04	Apr 06

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 20 May 05 (Date)

9. LAND A	CQUISITION REQUIRED	None	
		(Number of Acre	s)
10. PROJEC	CTS PLANNED IN NEXT FOUR YEARS		
CATEGORY	(COST
CODE	PROJECT TITLE	<u>SCOPE</u>	<u>\$(000)</u>
211-179	C-5 Fuel Cell Maintenance Hangar and Shop	7,497 SM (80,700 SF)	26,000
141-753	C-5 Replace Squadron Operations Facility	2,787 SM (30,000 SF)	6,600
932-000	C-5 Final Infrastructure Upgrade	1 (LS)	4,450
217-712	C-5 Avionics and Shop Space	1,161 SM (12,500 SF)	4,500
	R&M Unfunded Requirement: \$0		

1. COMPONENT ANG				D AND RESI		2. DA	
3. INSTALLATIO	N AND I O		ILITARY	ONSTRUCTI	ION	Febru	uary 2006
J. INSTALLATIO	IN AND LO	CATION					
EWVRA-SHEPHE	ERD FIELD,	MARTINS	BURG				
11. PERSONNEL							
			-				
	TOTAL		IANENT		-	GUARD/RESE	
AUTHORIZED	<u>TOTAL</u> <u>C</u> 287	OFFICER E		CIVILIAN	TOTA		
ACTUAL	267 269	33 30	252 239	0	1,18		990
ACTUAL	209	30	239	U	1,1	78 160	1,018
12. RESERVE UN	IIT DATA						
12. RESERVE OF	11 12/11/1						
						STRENGTH	
	SIGNATION				AUTHORI		TUAL
	Evacuation				125		11
	ift Generatio				191	1	.97
	Port Squadi Squadron	ron			99		89
167 Airlif					166 52	1	.32
	Engineering	Squadron			93		50 93
	nunication F				42		46
167 Logis		Ü			11		11
	tics Squadro				104		10
	al Squadron				66		56
167 MOF	C T	11: - 1-4			11		10
167 MISSIG	on Support F	light			24		25
	tions Group				62 8		63
	tions Suppor	t Flight			21		7 20
	ty Forces So				73		87
167 Suppo					9		9
167 Studer					0		33
167 Servic	es Flight				29	-	<u>29</u>
			TOTALS		1,186	1,1	78
13. MAJOR EQUI	PMENT AN	D AIRCRAI	FT				
T	YPE			A T TOWN	IODIGES		
C-130H Aircraft	IPE			AUTH	IORIZED	ASSIGNED	
C-5 Aircraft					12 10	4	
Non-Powered AGE	Equip				71	92	
owered AGE Equi					111	107	
						10,	
4 OUTSTANDIN	G POLLUTI	ON AND S	AFETY(OS)	HA) DEFICIE	ENCIES FY 20	07	
ATECODY			`				
CATEGORY <u>CODE</u>	PROJEC'				CST	DESI	<u>GN STATUS</u>

NONE

1. COMPONENT	FY 2007 GUARD AND RES	ERVE	2. DATE
ANG	MILITARY CONSTRUCT	ION	February 2006
3. INSTALLATIO	N AND LOCATION		4. AREA CONSTR
			COST INDEX
	ICIPAL AIRPORT, CHEYENNE		1.01
FREQUENCY A	AND TYPE OF UTILIZATION		
welve monthly ass	semblies per year, 15 days annual field training pe	er year, daily use by to	echnician/AGR force and
or training.			
OTHER ACTIV	F/GHARD/RESERVE INSTALLATIONS WITH	IIN 15 MILEC DADA	LIG
OTHER ACTIV	E/GUARD/RESERVE INSTALLATIONS WITH	HIN 15 MILES RADI	US
one USAF Base (F.	E. Warren), one Army National Guard Armory (HIN 15 MILES RADI WY ARNG), one Arn	US ny Reserve unit, one Nava
One USAF Base (F.	E/GUARD/RESERVE INSTALLATIONS WITH E. Warren), one Army National Guard Armory (Valone Marine Reserve unit.	HIN 15 MILES RADI WY ARNG), one Arn	US ny Reserve unit, one Nava
ne USAF Base (F.	E. Warren), one Army National Guard Armory (HIN 15 MILES RADI WY ARNG), one Arn	US ny Reserve unit, one Nava
ne USAF Base (F.	E. Warren), one Army National Guard Armory (HIN 15 MILES RADI WY ARNG), one Arn	US ny Reserve unit, one Nava
One USAF Base (F. Reserve Center, and	E. Warren), one Army National Guard Armory (HIN 15 MILES RADI WY ARNG), one Arn	US ny Reserve unit, one Nava
One USAF Base (F. Reserve Center, and	E. Warren), one Army National Guard Armory (\) l one Marine Reserve unit.	IIN 15 MILES RADI WY ARNG), one Arn COST	US ny Reserve unit, one Nava

7. PROJEC	TS REQUESTED IN THIS PROGRAM	: FY 2007			
CATEGOR	Y		COST	DESIGN :	SILTATS
<u>CODE</u>	PROJECT TITLE	SCOPE	\$(000)	START	CMPL
130-142	Add to and Alter Fire Crash/Rescue Station	1,853 SM (19,95	60 SF) 4,200	Feb 03	Feb 06

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 16 Aug 05 (Date)

9. LAND A	CQUISITION REQUIRED	None	None			
	Number of Acres PROJECTS PLANNED IN NEXT FOUR YEARS ATEGORY CODE PROJECT TITLE SCOPE 4-425 Vehicle Maintenance and Deployment Processing Facility 1-753 Replace Squadron Operations Facility 1-753 BRAC-Add To Squad Ops - Active Duty Associate Replace Squadron Spin 1,115 SM (12,000 SF)					
10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE PROJECT TITLE SCOPE SCOPE S(000) 214-425 Vehicle Maintenance and Deployment Processing Facility 141-753 Replace Squadron Operations Facility 141-753 BRAC-Add To Squad Ops - Active Duty Associate Replace Squadron Squad Ops - Active Duty Associate (Number of Acres) COST S(000) 2,424 SM (26,100 SF) 6,800 12,434 SM (26,200 SF) 7,400 141-753 BRAC-Add To Squad Ops - Active Duty Associate 1,115 SM (12,000 SF) 3,200						
CATEGOR	Y		COST			
CODE	PROJECT TITLE	<u>SCOPE</u>				
	Vehicle Maintenance and Deployment Processing Facility	2,424 SM (26,100 SF)	6,800			
141-753	BRAC-Add To Squad Ops - Active Duty Associate					
	R&M Unfunded Requirement: \$28,366,000					

	AND RESERVE	2. DATE
	NSTRUCTION	February 2006
INSTALLATION AND LOCATION		
IEYENNE MUNICIPAL AIRPORT, CHEYENNE		
PERSONNEL STRENGTH AS OF 01 Jan 06		
PERMANENT		GUARD/RESERVE
JTHORIZED TOTAL OFFICER ENLISTED 9 376 32 344	$ \begin{array}{ccc} CIVILIAN & 101AI \\ 0 & 1,22 \end{array} $	<u>L OFFICER ENLISTEI</u> 9 186 1,043
JTHORIZED 376 32 344 CTUAL 376 32 344	0 1,00	
510AL 510 52 511	1,00	0 135 017
. RESERVE UNIT DATA		
		STRENGTH
UNIT DESIGNATION	<u>AUTHORIZ</u>	
153 AMS 153 Aerial Port Flight	52 54	39 33
153 Airlift Wing	53	47
153 CACS	165	136
153 Civil Engineering Squadron	95	78
153 Communication Flight	39	37
153 Logistics Squadron	103	79
153 Medical Squadron 153 MG	60 10	51 8
153 MG 153 MOF	11	10
153 Mission Support Flight	25	25
153 MSG	9	8
153 MXS	148	100
153 Operations Group	8	8
153 Operations Support Flight	20	16
153 Security Forces153 Security Forces Squadron	9 60	10 56
153 Security Forces Squadron 153 Services Flight	20	14
187 Airlift Evacuation Squadron	95	81
187 Airlift Squadron	114	106
243 Air Traffic Control Squadron	<u></u>	58
TOTALS	1,229	1,000
. MAJOR EQUIPMENT AND AIRCRAFT		
m		
TYPE	<u>AUTHORIZED</u>	ASSIGNED
130 H3 Aircraft	8 107	8
pport Equipment hicle Equivalents	107 289	107 282
chicles	100	99
	_ , ,	

<u>CODE</u>

NONE

PROJECT TITLE

SCOPE

START CMPL

\$(000)

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2007

	SECTION IV		

FUTURE YEARS DEFENSE PLAN (FYDP)

FISCAL YEAR LISTING

	i.	rootprint		New	New	New			Simple Similar	New	New	Existing	New	Existing	New	Existing	New	Evicting	New	Now	None	MONI L	Existing	New	Existing		
шс	3 Fralenation of Change.	ı	Mon Mission	INCW MISSION	New Mission	100 Moved from FY 07	1,100 Moved from FY 11. Scone Change	500	9		400		1 SCW	New	4,200 Scope Change	New Mission	New	New	New		C	700 Morred from EV 07	None				
Budget Change from	Amount FY06 PB	l	1007.90	10.100		3,100	7,000	5.500	-				200,1			6,175	1,400	7.500	8,400	6.500	26,000 500			037	,		
	Facility Program /	The state of the s	171-000 53210F	171 447 696715	1/1-44/ 320/1F	141-459 51216F	141-753 55296F	214-425 55296F	850-000 55296F	116-661 \$5296F	210-044 S5206F	171-158 SS306E	141 460 663067	141-439 33290r	141-753 55296F	812-225 54119F	211-157 55296F	171-445 55296F	171-447 55296F	130-142 55296F	211-179 54119F	141-753 54119F	217-712 \$4110E	042,000 54110F	771175 CO. T.C.	55296F	
	Project Title		Predator Beddown	TACP Modernization	ASA Almet Curry Desarrous	ASA-Akri Crew Quarters	Replace Squadron Operations Facility	Vehicle Maintenance and Communications Training	Security Improvements-Relocate Base Entrance	Arm/Disarm Apron	Replace Base Civil Engineer Complex	Replace Band Facility	Unorade Alert Crew Ouarters	Constant Constant	Squaction Operations Facility	C-5 Final Intrastructure Support	Add to and Alter Engine Shop	Operations and Training Facility	262d Information Warfare Aggressor Squadron Facility	Add To And Alter Fire Crash/Rescue Station	C-5 Fuel Cell Maintenance Hangar and Shop	C-5 Squadron Operations Facility	C-5 Avionics and Shons Space	C-5 Final Infrastructure Unoracle	Planning and Design	Unspecified Minor Construction	
	Location		SA	Ν	2	3 8	8	IA	11	Z	2	НО	č	Г		- 1	ı	VA	WA	WI	WV	WV	\ \	^*	,		
	Installation		Various Locations	Various Locations	Ruckley AFR	O IV Carried	Buckley AFB	3830 HEMT039066 Fort Dodge ANGS	Capital MAP	3830 AQRC039121 Atlantic City IAP	McGuire AFB	Toledo IAP	Portland IAP	PCXF000134 McGhee-Tyson Aimort	Mount is IAB	INCIDENT IAL	DDPMUS9216 JKB NAS Forth Worth	Langley AFB	McChord AFB	Truax Field	PJVY009074 Martinsburg MAP	PJVY009077 Martinsburg MAP	PJVY049072 Martinsburg MAP	PJVY029162 Martinsburg MAP	Various	Various	
	Appn Project Number				CR W7 1029003	200770 WW	CKWU039006 Buckley AFB	HEMT039066	DCFT039115 Capital MAP	AQRC039121	3830 PTFL029107 McGuire AFB	3830 WYTD009206 Toledo IAP	TOKD059302 Portland IAP	PSXF000134	DVVI 060210 Manufaction	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DDPM059216	MUHJ059057 Langley AFB						PJVY029162			
			3830	18 3830	3830			_	_	_	8 3830		8 3830	3830	3830	0000	3830	3830	3830		_	8 3830	8 3830	8 3030	8 3830	8 3830	
	Comp FY		ANG 2008	ANG 2008		3000		ANG 2008	ANG 2008	ANG 2008	ANG 2008	ANG 2008	ANG 2008				_	_	-	-+	-	ANG 2008	ANG 2008	ANG 2008	ANG 2008	ANG 2008	

								Budget Cl	Change from		
2	V V V	Designed Missesher		:		Facility Program	_	=	FY06 PB		
Comp	7	Comp. F. 1. Appl. Froject Number	r installation	Location	Project Title	Category Element	Element	2000	\$000	Explanation of Changes	Footprint
	-			- 1							
ANG	_	050	Various Locations	- 1	Predator Beddown	171-000 53219F	\$3219F	27,900		New Mission	New
	-	_	Various Locations	۸S	TACP Modernization	171-447 52671F	52671F	10.462			Nem
_		3830 FAKZ959574	FAKZ959574 Montgomery IAP	Ψ	Fuel Cell and Corrosion Control	211-179 55296F	15296F	7.400			Nom
	2009 383	3830 LSGA029009 Jacksonville IAP	Jacksonville IAP	FL	Construct Security Forces and Communication Complex	730-835 55296F	3796F	12,400	009		INCW
ANG 2	2009 3830		FFAN049054 Des Moines IAP	ΥI	Replace Communications Facility	131,111 SS296F	\$20KE	2,500	400		New
ANG 2	2009 3830	30 BXRH019091 Boise MAP	Boise MAP	₽	Operations, Training and Medical Facility	171 445 SS206E	SOCE	3000	3		New
ANG 2	2009 3830	30 ATQZ049049	ATQZ049049 Fort Wayne IAP	1	Aircraft Readiness Shelters	1012CC CT-111	570KE	200.4	200		New
ANG 2	2009 383	3830 GUOE989085 Forbes MAP	Forbes MAP	1	Renlace Sanadran Operations Devilies	101-101	10,75	002.0	207		New
ANG	-	30 FK NNOOOLO Bangar IAB	Bangor IAD		The place Square of Operations Facility	141-733 332901	10676	9,500	400	400 Moved from FY 11	Existing
		OLOGOWAN IN OC	Dangoi IAT	ME	Replace Aircraft Maintenance Hangar, Phase I	211-111 55296F	55296F	13,600	(6,400)	(6,400) Scope Change	New
-	_		ULYB039126 Rosecrans MAP	ΜO	Replace Fire Crash and Rescue Station	130-142 S5296F	15296F	10,500	200	Y 08	New
_	-		SZCQ989023 Pease Tradeport	NH	Replace Operations and Training	171-445 SS296F	.5296F	8.900			New
+		30	Atlantic City IAP	Z	Munitions Administrative Facility	216-142 S5296F	5296F	1.500		wey	Non
_		3830 AQRC039059 Atlantic City IAP	Atlantic City IAP	Z	Operations, Training and Dining Hall Facility	171-445 S\$296F	\$296F	11 200			NI N
ANG 2	2009 383	3830 WKVB029123 Gabreski Airport	Gabreski Airport	λN	Replace Pararescue Training Facility	141-185 SS296F	520KF	13 400	900	000 Mariad from EV 10	INCW
ANG 2	2009 383	3830 KJAQ029041 Klamath Falls IAP	Klamath Falls IAP	ĕ	Replace Security Forces Facility	730-835 55296F	5206F	3 700	200		Existing
ANG 2	2009 383	30 LKLW069092	3830 LKLW069092 Fort Indiantown Gap	PA	Replace RED HORSE Squadron Training Facility	219-944 55296F	\$206F	000,6	37		Existing
-+	383	2009 3830 PSTE009070 McEntire ANGB	McEntire ANGB	SC	Replace Operations, Training and Communications Facility	171.445 \$\$296F	5206F	11 200	1 700	of from EV 10 Sooms Change	Existing
	2009 383	3830 LUXC001390 Joe Foss Field	Joe Foss Field	CS	Replace Base Civil Engineer Maintenance Complex	219-944 55296F	5296F	7 500	200		News
ANG 2	2009 3830	30 PYKL059218 Memphis IAP	Memphis IAP	N.I.	C-5 Widen Taxilane	112-211 S4110F	4110F	200	Ī	Mission	INC.
ANG 2	2009 3830		CURZ049023 Burlington IAP	Ż	Base Security Improvements	730-835 SC206E	530KE	0000	2 100		New
ANG 2	2009 3830	_	DPEZ019148 Chevenne MAP	Μ	Replace Squadron Operations Facility	2 630 171	2005	200,1	3,100		New
ANG	2009 3830	+	Various	Т	Diameter of Designations (actually	141-732 33290F	3290r	044,	000	out Moved from FY 11	New
	2000		11		ramming and Design	1	55296F	12,121			
	262	0.0	Various	1	Unspecified Minor Construction	-	5520KF	0009			

		Footprint		New	New	New	Printing	Albimk	INCM	Existing	New	Existing	Fxictino	Daioting	Z Paring	NCW	New	Existing	New	New	New	Now	INCW	HCW	
		Explanation of Changes		New Mission	,000 Scope Change		100 Scope Change	- G	Total	MOM	New	New	400 Moved from FY 08	200 Moved from FV 11	500 Moved from EV 08	(t	ed nom r v 11. Scope Change	New		New	1 [00] Moved from FY 08 Score Change		New		
Change from		2000		_	1,000	400	001.1	Ş	_		5	4	400 N	200	005	1007	(00+7)		006	2	(1.100) N	500	_	(160)	300
Budget		2000		11,461	4,500	7,500	9.800	10,800	1000	2001	0,800	18,000	7,200	8.500	2,000	007.9	0,000	9,000	7,400	1,700	6,400	10,200	8 900	12 192	000 9
	Facility Program	Category Element		/1-44/ 52671F	141-786 55296F	219-944 S5296F	141-753 SS296F	211-111 55296F	71 471 SCOOKE	10025	30-142 33290F	24-135 55296F	71-447 S5296F	171-445 55296F	214-425 55296F	71.445 SCOOKE	106266 64117	33290F	/30-835 35296F	171-445 55296F	730-835 55296F	130-142 55296F	725-517 55296F	55296F	55296F
	Facility	Catego		1/1-44	141-78	219-94	141-75	211-11	171 47	130	1-061	124-13	171-44	171-44	214-42	171.44		010-21	/30-83	171-445	730-833	130-142	725-517		
	Project Title	2001 122(21)	TACD Madamiration		Alert Quarters and Mobility Processing Complex	Replace Civil Engineer Maintenance Complex	Replace Squadron Operations Facility	Replace Aircraft Maintenance Hangar	Upgrade Range Operations Complex	Add to and After Fire Crach/Decrise Station	Doubles Let Earl Stem Co.		Upgrade ASOS/ATCS Training Complex	Replace Operations and Training Facility	Replace Vehicle Maintenance Complex	EADS Support Facility	Ingrade Base Facilities			Special Operations Facility	Composite Support Facilities	Replace Composite Fire Station	Replace Troop Training Quarters	Planning and Design	Unspecified Minor Construction
	Location		3/1	?	Т	П	CA CA	DE	KS	ΜĀ	Т	Т	T	MT	NV	λN	Γ	Т	Т	Т	٦	UT	WI	:	:
	Installation		Various I ocations	DDVD050015 Birmin Law 14B	Dummgham LAF	Fort Smith MAP	3830 HAYW049133 Fresno/Yosemite IAP	JLWS019053 New Castle MAP	2010 3830 VUBV059124 Smoky Hill Range	Barnes MAP	Selfridge ANGB	Schridge Advices	Rey Field MAP	Great Falls IAP	Reno-Tahoe IAP	Griffiss Airport	Hancock Field	2010 3830 NI ZG029199 Rickenhacker IAP	204	Covenity AGS	Fort Worth JRB	USEB889585 Salt Lake City IAP	YAQF029131 Volk Field ANGB	Various	Various
	Comp FY Appn Project Number			PDVDACOOLS	CIOCCONNIC	HARZ889688 Fort Smith MAP	HAYW049133	JLWS019053	VUBV059124	3830 AXOD009011 Barnes MAP	2010 3830 VGI Z050233 Selffidoe ANGB	22,000,000	3630 MDVL939033 Rey Fleid MAP	JKSE029000 Great Falls IAP	3830 UCTL969556 Reno-Tahoe IAP	3830 GRCL029148 Griffiss Airport	2010 3830 HAAW059258 Hancock Field	NI ZG029199	2010 3930 EODE030105 C	CCD-039100	3830 DDPM009116 Fort Worth JRB	USEB889585	YAQF029131		
	Appn		3830	3830	0000	_	_	3830	3830		3830	3030		250			3830	3830	3030		3830	3830	3830		3830
	FY		2010	+	-	-	-	-	_	2010	₽-	4-	+			2010			_		_	_	2010		ANG 2010
	Comp		ANG	Ų.			Ş V	ANG	ANG	ANG	ANG	Į		ANC.	ANG	ANG	ANG	ANG	Δ		ANG	ANG	ANG	ANG	ANG

	Footprint		New	New	Existing	New	Existing	New		Existing	New	Existing	New	New	
mon	Y06 PB \$000 Explanation of Changes		New Mission	New	New	New	New	New	None	No.	Mew	1.003) Scope Change	New		18)
Budget Change from	1	12 411	116,21	4,500	3,300	000.	007,11	8,800	8 500	1 500			007,7		8,917 (3.138)
	Facility Program A Category Element	171.447 \$36715	171 447 5530ZE	211 167 66306E	171 447 CC30CE	705 517 5000	752-517 33290F	130-142 55296F	725-517 55296F	730.441 SS206E	130 147 \$5206E	130 140 553050	130-142 33290F	Т	J06766
	Project Title	TACP Modernization	Relocate 223d Combat Communications Sanadon	Replace Engine Shon	Relocate Combat Communications Units	Troop Training Quantum	Troop training Quarters	Replace Fire Station and ASE Facility	Replace Troop Quarters	Youth Leadership Center	Replace Fire Station/Security Forces	Renjace Fire Station	Renisce Maintenance Hannar	Planning and Decien	ingress and design
	Location	SA	AR	1			ı		Σ	MN	НО	ΧŢ		Г	
	Installation	Various Locations	PYGY029138 Hot Springs MAP	Little Rock	Beale AFB	Savannah IAP	1830 PINCOCOCCA Martin Cont. A :	Martin State Amport	Alpena MAP	QJKL029197 Minneapolis/St Paul IAP	Toledo IAP	Ellington Field	Yeager Aimort	Various	
	Comp FY Appa Project Number		PYGY029138	NKAK049051 Little Rock	2011 3830 BAEY029154 Beale AFB	3830 XDOU919578 Savannah IAP	DIMCOSOSSA	TO COCONICE	2011 3830 IDVG029066 Alpena MAP		WYTD029015 Toledo IAP	FWJH059032 Ellington Field	2011 3830 LYBH009131 Yeager Airport		ľ
	Appn	3830	3830	3830	3830	3830	3830		3830	2011 3830	3830	3830	3830	3830	3030
	Comp FY	ANG 2011	ANG 2011	ANG 2011	ANG 2011	ANG 2011	ANG 2011			ANG 2011	ANG 2011	ANG 2011	ANG 2011	ANG 2011	ANG POLL SONA

OTHER PROJECTS NO LONGER IN THE FYDP:

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Comp. FV		Installation			Amount		
		motation Pocation	rolect ine	JE	\$000	Explanation of Changes	Footprint
	Eielson AFB	AFB AK	Mobility Storage Warehouse		5,900	Appropriated in FY 06	
	Ted Ste	Ted Stevens IAP AK		Xe	2.000	Moved from FY 11	
	Dothan Airport	Airport	П		5,100	Moved from FY 10	
1	Tucson IAP	1	Т		4,500	Moved from FY 10	
1	Fresno	1	T	lex	2,000	Moved from FY 08	
	Fresno	mite IAP	T	s Complex	14,400	Moved from FY 11	
	March ARB		7	rr and Shops	6,400	Appropriated in FY 06	
	Greeley Airport		┑	pport Facility	5,700	Moved from FY 11	
1	Savannah IAP		┪		0,100	Moved from FY 11	
	Hickam AFB		T	Complex	009'6	Appropriated in FY 06	
	Boise MAP	+	٦		4,100	Moved from FY 08	
	Greater	MAP	1	aining Facility	006'9	Moved from FY 10	
	Fort Wayne IA	9	T	and Training Facility	008'6	Moved from FY 11	
	Hulman MAP		T	aining	14,800	Moved from FY 10	
	McConn	9	T		1,500	Moved from FY 11	
	Louisville IAP	1		cility	4,100	Moved from FY 10	
	Madison	To.	T		5,800	Moved from FY 09	
1	New Or	JRB	T	ant Facility	7,100	Appropriated in FY 06	
1	Barnes MAP		Т	ties	6,100	BRAC Impacted	
	Otis ANGB		Т		9,100	BRAC Impacted	
	Otts ANGB				25,600	BRAC funded	
	Andrews AFB		Headquarters ANGRC Addition		10,400	Moved from FY 11	
	Martin S	Airport	Aircraft Corrosion Control Facility		8,500	Appropriated in FY 06	
	Alpena MAP		╗	Α	12,400	BRAC funded	
	Selfridge ANGB		╗		006'9	Appropriated in FY 06	
	WK Kell	3 Apt	Replace Base Civil Engineer Complex	×	19,500	Moved from FY 10	
	Duluth IAP	4	╗		6,300	Appropriated in FY 06	
	Minneap	٩	Composite Aircraft Maintenance Facility	ility	8,800	Appropriated in FY 06	
	Gulfport	xi Airport	Replace Munitions Complex (Phase 1)		4,500	Appropriated in FY 06	
	Hector Field		٦		006'9	Moved from FY 11	ľ
	Lincoln MAP		Upgrade Security Forces and Communications Facility	nications Facility	11,200	Moved from FY 08	
1	Atlantic		Operations, Training and Dining Hall		8,500	Moved from FY 11	
	Reno-Tahoe IAP	٩	Replace Intelligence Exploitation Facility	ility	16,800	Appropriated in FY 06	
	Hancock Field		Add to and Alter Squadron Operations Facility	s Facility	2,600	Appropriated in FY 06	
	Schenect	+	Replace Base Supply Complex		008'9	Moved from FY 09	
	Camp Pe	3	Replace Troop Training Quarters		4,700	Appropriated in FY 06	
	Mansheld MAP	1	Joint ANG/ARNG Fire Station		8,000	BRAC Impacted	
	Springfeld MAD	IN MAD		ice Facility	009'9	Moved from FY 10	
	onginide	1	Aucrait Ready Sheriers		2,700	Moved from FY 10	
	WILL KOR	Will Rogers World Airport OK	Replace Maintenance Hangar		15,000	Moved from FY 11	
	Lorente Linear	1	Replace Composite Support Complex		12,500	Moved from FY 09	
	Tall Soung IAF	1	Expand Aircraft Parking Apron/Laxiway	vay	5,000	Appropriated in FY 06	
	WILLOW CITONE	WILLOW CTOVE JKB PA	Operations and Communications Training Facility	ning Facility	000'6	BRAC Impacted	
	Dist	1	Security Forces and Communications Upgrade	Upgrade	5,500	Appropriated in FY 06	
	McIlmolid IAI	+	Replace Operation, Training, and Support Complex	port Complex	15,000	Moved from FY 10	
	Camp MI	Camp Mitchell Eight WA	262 Information Warfare Aggressor Squadron Facility	quadron Facility	7,000	Moved from FY 08	
	General	+	Upgrade Aircraft Maintenance Complex - Phase I	ex - Phase I	7,000	Moved from FY 08	
	Martinshure MAP	iire MAP WV	Cyprade Auctait Mamienance Complex - Phase II	ex - rhase II	3,300	Moved from FY 11	
	Yeager Airport		Force Protection Measures - Relocate Road	Dood	000,7	Appropriated in FY 06	
	Cheyenne MAP		Т	ment Processing	5.900	Moved from FY 10	
			1		25.00	MONEY HOME I TO CO	_

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2007

SECTION IV		
	SECTION IV	

FUTURE YEARS DEFENSE PLAN (FYDP) STATE/INSTALLATION LISTING

			O	
Comp FY Appn Project Number Installation	Location Project Title	racinty rrogram Amount Category Element \$000	FY06 PB \$000 Explanation of Changes	Footprint
ANG 2009 3830 FAKZ959574 Montgomery IAP		211,179 55296F 7.400		
2010 3830 BRKR059015	AL Alert Quarters and Mobility Processing Complex	141-786 55296F 4,500	1,000 Scope Change	New
ANG 2010 1810 HKD 2880688 East Smith MAD	Г			
2011	AR Replace Finding Shop		400	New
PYGY029138	AR Relocate 223d Combat Communications Squadron	171-47 55296F 4,500	New New	Existing
9		Ш		
ANG 2011 3830 BAEY029154 Beale AFR	CA Relocate Combas Communications Facility	141-753 55296F 9,800	1,100	Existing
	The state of the s	111-44/ 33290F 3,300	l New	New
ANG 2008 3830 CRWU029003 Buckley AFB		141-459 51216F 3,100	100 Moved from FY 07	New
8007	CO Replace Squadron Operations Facility	Ц	-	New
ANG 2010 3830 JLWS019053 New Castle MAP	DE Replace Aircraft Maintenance Hangar	211-111 55296F 10.800	1009	Now
ANG 2000 1830 1800 00000 Indianamilia (AB	G] [MON!
TANGE TO THE PART OF THE PART	FL Construct Security Forces and Communication Complex	730-835 55296F 12,400	009	New
ANG 2011 3830 XDQU919578 Savannah IAP	GA Training Quarters	725-517 55296F 11,200	New	Existing
ANG 2008 3830 HEMT039066 Fort Dodge ANGS	A Vehicle Maintenance and Communications Tuesian	201 105 55000		
ANG 2009 3830 FFAN049054 Des Moines IAP	Replace	131-111 55296F 5,600	400	Existing
ANG 2009 3830 BXRH019091 Boise MAP	ID Operations Training and Medical English	L		
THE PROPERTY OF	1 Decanons, Haming and Medical Facility	1/1-445 55296F 9,300		New
ANG 2008 3830 DCFT039115 Capital MAP	IL Security Improvements-Relocate Base Entrance	850-000 55296F 6,100	1,100	New
ANG 2009 3830 ATQZ049049 Fort Wayne IAP	IN Aircraft Readiness Shelters	141-181 SC206F 4 900	l wic	
0000				INCW
ANG 2010 3830 VUBV059124 Smoky Hill Range	KS Replace Squadron Operations Facility KS Upgrade Range Operations Complex	141-753 55296F 9,500 171-471 55296F 7,000	400 Moved from FY 11 New	Existing
ANG 2010 3830 AXQD009011 Barnes MAP	MA Add to and Alter Fire Crash/Rescue Station	130-147 SS296E 6 800		
				INCW
ANG 2011 3830 PJMS959554 Martin State Airport	MD Replace Fire Station and ASE Facility	130-142 [55296F 8,800]	New	New
ANG 2009 3830 FKNN009010 Bangor IAP	ME Replace Aircraft Maintenance Hangar, Phase I	211-111 S5296F 13,600	(6,400) Scope Change	New
2010	Mi Renlace let Finel Storence Compley	L		
ANG 2011 3830 TDVG029066 Alpena MAP	MI Replace Troop Quarters	725-517 55296F 8,500	New New	Existing
ANG 2011 3830 QIKL029197 Minneapolis/St Paul IAP	MN Youth Leadership Center	730-441 55296F 1,500	New	No.
ANG 2009 3830 H. VB030126 Reserrante MAP	MO Designa Fina Court and Bosses Court	╽╽		
IUM SIBINATAL OTTO CONTINUE CO		130-142 55296F 10,500	500 Moved from FY 08	New
ANG 2010 3830 MDVL939655 Key Field MAP	MS Upgrade ASOS/ATCS Training Complex	171 447 55296F 7,200	400 Moved from FY 08	Existing
ANG 2010 3830 JKSE029000 Great Falls 1AP	MT Replace Operations and Training Facility	171-445 55296F 8,500	200 Moved from FY 11	Existing
ANG 2009 3830 SZCQ989023 Pease Tradeport	NH Replace Operations and Training	171-445 [55796F] 8 900		
ANIC JONG 1810 LONGORDIA LLE CO.				Man
ANG 2008 3830 PTFL029107 McGuire AFB	NJ Arm/Disarm Apron	55296F		New
ANG 2009 3830 AQRC039059 Atlantic City IAP	N Operations, Training and Dining Hall Facility	171-445 55296F 11.200	400 New	Existing
ANG 2009 3830 Atlantic City IAP	П			New
ANG 2010 3830 UCTL969556 Reno-Tahoe IAP	NV Replace Vehicle Maintenance Complex	214-425 55296F 5,000	500 Moved from FY 08	New

		Budget	Change from	
Comp FY Appn Project Number Installation	Location Project Title	Facility Program Amount Category Element \$000		Footmint
2009 3830 WKVB029123	NY Replace Pararescue Training Facility	141-185 55296F 13,400	900 Moved from FY 10	Existino
ANG 2010 3830 GRCL029148 Griffiss Airport	EADS	Ц	(2,400)	New
_	NY Upgrade Base Facilities	610-915 55296F 8,000	New	Existing
2008 3830	OH Replace Band Facility	171-158 55296F 1.700	Media	
2010 3830	OH Security Forces Complex/Communications Bldg	L	006	New
ANG 2011 3830 WYTD029015 Toledo IAP	Replac	55296F		Existing
2008	OR Upgrade Alert Crew Quarters	141.459 [55205E] 1 500	Nices	
ANG 2009 3830 KJAQ029041 Klamath Falls IAP	ll	Ц	200	Existing
ANG 2009 3830 1 KT W060002 Fort Indignation Com	a l			
TOTAL TRANSPORTED TO THE PROPERTY OF THE PROPE	rA Incplace KED HORSE Squadron training Facility	219-944 55296F 6,000	New	Existing
ANG 2010 3830 EQDF039106 Coventry AGS	RI Special Operations Facility	171-445 5311F 1,700	New	New
ANG 2009 3830 PSTE009070 McEntire ANGB	SC Replace Operations Training and Communications Bacility	enility 171 445 65305E 11 300	1 700 11 34 11 10 0	
		111 443 33290F	1,/00 Moved from FY 10. Scope Change	Existing
ANG 2009 3830 LUXC001390 Joe Foss Field	SD Replace Base Civil Engineer Maintenance Complex	219-944 55296F 7,500	New	New
2008 3830	TN Squadron Operations Facility	141-753 \$5296F 11.200	4 200 Secure Chances	1
2008 3830	П	╀	New Mission	Tricting
ANG 2009 3830 PYKL059218 Memphis IAP	TN C-5 Widen Taxilane	54119F	New Mission	New
ANG 2008 3830 DDPM059216 JRB NAS Forth Worth	TX Add to and Alter Engine Shop	1 211-157 55296E 1 400	None	14
2010 3830	П	55296F	(1.100) Moved from FY 08. Score Change	New
ANG 2011 3830 FWJH059032 Ellington Field	TX Replace Fire Station	130-142 55296F 7,200	New	New
ANG 2010 3830 USEB889585 Salt Lake City IAP	UT Replace Composite Fire Station	130-142 55296F 10,200	500	New
ANG 2008 3830 MUHJ059057 Langley AFB	VA Operations and Training Facility	171-445 55296F 7.500	weX	T winging
\$2.50 \$2.50				CAISTING
ANG 2009 3830 CURZ049023 Burlington IAP	VT Base Security Improvements	730-835 55296F 9,900	3,100 Scope Change	New
ANG 2008 3830 PQWY059045 McChord AFB	WA 262d Information Warfare Aggressor Squadron Facility	y 171-447 55296F 8,400	New	New
2008 3830	WI Add To And Alter Fire Crash/Rescue Station	130-142 55296F 6.500		
ANG 2010 3830 YAQF029131 Volk Field ANGB	WI Replace Troop Training Quarters	725-517 55296F 8,900	New	new
ANG 2008 3830 PJVY009074 Martinshire MAP	WV CS Engl Coll Maintenance Unacce and Shan	1 401.173		
2008 3830 PJVY009077	C-5 Se	211-1/9 54119F 26,000 141-753 54119F 7 300	700 Mound from EV 07	New
2008 3030 PJVY029162	П	54119F	_	Existing
ANG 2008 3830 PJVY049072 Martinsburg MAP	Т	54119F	New	New
2011 3830	WV Replace Maintenance Hangar	211-111 55295F 17,000		New
ANG 2009 3830 DPEZ019148 Cheyenne MAP	WY Replace Squadron Operations Facility	141-753 [55296F 7,400	600 Moved from FY 11	New
2008 3830	VS Predator Beddown	171-000 53219F 26.700	New Mission	Non
ANG 2009 3830 Various Locations	VS Predator Beddown	Ц	New Mission	New
ANG 2008 3830 Various Locations	VS TACB Medianismi	200000		
3830	VS TACP Modernization	526/1F	New Mission	New
2010 3830	TACP M	171-447 52671F 11.461	New Mission	New
ANG 2011 3830 Various Locations	VS TACP Modernization	52671F	New Mission	New
		ı		

Comp FY Appn Project Number Installation Location Project Title Facility Program Amount FY06 PB ANG 2008 3830 Various Locations VS Planning and Design 55296F 13,684 (601) ANG 2001 3830 Various Locations VS Planning and Design 55296F 12,121 ANG 2010 3830 Various Locations VS Planning and Design 55296F 12,122 ANG 2011 3830 Various Locations VS Planning and Design 55296F 12,122 ANG 2011 3830 Various Locations VS Unspecified Minor Construction 55296F 8,917 (3.138) ANG 2010 3830 Various Locations VS Unspecified Minor Construction 55296F 5,000 S ANG 2010 3830 Various Locations VS Unspecified Minor Construction		Footparint														
FY Appn Project Number Installation Location Project Title Category Elegory	rom	B Explanation of Changes					110	4.1)	38)						98	
FY Appn Project Number Installation Location Project Title Category Elegory	get Change	nt FY06 I		77		71			_			8	٤	3		
FY Appn Project Number Installation Location Project Title Category Elegory	Bud	am Amou		13.6				1				•	Ľ		_	L
FY Appn Project Number Installation Location Project Title 2008 3830 Various Locations VS Planning and Design 2009 3830 Various Locations VS Planning and Design 2011 3830 Various Locations VS Planning and Design 2008 3830 Various Locations VS Inspecified Minor Construction 2009 3830 Various Locations VS Unspecified Minor Construction 2010 3830 Various Locations VS Unspecified Minor Construction 2011 3830 Various Locations VS Unspecified Minor Construction 2011 3830 Various Locations VS Unspecified Minor Construction		llity Progra gory Eleme		55296	2003	32270	55296		55296			22296	90033	2252	55296	70033
FY Appn Project Number Installation Location 2009 3830 Various Locations VS Planning and Design 2009 3830 Various Locations VS Planning and Design 2010 3830 Various Locations VS Planning and Design 2008 3830 Various Locations VS Unspecified Minor Const 2009 3830 Various Locations VS Unspecified Minor Const 2010 3830 Various Locations VS Unspecified Minor Const 2011 3830 Various Locations VS Unspecified Minor Const 2011 3830 Various Locations VS Unspecified Minor Const		Fac		_			_		•		-	_			•	
FY Appn Project Number Installation 2008 3830 Various Locations 2009 3830 Various Locations 2010 3830 Various Locations 2011 3830 Various Locations 2008 3830 Various Locations 2009 3830 Various Locations 2010 3830 Various Locations 2011 3830 Various Locations 2011 3830 Various Locations 2011 3830 Various Locations 2011 3830 Various Locations				Plannin	Planning		Plannin	Plannin	7		1 Inches	3	Cuspec	I Incapa	Ollspa	Unspec
FY Appn Project Number 2008 3830 Various 2009 3830 Various 2010 3830 Various 2011 3830 Various 2008 3830 Various 2009 3830 Various 2010 3830 Various 2011 3830 Various 2011 3830 Various		Locati		NS.	SA	1	S.	3		i	SA N		S	1/2	?	S
FY Appa Project Numbs 2008 3830 2009 3830 2010 3830 2008 3830 2008 3830 2000 3830 2010 3830		ı		Various Locations	Various Locations	Vontone I and	various Locations	Various Locations			Various Locations		various Locations	Various Locations	the rotations	Various Locations
mp FY Appn IG 2008 3830 IG 2010 3830 IG 2011 3830 IG 2008 3830 IG 2008 3830 IG 2008 3830 IG 2009 3830 IG 2010 3830 IG 2010 3830 IG 2010 3830		Project Numb														
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