AIR NATIONAL GUARD

Fiscal Year (FY) 2006/2007 BUDGET ESTIMATES



MILITARY CONSTRUCTION APPROPRIATION 3830

Justification Data Submitted to Congress
February 2005

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 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.
Colorado	Buckley Air Force Base (AFB) ASA - Alert Crew Quarters Sub-Total Colorado	3,000 3,000	II-1
Georgia	Savannah/Hilton Head International Airport (IAP) Replace Operations, Training and Security Forces Complex Sub-Total Georgia	7,000 7,000	II-4
Maryland	Andrews Air Force Base Headquarters ANGRC Addition Sub-Total Maryland	25,600 25,600	II-7
North Carolina	Stanly County Airport (AP) Relocate Communications and Electronics Training Complex Sub-Total North Carolina	4,900 4,900	II-10
Pennsylvania	State College ANG Station Replace Air Operations Squadron Training Facility Sub-Total Pennsylvania	5,300 5,300	II-13
Tennessee	Memphis International Airport C-5 Infrastructure Upgrade C-5 Replace Fire Crash Rescue Station C-5 Replace Squadron Operations and Simulator Training Facility C-5 Replace Aircraft Support Equipment Shop and Storage Sub-Total Tennessee	3,100 4,200 10,000 3,500 20,800	II-16 II-19 II-22

STATE	INSTALLATION AND PROJECT	AUTH/APPN AMOUNT (\$000)	PAGE NO.
West Virginia	EWVRA-Shepherd Field		
	C-5 Replace Squadron Operations Facility	6,600	II-28
	C-5 Replace Fire, Crash and Rescue Station	7,800	II-31
	C-5 Replace Base Supply Facility	5,800	II-34
	C-5 Upgrade/Extend Runway and Taxiways	20,500	II-37
	Sub-Total West Virginia	40,700	
	PLANNING AND DESIGN	107,300 13,880	II-40
	UNSPECIFIED MINOR CONSTRUCTION	5,500	II-42
	SUB-TOTAL SUPPORT COSTS	19,380	
	GRAND TOTAL	126,680	

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

LOCATION	PROJECT	COST (\$000)	CURRENT/ NEW/ENV
Buckley AFB, CO	ASA - Alert Crew Quarters	3,000	N
Savannah/Hilton Head IAP, GA	Replace Operations, Training and Security Forces Complex	7,000	С
Andrews AFB, MD	Headquarters ANGRC Addition	25,600	C
Stanly County (AP), NC	Relocate Communications and Electronics Training Complex	4,900	С
State College ANGS, PA	Replace Air Operations Squadron Training Facility	5,300	С
Memphis IAP, TN	C-5 Infrastructure Upgrade C-5 Replace Fire Crash Rescue Station C-5 Replace Squadron Operations and	3,100 4,200 10,000	N N N
	Simulator Training Facility C-5 Replace Aircraft Support Equipment Shop and Storage	3,500	N
EWVRA-Shepherd Fld, WV	C-5 Replace Squadron Operations Facility C-5 Replace Fire, Crash and Rescue Station C-5 Replace Base Supply Facility C-5 Upgrade/Extend Runway and Taxiways	6,600 7,800 5,800 20,500	N N N
	PLANNING AND DESIGN	13,880	
	UNSPECIFIED MINOR CONSTRUCTION	5,500	
	TOTAL ENERGY TOTAL ENVIRONMENTAL TOTAL NEW MISSION (9) TOTAL CURRENT MISSION (4)	0 0 64,500 42,800	
	GRAND TOTAL - FY 2007 REQUEST	126,680	

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

CECTION I	
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, \$126,680 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

CECTION H	
SECTION II	

PROJECT JUSTIFICATION DATA

	1						ı	
1. COMPONENT							2.	DATE
		FY 2007 MILITARY CO			OJECT DA	TA		
ANG		` *	uter generate				Fel	bruary 2005
3. INSTALLATION	AND :	LOCATION		4. I	PROJECT	ΓITLE		
BUCKLEY AIR FOR	CE B	ASE, COLORADO		ASA -	ALERT CI	REW QUA	ART	ERS
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PROJI	ECT	COST(\$000)
								` ,
51216F		141-459	CRV	VU0290	003		\$3	,000
		9. COST	ESTIMATI	ES				
						UNI	T	COST
		ITEM		U/M	QUANTITY	Y COS	T	(\$000)
ALERT CREW QUA	ARTEI	RS		SM	604			1,917
AIRCREW AND	MISSI	ON SUPPORT		SM	604	3,1	143	(1,898)
ANTITERRORISI	M FOI	RCE PROTECTION		SM	604	Í	32	(19)
SUPPORTING FACILITIES							775	
EMERGENCY BACKUP POWER			LS				(100)	
PAVEMENTS			LS				(200)	
UTILITIES & SIT	E IMI	PROVEMENTS		LS				(180)
SECURITY IMPR	OVE	MENTS/LIGHTS/FENCIN	√G	LS				(260)
COMMUNICATION SUPPORT			LS				(35)	
SUBTOTAL							2,692	
CONTINGENCY (5%)							135	
TOTAL CONTRACT COST							2,827	
SUPERVISION, INSPECTION AND OVERHEAD (6%)							<u> 170</u>	
TOTAL REQUEST							2,997	
TOTAL REQUEST	(ROU	NDED)						3,000

10. Description of Proposed Construction: Reinforced concrete foundations and floor slabs, concrete walls with sound proofing, metal standing seam roof and a secure area. Interior walls and utilities. Provide all exterior utilities, emergency backup generator, communication support, site improvements, road and security upgrades.

Air Conditioning: 263 KW.

11. REQUIREMENT: 604 SM ADEQUATE: 0 SM SUBSTANDARD: 420 SM PROJECT: ASA - Alert Crew Quarters (New Mission).

REQUIREMENT: The base requires a properly sited, sized and configured alert crew quarter facility to allow aircrew to meet prescribed response times for Operation NOBLE EAGLE in support of the Northern Command. Facility must provide, on a 24/7 basis, fighter aircraft mission control and planning with a secure area, aircrew billets for 12 persons, controlled access fenced perimeter and gates, back-up emergency power for the complex, and utilities infrastructure to meet requirements. At this installation, the alert mission was established in response to post 9/11 national strategy requirements to support Homeland Defense capabilities throughout CONUS. The crew quarters must be centrally located to ensure takeoff criteria within prescribed limits.

CURRENT SITUATION: The base does not have a permanent alert crew quarter's facility. As a result of the 9/11 attacks, temporary trailers were purchased to house the crews. The crews and maintenance personnel are housed in modular trailers on the edge of the alert aircraft-parking apron. The trailers have been on site since late 2001 and were not constructed to protect the occupants from the high decibel noise associated with the F-16 aircraft. The flight surgeon is very concerned with the decibel levels inside the trailers when the F-16's start, run up their engines, or fast taxi off the parking apron. The noise and vibration exceed 90 decibels. This disrupts the rest periods. The potential exists for other serious aircrew injuries and limiting the ability of base personnel to meet operational readiness and alert mission response standards. The base instituted temporary procedures for alert mission responses until permanent alert quarters with site improvements could be provided. The trailers cannot provide proper security. Guards must be posted when a classified briefing is in progress. If the trailers were relocated further away, it would reduce the noise, but the crew would not meet launch time. The

1. COMPONENT		2. DATE			
	FY 2007 MILITARY CONSTRUCTION PROJECT DA	ATA			
ANG	(computer generated)	February 2005			
3. INSTALLATION	3. INSTALLATION AND LOCATION				
BUCKLEY AIR FOR	CE BASE, COLORADO				
5. PROJECT TITLE		7. PROJECT NUMBER			
ASA - ALERT CREW QUARTERS CRWU029003					
ideal distance is 75	feet from the aircraft alert shelters; however, the noise re-	duction at this distance can			

ideal distance is 75 feet from the aircraft alert shelters; however, the noise reduction at this distance can only be met by an insulated permanent facility.

IMPACT IF NOT PROVIDED: Aircraft may not be able to launch on-time, potential loss of life, and potential loss of aircraft. Existing operations are performed without complying with the prescribed procedures identified by safety and Air Force instructions as well as implementing airfield waivers to meet Air Force operational requirements. Continued risk to civilian and military personnel and base property. Potential for loss of life is high. A mishap may cause harm/injury to civilian and military personnel, damage base facilities, and create unfavorable publicity for the Air Force and the Air National Guard. Crews continue to be forced to perform the mission in a crew/mission support facilities that lack adequate crew rest caused by exterior noise. Response time to alert notification is affected and condition of crews due to poor living conditions is adversely affected.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. These facilities are "inhabited" buildings and meet the standoff distance requirements. There is minimal threat and the level of protection is low so minimum construction standards have been applied. All known 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. Upon completion of this project the temporary trailers will be removed.

AIRCREW AND MISSION SUPPORT 604 SM – 6,500 SF

. COMPONENT ANG	FY 2007 MILITARY CONSTRUCTION PROJECT DAT	
INSTALLATION A	(computer generated) AND LOCATION	February 2003
PROJECT TITLE	CE BASE, COLORADO	7. PROJECT NUMBER
.TROJECT TITLE		
ASA - ALERT CREW	QUARTERS	CRWU029003
2. SUPPLEMENT	AL DATA:	
a. Estimated Desig	n Data:	
(1) Status:	and the state of	IANI 2002
	esign Started tric Cost Estimates used to develop costs	JAN 2003 NO
	Complete as of Jan 2005	40%
	% Designed	OCT 2004
	esign Complete	AUG 2005
	Design Contract	STANDARD
(g) Energy	Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
	d or Definitive Design -	YES
(b) Where	Design Was Most Recently Used - A	TLANTIC CITY, NJ
	(c) = (a) + (b) or (d) + (e):	(\$000)
	ion of Plans and Specifications	180
	er Design Costs	90
(c) Total		270
(d) Contrac (e) In-Hous		270
(4) Contract Av	vard (Month/Year)	APR 2007
(5) Construction	n Start	MAY 2007
(6) Construction	n Completion	JAN 2008
	ated with this project will be provided from other appropriations	: N/A

POINT OF CONTACT: MR. STEVEN ROSNER (301) 836-8186

4. 001 001 01 01	I							D + 600
1. COMPONENT		DV 4005 MILITED DV CC	NIGERAL CONT	011.00	0 IE 0 E 5 :	T. 4	2.	DATE
ANIC		FY 2007 MILITARY CO			OJECT DA	IΑ	F 1	2005
ANG	1315	\ I	uter generate		DO IECT	DIGIT D	Fel	oruary 2005
3. INSTALLATION	AND .	LOCATION			PROJECT		- TD	A DUDLIC AND
	ALIID	AD IAD GEODGIA						AINING AND
SAVANNAH/HILTO			1		RITY FOR			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PROJI	ECT	COST(\$000)
55296F		171-445	XDO	QU0490)24		\$7.	,000
		9. COST	ESTIMATI	ES				
						UNI	T	COST
		ITEM		U/M	QUANTITY	Y COS	T	(\$000)
REPLACE OPERAT	TONS	AND TRAINING COMP	LEX	SM	2,852			4,871
OPERATIONS AT	ND TR	RAINING		SM	1,784	1,6	590	(3,015)
SECURITY FORC	CES O	PERATION/TRAINING		SM	1,068	1,6	579	(1,793)
		RCE PROTECTION		SM	2,852		22	(63)
SUPPORTING FACILITIES						1,422		
UTILITIES			LS				(700)	
PAVEMENTS			LS				(250)	
SITE IMPROVEM		•		LS				(145)
DEMOLITION/A				SM	1,066] 1	61	(172)
PASSIVE FORCE PROTECTION MEASURES			LS				(100)	
COMMUNICATION SUPPORT			LS				(55)	
SUBTOTAL							6,293	
CONTINGENCY (5%)							315	
TOTAL CONTRACT COST							6,608	
SUPERVISION, INSPECTION AND OVERHEAD (6%)							<u>396</u>	
	TOTAL REQUEST TOTAL REQUEST (ROUNDED)							7,004
TOTAL REQUEST	(KUUI	NDED)						7,000
<u> </u>								

10. Description of Proposed Construction: Reinforced concrete pile foundation, steel-framed masonry walls, and roof structure. Interior partitions and utilities. Includes all exterior utilities, access pavements, fire protection, communications system support extension, and site work. Demolish three buildings (1,066 SM) and landscape the grounds.

Air Conditioning: 455 KW.

11. REQUIREMENT: 2,852 SM ADEQUATE: 0 SM SUBSTANDARD: 3,127 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 O&T function is housed in a structurally sound building. However, it only satisfies 75 percent of the minimum authorized space. 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. By relocating the operations and training function, it will be possible to accommodate the other functions within the building such as the dining hall, services and the communications functions that also have space deficiencies. 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. They will be demolished.

1. COMPONENT			2. DATE
ANG	FY 2007 MILITARY CONSTRUCTION (computer generated)		February 2005
3. INSTALLATION			1 coluary 2003
	NAME A DATA GEODGIA		
5. PROJECT TITLE	N HEAD IAP, GEORGIA	7 D	ROJECT NUMBER
5. PROJECT TITLE		/. P	ROJECT NUMBER
	ONS, TRAINING AND SECURITY FORCES		XDQU049024
	PROVIDED: Inadequate working and train		
	 Significant space deficiencies degrade m ncies. High facility operating and maintenance 		
	g health, fire, and safety hazards will remain		
desirable. Unit vuli	nerability to terrorist activity, and degraded		
continue.		1: 41 A: NT 4:	1.0 111 11 1
	nis project meets the criteria/scope specified Requirements" and is in compliance with the		
	ents have been considered in the developm		
buildings will be de	emolished as a result of this project: 310 (37	75 SM), 337 (301 S	M) and 360 (390 SM)
	SM. In several areas, the demolished build		
_	nstead of landscaping. This will allow others by providing a standoff distance from	2	
	omparing the alternatives of new construct		
	n the net present values and benefits of the		
was found to be the	cost efficient over the life of the project.	-	
OPERATIONS AN	ND TRAINING	1,784 SM – 19,200 S	SF
SECURITY FORC	ES OPERATION/TRAINING	1,068 SM – 11,500 S	

. COMPONENT		2. DATE
ANG	FY 2007 MILITARY CONSTRUCTION PROJECT DA (computer generated)	
. INSTALLATION	AND LOCATION	
AVANNAH/HILTO	N HEAD IAP, GEORGIA	
. PROJECT TITLE		7. PROJECT NUMBER
EPLACE OPERATI	ONS, TRAINING AND SECURITY FORCES COMPLEX	XDQU049024
2. SUPPLEMENT	'AL DATA:	
a. Estimated Designated	gn Data:	
(1) Status:		WW 2004
	Design Started etric Cost Estimates used to develop costs	JUL 2004 NO
(c) Percent	Complete as of Jan 2005	10%
	5% Designed	AUG 2005
	esign Complete	AUG 2006
	f Design Contract	STANDARD
(g) Energy	Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		NO
	rd or Definitive Design - Design Was Most Recently Used -	NO N/A
	·	(\$000)
	f(c) = f(a) + f(b) or $f(d) + f(e)$: tion of Plans and Specifications	420
	ner Design Costs	210
(c) Total	let Design Costs	630
(d) Contra	et	630
(e) In-Hou		
(4) Contract A	ward (Month/Year)	APR 2007
(5) Construction	n Start	MAY 2007
(6) Construction	n Completion	MAY 2008
b. Equipment assoc	iated with this project will be provided from other appropriation	ns: N/A

POINT OF CONTACT: MR. DENNIS BALLOG (301) 836-8429

1. COMPONENT							2	DATE
FY 2007 MILITARY CONSTRUCTION PROJECT DATA			ТΛ	2.	DATE			
ΔNG	ANG (computer generated)			Fel	oruary 2005			
3. INSTALLATION	AND I		uter generati	4. PROJECT TITLE				51 uai y 2005
J. INSTALLATION	AND	LOCATION		т. 1	ROJECT			
ANDREWS AIR FOR	CE B	ASE, MARYLAND		HEAD	QUARTER	RS ANGR	C A	DDITION
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PROJI	ECT	COST(\$000)
55296F		610-284	AJZ	XF0490	27		\$25	5,600
		9. COST	ESTIMATI	ES				
						UNI	T	COST
ITEM		U/M	QUANTITY:	Y COS	T	(\$000)		
ANG SUPPORT CENTER ADDITION		SM	14,028			19,930		
ANGRC SUPPORT			SM	13,471		121	(19,142)	
REPLACE STORAGE WAREHOUSE		SM	557	8	383	(492)		
		RCE PROTECTION		SM	13,471		22	(296)
	SUPPORTING FACILITIES							3,071
SITE IMPROVEMENTS			LS				(451)	
UTILITIES			LS				(500)	
PAVEMENTS			LS				(950)	
COMMUNICATION				LS				(97)
DRAINAGE REL				LS				(299)
FIRE PROTECTION				LS	2 104			(435)
DEMOLITION/ASBESTOS REMOVAL			SM	2,104]	161	(339)	
SUBTOTAL CONTINUENCY (CO.)						23,001		
CONTINGENCY (5%)							<u>1,150</u>	
	TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (6%)						24,151	
TOTAL REQUEST	PECI	ION AND OVEKHEAD ((070)					$\frac{1,449}{25,600}$
TOTAL REQUEST								23,000

10. Description of Proposed Construction: A multi-story steel and masonry structure to match surrounding architectural style, with concrete sidewalks, supporting pavements, landscaping and storm water management pond. Facility designed to support pre-wired workstations. Provide elevators. Construct a pre-engineered non-heated storage warehouse. Demolish buildings at 2,104 SM and landscape the site. Interior walls and utility systems. Exterior work includes: relocate drainage and access roads; construct parking lots; construct/extend storm drainage system. Upgrade water line for fire protection system; provide standoff distance for the parking areas; extend communication support systems.

Air Conditioning: 525 KW.

11. REQUIREMENT: 26,889 SM ADEQUATE: 15,304 SM SUBSTANDARD: 10,192 SM PROJECT: Headquarters ANGRC Addition (Current Mission).

<u>REQUIREMENT</u>: The Air National Guard Headquarters (ANG HQ) requires an adequately sized and properly configured facility to house the ANG HQ functions, such as commander and staff, administration, conference rooms and training rooms. Provide a secure area for classified conference meeting, calls and other secure activities. Provide miscellaneous support space.

CURRENT SITUATION: The ANG HQ function is split between Andrews Air Force Base (AFB), Maryland and a leased space in Alexandria, Virginia at Jefferson Plaza One, in Crystal City, also known as JP1. Nearly 350 personnel are assigned to a leased facility with a very expensive annual rental cost. The lease is due for renegotiation in 2008 and is anticipated to increase substantially. The JP1 space does not comply with the antiterrorism/force protection standards necessary to ensure the personnel are protected and has no means to correct the deficiencies. This facility lies within the heart of Crystal City with many other buildings and parking structures adjacent to the facility with little or no setback or separation distance. Many of these facilities have non-Department of Defense personnel working within. The JP1 facility cannot be secured so the safety and continued operation of these personnel cannot be guaranteed. At Andrews AFB ANG HQ personnel are housed in a newly

1. COMPONENT		2. DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DA	ATA
ANG	(computer generated)	February 2005
3. INSTALLATION		
ANDREWS AIR FOR	RCE BASE, MARYLAND	
5. PROJECT TITLE		7. PROJECT NUMBER
HEADQUARTERS A	NGRC ADDITION	AJXF049027

renovated three-story facility and in a World War II facility. This World War II facility is extremely dilapidated. The mechanical systems are very inefficient and difficult to maintain due to the age and scarcity of replacement parts. The electrical system is antiquated and cannot handle the demands placed on it by the number of personal computers and other standard administrative support equipment. Corridor and circulation space is being used for offices and to temporarily store equipment and office supplies. The facility lacks adequate fire protection systems. There are inadequate female accommodations. The current complex includes an outdated warehouse facility that lies in the way of construction for the storm water management pond required for this project. The State of Maryland requires storm water management for all construction. This warehouse needs to be demolished and replaced at another location. The current building at Andrews AFB cannot accommodate additional personnel due to fire code violations. The consolidation of the ANG HQ staff at Andrews AFB will result in significant staff efficiencies and economies. Functions, which are separated, can be reunited. The shuttle that operates between the two locations can be eliminated. There are considerable inefficiencies as the staff attempts to go back and forth between Andrews AFB and JP1 for meetings. Travel between Andrews AFB and JP1 can take hours depending on the time of day and the traffic. The split operation is the most significant complaint received by the management and personnel from the field. Personnel from the field have to make two stops when visiting the ANG HQ staff. This is time consuming and expensive.

IMPACT IF NOT PROVIDED: Inadequate working conditions and organizational separation are having an adverse impact on the ANG HQ Readiness Center's ability to serve the over 108, 000 ANG field personnel and other customers. Leasing costs will continue to escalate due to the high demand for administrative space in the Crystal City area. Personnel assigned to JP1 continue to be at risk due to lack of antiterrorism force protection measures. Staff efficiencies cannot be realized.

<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. An economic analysis has been prepared to compare the alternatives of new construction, revitalization, leasing and status quo operation. New construction is the most economic solution. This facility is a "primary gathering" facility and meets the standoff distance requirements. There is minimal threat and the level of protection is low so minimum construction standards have been applied. Completion of this project will allow for the demolition of buildings 3534 (1,202 SM), and 3545 (902 SM) at Andrews AFB and the lease termination of JP1 in Crystal City, Virginia (8,088 SM) for a total of 10,192 SM.

ANGRC SUPPORT REPLACE STORAGE WAREHOUSE 13,471 SM – 145,002 SF 557 SM – 5,996 SF

		,	Т
1. C	OMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DA	2. DATE
ı <u></u>	ANG	(computer generated)	February 2005
3. IN	NSTALLATION	AND LOCATION	
AΝΓ	DREWS AIR FOR	RCE BASE, MARYLAND	
5. PF	ROJECT TITLE		7. PROJECT NUMBER
HEA	.DQUART <u>ers</u> A	ANGRC ADDITION	AJXF049027
	-	<u> </u>	
12.	SUPPLEMENT	ſAL DATA:	
a.	Estimated Desig	gn Data:	
	(1) Status:		
		Design Started	JUN 2004
		etric Cost Estimates used to develop costs	YES
		t Complete as of Jan 2005	10%
		5% Designed	JUN 2005
		Design Complete	DEC 2006
		f Design Contract	STANDARD
	(g) Energy	y Study/Life-Cycle analysis was/will be performed	YES
	(2) Basis:		110
		rd or Definitive Design -	NO
	(b) Where	Design Was Most Recently Used -	N/A
	(3) Total Cost	(c) = (a) + (b) or (d) + (e):	(\$000)
		etion of Plans and Specifications	1,530
		her Design Costs	760
	(c) Total		2,260
	(d) Contra	ct	2,260
	(e) In-Hou	ise	
	(4) Contract Av	ward (Month/Year)	MAR 2007
	(5) Construction	on Start	APR 2007
	(6) Construction	on Completion	OCT 2008
b.	Equipment assoc	ciated with this project will be provided from other appropriation	ns: N/A
DC.	NATE OF COMEA	ACT. MD JOHN LOFIN E DE	
PO	INT OF CONTA	ACT: MR. JOHN LOEHLE, PE (301) 836-8076	

1. COMPONENT							2	DATE
I. COMI OTIENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA					DITTE		
ANG			uter generate				Fel	oruary 2005
3. INSTALLATION	AND	LOCATION		4. I	ROJECT	ΓITLE		<u> </u>
				RELO	CATE CO	MMUNIC.	ATI	ONS AND
STANLY COUNTY A	AIRPO	ORT, NORTH CAROLINA	A	ELEC	TRONICS	TRAININ	G C	OMPLEX
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT			CT NUN	/IBER	8. PROJE	ЕСТ	COST(\$000)	
55296F		171-447	WE	FM9795	532		\$4,	900
		9. COST	ESTIMATI	ES				
						UNI	Γ	COST
ITEM			U/M	QUANTIT	Y COS	Τ	(\$000)	
RELOCATE COMMUNICATIONS TRAINING COMPLEX			SM	2,119			3,406	
COMMUNICATIONS TRAINING			SM	1,654		18	(2,511)	
COMMUNICATION CENTER/VAULT			SM	186		94	(352)	
STATION COMMAND OFFICE/MEDICAL TRAINING		SM	279	1,7	76	(496)		
ANTITERRORISM FORCE PROTECTION			SM	2,119		22	(47)	
SUPPORTING FACILITIES			LS				1,002	
UTILITIES			LS				(200)	
PAVEMENTS		~		LS				(522)
SITE IMPROVEN		-		LS				(175)
COMMUNICATI				LS				(35)
SECURITY MEA	SUKE			LS				(70)
SUBTOTAL CONTINCENCY (5)	0/)							4,408
CONTINGENCY (5%)						<u>220</u>		
TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (6%)						4,628 278		
TOTAL REQUEST	or EC I	ION AND UVERHEAD	(0/0)					4,906
TOTAL REQUEST	(ROUI	NDED)						4,900
10 IIIL ILLQUEDI	(2000)							1,500
				_				

- 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, fire protection, site improvements and support. Roads and parking shall be asphalt concrete paved and perimeter security fence is also required. Facility to support pre-wired workstations. Air Conditioning: 88 KW.
- 11. REQUIREMENT: 2,119 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 (AGS) to Stanly County Airport. The functional areas include electronic training area and administrative offices, electronic equipment maintenance area, communications vault and medical training area.
- CURRENT SITUATION: The facilities for this unit located at Badin AGS are no longer adequate to support the mission. Training is severely limited due to lack of adequate open training space and close neighbors, hindering set-up and training on critical equipment. The exterior finishes of the existing facility are deteriorating and becoming costly to repair. The roof is leaking and the existing electrical system does not meet current code requirements. Current fire alarm system is unreliable and inadequate. The well water supply is inadequate and the water in non-potable. In the early 1990's both the 118th Combat Communication Squadron and the 263 Combat Communication Group were located at Badin AGS. Due to inadequate facilities and the inability to properly modernize the facilities as a result of land constraints, the 118th was relocated to Stanly County Airport, approximately 1/2 hour away. Resources for supporting two geographically separated units (Badin AGS and Stanly County) are decreasing and consolidation of both of these units at Stanly County will improve effective use of personnel, facilities, and utilities. Consolidation will also simplify force protection requirements and anti-terrorism measures. The Communications and Electronics Training Facility is the last building required in order to consolidate the entire unit at Stanly County. This project will relocate the

1. COMPONENT		2. DATE
	FY 2006 MILITARY CONSTRUCTION PROJECT D	ATA
ANG	(computer generated)	February 2005
3. INSTALLATION	AND LOCATION	
STANLY COUNTY A	AIRPORT, NORTH CAROLINA	
5. PROJECT TITLE		7. PROJECT NUMBER
RELOCATE COMM	UNICATIONS AND ELECTRONICS TRAINING	
COMPLEX		WEFM979532

remaining portion out of Badin AGS and consolidates both units to Stanly County Airport where there is adequate utility support, land for training and they can jointly use some of the facilities. IMPACT IF NOT PROVIDED: Inefficiencies due to two geographically separated units continue and critical maintenance and training will remain restricted to a point of impacting the mobility mission of the 263rd CCS. Morale is decreased due to the inefficiencies and poor support, ultimately effecting Status of Readiness and Training (SORTs) availability and ratings. The facility and the land/space training shortfalls degrade SORTs training and operational readiness. Lack of training space, combined with increased operations tempo also affects the unit's AEF availability and mission sustainment capabilities.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. This facility is an "inhabited" building and meets the standoff distance requirements. There is minimal threat and the level of protection is low so minimum construction standards have been applied. Upon completion of this project 4,346 SM of facilities and 219 acres of property at Badin AGS will be returned to the county and the station closed. This is not a BRAC action due to the small number of personnel assigned. All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

COMMUNICATIONS TRAINING 1,654 SM – 17,800 SF COMMUNICATION CENTER/VAULT 186 SM – 2,000 SF STATION COMMAND OFFICE/MEDICAL TRAINING 279 SM – 3,000 SF

1. C	OMPONENT	TV 2007 NOVE DV GONGTRUGTION PROJECT DAT	2. DATE
	ANG	FY 2006 MILITARY CONSTRUCTION PROJECT DAT (computer generated)	February 2005
3. IN		AND LOCATION	100.000.j =0
OTA.	NU V COLINITY /	ADDORT MORTH CAROLINA	
	ROJECT TITLE	AIRPORT, NORTH CAROLINA	7. PROJECT NUMBER
		JNICATIONS AND ELECTRONICS TRAINING	7. I ROJECT NOMBER
COM	MPLEX .		WEFM979532
2.	SUPPLEMENT	AL DATA:	
a.	Estimated Desig	n Data:	
	(1) Status:		
		esign Started	MAR 2004
		tric Cost Estimates used to develop costs Complete as of Jan 2005	NO 40%
		1% Designed	NOV 2004
		esign Complete	DEC 2005
		Design Contract	STANDARD
		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	290
		er Design Costs	140
	(c) Total		430
	(d) Contrac		430
	(e) In-Hous	ge	
	(4) Contract Av	vard (Month/Year)	MAY 2006
	(5) Construction	ı Start	JUN 2006
	(6) Construction	n Completion	JUN 2007
b.	Equipment associ	ated with this project will be provided from other appropriations	s: N/A

POINT OF CONTACT: MR. JAMES MCPEAK (301) 836-8131

								-
1. COMPONENT							2.	DATE
		FY 2007 MILITARY CO	NSTRUCTI	ON PR	OJECT DA	TA		
ANG			uter generate	ed)			Fel	oruary 2005
3. INSTALLATION	AND I	LOCATION		4. PROJECT TITLE				
							ONS	SQUADRON
STATE COLLEGE A	NG S	ΓΑΤΙΟΝ, PENNSYLVAN	IIA	TRAIN	NING FAC	ILITY		
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT			CT NUN	1BER	8. PROJI	ECT	COST(\$000)	
55296F		171-447	WF	GE0391	75		\$5,	,300
9. COST ESTIMATES								
						UNI	Т	COST
ITEM			U/M	QUANTIT'	Y COS	T	(\$000)	
REPLACE AIR OPERATIONS SQUADRON FACILITY			SM	2,090			3,984	
AIR OPERATIONS SQUADRON AREA			SM	1,951	1,8	384	(3,676)	
HONOR GUARD AREA			SM	139	1,8	384	(262)	
AT/FP PHYSICAL SECURITY MINIMUN STANDARDS			SM	2,090		22	(46)	
SUPPORTING FAC	ILITIE	ES						790
UTILITIES			LS				(185)	
PAVEMENTS			LS				(150)	
SITE IMPROVEN				LS				(175)
DRAINAGE IMP		· · · · ·		LS				(180)
COMMUNICATI				LS				(50)
SECURITY MEA	SURE			LS				(50)
SUBTOTAL								4,774
CONTINGENCY (5%)						239		
TOTAL CONTRACT COST						5,013		
	SPECT	TON AND OVERHEAD	(6%)					301
TOTAL REQUEST	/n o -							5,314
TOTAL REQUEST	(ROUI	NDED)						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. Anti-Terrorism/Force Protection improvements, security measures and landscaping. Air Conditioning: 263 KW.

11. REQUIREMENT: 2,090 SM ADEQUATE: 4,088 SM SUBSTANDARD: 0 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. After the facilities were built, the Air Traffic Control Squadron relocated to Johnstown, Pennsylvania for a better training environment and the unit changed its mission from ACS to AOS. The 112th AOS now has excess space. 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 to the Army National Guard who will use the space as is for the beddown of the Stryker Brigade.

<u>IMPACT IF NOT PROVIDED</u>: The current 112th AOS facilities will remain under utilized. The Army National Guard will have to build facilities for the Stryker mission at a much higher overall cost to the Department of Defense.

<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, and maintenance and repair of these facilities will be undertaken proportionally in a

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1. COMPONENT	EV 2007 MILITADY CONCEDITORIO	NI DD O IECT DA	тл	2. DATE
ANG	FY 2007 MILITARY CONSTRUCTIC (computer generated		1A	February 2005
3. INSTALLATION)		
STATE COLLEGE A	NG STATION DENNISYLVANIA			
5. PROJECT TITLE	NG STATION, PENNSYLVANIA		7 PR()	ECT NUMBER
3.1 ROJECT TITLE			7. I KOJI	ECT NUMBER
	RATIONS SQUADRON TRAINING FACILI			FGE039175
distance requirement "Facility Requirement construction, revita	functions in this project are considered "inlints. This project meets the criteria/scope sents". An economic analysis has been prelization, leasing and status quo operation. ective alternatives, new construction was a	specified in the Appared comparing Based on the ne	ANG Hang the altest present	ndbook 32-1084, ernatives of new t values and
	IS SQUADRON AREA	1,951 SM – 21, 139 SM – 1,		
HONOR GUARD AT/FP PHYSICAI	L SECURITY MINIMUN STANDARDS	2,090 SM - 23,		

FY 2007 MILITARY CONSTRUCTION PROJECT DAY (computer generated) ATION AND LOCATION LEGE ANG STATION, PENNSYLVANIA TITLE IR OPERATIONS SQUADRON TRAINING FACILITY LEMENTAL DATA: ted Design Data: ttus: Date Design Started Parametric Cost Estimates used to develop costs Percent Complete as of Jan 6 Date 35% Designed Date Design Complete Type of Design Contract Energy Study/Life-Cycle analysis was/will be performed	7. PROJECT NUMBER WFGE039175 OCT 2004 YES 2005% JUL 2005 MAY 2005 STANDARD YES
ATION AND LOCATION LEGE ANG STATION, PENNSYLVANIA TITLE IR OPERATIONS SQUADRON TRAINING FACILITY LEMENTAL DATA: ted Design Data: tus: Date Design Started Parametric Cost Estimates used to develop costs Percent Complete as of Jan 6 Date 35% Designed Date Design Complete Type of Design Contract	7. PROJECT NUMBER WFGE039175 OCT 2004 YES 2005% JUL 2005 MAY 2005 STANDARD
TITLE IR OPERATIONS SQUADRON TRAINING FACILITY LEMENTAL DATA: ted Design Data: tus: Date Design Started Parametric Cost Estimates used to develop costs Percent Complete as of Jan 6 Date 35% Designed Date Design Complete Type of Design Contract	OCT 2004 YES 2005% JUL 2005 MAY 2005 STANDARD
TITLE IR OPERATIONS SQUADRON TRAINING FACILITY LEMENTAL DATA: ted Design Data: tus: Date Design Started Parametric Cost Estimates used to develop costs Percent Complete as of Jan 6 Date 35% Designed Date Design Complete Type of Design Contract	OCT 2004 YES 2005% JUL 2005 MAY 2005 STANDARD
IR OPERATIONS SQUADRON TRAINING FACILITY LEMENTAL DATA: ted Design Data: tus: Date Design Started Parametric Cost Estimates used to develop costs Percent Complete as of Jan 6 Date 35% Designed Date Design Complete Type of Design Contract	OCT 2004 YES 2005% JUL 2005 MAY 2005 STANDARD
ted Design Data: tus: Date Design Started Parametric Cost Estimates used to develop costs Percent Complete as of Jan 6 Date 35% Designed Date Design Complete Type of Design Contract	OCT 2004 YES 2005% JUL 2005 MAY 2005 STANDARD
tus: Date Design Started Parametric Cost Estimates used to develop costs Percent Complete as of Jan 6 Date 35% Designed Date Design Complete Type of Design Contract	YES 2005% JUL 2005 MAY 2005 STANDARD
Date Design Started Parametric Cost Estimates used to develop costs Percent Complete as of Jan 6 Date 35% Designed Date Design Complete Type of Design Contract	YES 2005% JUL 2005 MAY 2005 STANDARD
Date Design Started Parametric Cost Estimates used to develop costs Percent Complete as of Jan 6 Date 35% Designed Date Design Complete Type of Design Contract	YES 2005% JUL 2005 MAY 2005 STANDARD
Date Design Started Parametric Cost Estimates used to develop costs Percent Complete as of Jan 6 Date 35% Designed Date Design Complete Type of Design Contract	YES 2005% JUL 2005 MAY 2005 STANDARD
Parametric Cost Estimates used to develop costs Percent Complete as of Jan 6 Date 35% Designed Date Design Complete Type of Design Contract	YES 2005% JUL 2005 MAY 2005 STANDARD
Percent Complete as of Jan 6 Date 35% Designed Date Design Complete Type of Design Contract	2005% JUL 2005 MAY 2005 STANDARD
Date 35% Designed Date Design Complete Type of Design Contract	JUL 2005 MAY 2005 STANDARD
Date Design Complete Type of Design Contract	MAY 2005 STANDARD
Type of Design Contract	STANDARD
sis:	
Standard or Definitive Design -	NO
Where Design Was Most Recently Used -	N/A
tal Cost (c) = (a) + (b) or (d) + (e):	(\$000)
Production of Plans and Specifications	318
All Other Design Costs	159
Total	477
	477
In-House	
ntract Award (Month/Year)	MAY 2007
nstruction Start	JUN 2007
nstruction Completion	JUN 2008
ent associated with this project will be provided from other appropriation	ns: N/A
) t) 1	Where Design Was Most Recently Used - al Cost (c) = (a) + (b) or (d) + (e): Production of Plans and Specifications All Other Design Costs Total Contract In-House htract Award (Month/Year) instruction Start instruction Completion

POINT OF CONTACT: mr> STEVEN E ROSNER (301) 836-8186

 COMPONENT 							2.	DATE
		FY 2007 MILITARY CONSTRUCTION PROJECT DATA						
ANG		(comp	uter generate	ed)			Fel	oruary 2005
3. INSTALLATION	AND :	LOCATION		4. I	ROJECT	ΓITLE		
MEMPHIS INTERNA	ATION	NAL AIRPORT, TENNES	SEE	C-5 IN	FRASTRU	CTURE I	JPG	RADE
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PROJ	ECT	COST(\$000)
								, ,
54119F		851-000	PYI	KL0190	81		\$3,	,100
9. COST ESTIMAT			ESTIMATI	ES				
						UNI	T	COST
ITEM			U/M	QUANTITY	Y COS	T	(\$000)	
C-5 SITE INFRASTRUCTURE			LS	_			2,782	
ROADS			SM	8,779		32	(281)	
BASE PARKING AREA		SM	7,525		32	(241)		
AREA LIGHTING		LS				(615)		
LANDSCAPING			LS				(285)	
ROAD SIGNS		LS				(50)		
PERIMETER FENCING		LS				(400)		
DRAINAGE IMP	ROVN	MENTS		LS				(650)
SECURITY MEA	SURE	S		LS				(260)
SUBTOTAL								2,782
CONTINGENCY (5%)						<u>139</u>		
TOTAL CONTRAC								2,921
	SPECT	TION AND OVERHEAD ((6%)					<u>175</u>
TOTAL REQUEST	/D 01 7	(IDED)						3,096
TOTAL REQUEST	(KOU)	NDED)						3,100

10. Description of Proposed Construction: Bituminous wearing course on roadways; construct parking areas, perimeter and security fencing; provide area lighting, base signage and necessary site improvements; and install security measures.

11. REQUIREMENT: As Required.

PROJECT: 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 elements to include perimeter and security fencing, base signage, and area lighting, drainage and landscape. The Air Force on behalf of the Air National Guard (ANG) and the Memphis-Shelby County Airport Authority have signed a Land Exchange Agreement (LEA). The LEA mandates the Airport Authority to replicate the C-141 facilities 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. 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 102 acres site.

<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 meet the new DOD antiterrorism and force protection standards. Sidewalks are not available. The storm drainage is undersized and does not flow properly. The ramp lighting is inadequate, and on base vehicle parking is not available. Entrance and road signs are not available. In addition, the ANG base is being relocated to another part of the Memphis Airport via the LEA. This project will provide the final site preparation and landscaping for the DOD funded portion of the relocation and conversion.

1. COMPONENT		2. DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DA	ATA
ANG	(computer generated)	February 2005
3. INSTALLATION	AND LOCATION	
MEMPHIS INTERNA	ATIONAL AIRPORT, TENNESSEE	
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 INFRASTRUCTI	URE UPGRADE	PYKL019081

IMPACT IF NOT PROVIDED: The relocation will not be completed. The facilities will not have adequate vehicles parking, the proper utilities, the necessary drainage and landscape. The terrain will remain muddy; vehicle parking will be on dirt. This will result in a quagmire during inclement weather. Base will not have security fencing. The drainage will be incomplete resulting in damage to the grounds and facilities. Without the final overlay, the roads will deteriorate very fast adding risk if FOD migration to aircraft operating surfaces. Health and safety deficiencies will occur. DOD antiterrorism and force protection measures cannot be met. This is the last project to be completed and will provide the final touch to the conversion and relocation.

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

ROADS 8,779 SM - 10,500 SY BASE PARKING AREA 7,525 SM - 9,000 SY

3. INSTALLATION AND LOCATION MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE 5. PROJECT TITLE 7. PROJECT NOTES OF THE STREET OF THE	DATE
3. INSTALLATION AND LOCATION MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE 5. PROJECT TITLE 7. PROJECT NOTES OF THE STRUCTURE UPGRADE 2. SUPPLEMENTAL DATA: a. Estimated Design Data: (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of Jan 2005 (d) Date 35% Designed (e) Date Design Complete (f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start MA MA MA MA MA MA MA MA MA M	ruary 2005
5. PROJECT TITLE C-5 INFRASTRUCTURE UPGRADE 2. SUPPLEMENTAL DATA: a. Estimated Design Data: (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of Jan 2005 (d) Date 35% Designed (e) Date Design Complete (f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start MA MA MA MA MA MA MA MA MA M	<u> </u>
2. SUPPLEMENTAL DATA: a. Estimated Design Data: (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of Jan 2005 (d) Date 35% Designed (e) Date Design Complete (f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start MA	
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a. Estimated Design Data: (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of Jan 2005 (d) Date 35% Designed (e) Date Design Complete (f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start MA	19081
(1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of Jan 2005 (d) Date 35% Designed (e) Date Design Complete (f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start MA	
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(b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of Jan 2005 (d) Date 35% Designed (e) Date Design Complete (f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start MA	L 2004
(c) Percent Complete as of Jan 2005 (d) Date 35% Designed (e) Date Design Complete (f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start MA	YES
(d) Date 35% Designed (e) Date Design Complete (f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start MA	10%
(f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start MA	N 2005
(g) Energy Study/Life-Cycle analysis was/will be performed (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start	T 2006
(2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start MA	DARD
 (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) (5) Construction Start MA 	YES
 (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start 	
 (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start MA MA MA MA MA MA MA MA MA M	NO
 (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start MA	N/A
 (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start MA	(\$000)
(c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start MA	180
(d) Contract (e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start MA	90
(e) In-House (4) Contract Award (Month/Year) MA (5) Construction Start MA	270
(4) Contract Award (Month/Year) (5) Construction Start MA	270
(5) Construction Start MA	
	R 2007
(6) Construction Completion MA	Y 2007
	Y 2008
b. Equipment associated with this project will be provided from other appropriations:	N/A

POINT OF CONTACT: MAJ MIKE MCDONALD (301) 836-8047

							1 -	
1. COMPONENT						2.	DATE	
	FY 2007 MILITARY CONSTRUCTION PROJECT DATA							
ANG		` *	uter generat	ed)			Fel	oruary 2005
3. INSTALLATION	AND	LOCATION		4. F	PROJECT	ΓITLE		
				C-5 RI	EPLACE F	IRE CRA	SH F	RESCUE
MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE S				STATI	ON			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PROJ	ECT	COST(\$000)
54119F		130-142	PYI	KL0190	85 \$4,200			
		9. COST	ESTIMATI	ES				
						UNI	Т	COST
		ITEM		U/M	QUANTIT	Y COS	Ϋ́	(\$000)
C-5 REPLACE FIRE	E STA	TION		SM	1,198			3,197
FIRE STATION				SM	1,198	2,	637	(3,159)
ANTITERRORIS	M FOI	RCE PROTECTION		SM	1,198		32	(38)
SUPPORTING FACILITIES			LS				575	
PAVEMENTS			LS				(210)	
SITE IMPROVEN	MENTS	S		LS				(125)
UTILITIES				LS				(155)
COMMUNICATI	ONS S	SUPPORT		LS				(85)
SUBTOTAL							3,772	
CONTINGENCY (5%)							189	
TOTAL CONTRACT COST							3,961	
SUPERVISION, INSPECTION AND OVERHEAD (6%)							238	
TOTAL REQUEST								4,199
TOTAL REQUEST	(ROU	NDED)						4,200

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: 228 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 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. Five of the eight aircraft are scheduled to be phased in starting in 2005; the other three are planned to arrive in 2008. The base does not have enough parking apron to accommodate all eight C-5 aircraft, which is the maximum capacity the site will allow. The base requires an adequately sized, properly sited and adequately configured and equipped hangar bay, general and organizational maintenance shops and administrative areas directly related to the aircraft maintenance functions and to provide consolidated maintenance. The Air Force on behalf of the Air National Guard (ANG) and the Memphis-Shelby County Airport Authority have signed a Land Exchange Agreement (LEA). The LEA mandates the Airport Authority to replicate the C-141 facilities at the new 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.

1. COMPONENT		2. DATE					
	FY 2007 MILITARY CONSTRUCTION PROJECT DA	ATA					
ANG	ANG (computer generated) Feb.						
3. INSTALLATION	3. INSTALLATION AND LOCATION						
MEMPHIS INTERNA	ATIONAL AIRPORT, TENNESSEE						
5. PROJECT TITLE		7. PROJECT NUMBER					
C-5 REPLACE FIRE	CRASH RESCUE STATION	PVKL019085					

CURRENT SITUATION: 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 times to aircraft incidents on the new aircraft-parking apron. Additionally, a split operation from the rest of the installation would create major problems with security of the facility, and command and control.

<u>IMPACT IF NOT PROVIDED</u>: The fire crash rescue station will be geographically separated from the remainder of the unit 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 station will not be able to meet response times to the aircraft from the existing location if they remain geographically separated. Cannot comply with the LEA.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. This facility is an "inhabited" building and meets the standoff distance requirements. There is minimal threat and the level of protection is low so minimum construction standards have been applied. 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 number 378 at 855 SM and along with the other buildings and land will be returned to the Airport Authority per the signed LEA.

FIRE STATION

1,198 SM - 12,900 SF

	NT	2. DATE
ANG	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	February 2005
	TION AND LOCATION	10010011
MEMPHIS INT	ERNATIONAL AIRPORT, TENNESSEE	
. PROJECT TI	·	PROJECT NUMBER
C-5 REPLACE	FIRE CRASH RESCUE STATION	PYKL019085
2. SUPPLEN	MENTAL DATA:	
a. Estimated	Design Data:	
(1) Status		
	Date Design Started	JUL 2004
	arametric Cost Estimates used to develop costs	YES
	ercent Complete as of Jan 2005	10%
	Date 35% Designed	JUL 2005
	ate Design Complete ype of Design Contract	JUL 2006
	STRANDARD	
(g) E	nergy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis		
	tandard or Definitive Design -	NO
(b) V	Where Design Was Most Recently Used -	N/A
	Cost $(c) = (a) + (b)$ or $(d) + (e)$:	(\$000)
(a) P	roduction of Plans and Specifications	250
	all Other Design Costs	125
(c) T		375
(d) C	Contract	375
(e) In	n-House	
(4) Contr	act Award (Month/Year)	APR 2007
(5) Const	ruction Start	MAY 2007
(6) Const	ruction Completion	JUN 2008
	associated with this project will be provided from other appropriations:	N/A

POINT OF CONTACT: MAJ MIKE MCDONALD (301) 836-8047

1. COMPONENT							2.	DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DATA							
	ANG (computer generate			ed)			Fel	oruary 2005
3. INSTALLATION	AND I	LOCATION			PROJECT			
								PERATIONS
MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE				AND S	SIMULATO	OR FACII	LITY	•
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PROJI	ECT	COST(\$000)
54119F		141-753	PYI	KL0190	78		\$10	,000
		9. COST	ESTIMATE	ES				
						UNI	Т	COST
		ITEM		U/M	QUANTIT	Y COS	T	(\$000)
C-5 SQUADRON OPERATIONS/SIMULATOR FACILITY			SM	3,902			8,228	
SQUADRON OPE	ERATI	IONS		SM	2,295	1,8	362	(4,273)
SURVIVAL EQU	IPME1	NT SHOP		SM	492	1,8	362	(916)
FLIGHT SIMULATOR			SM	1,115	2,6	548	(2,953)	
ANTITERRORISM FORCE PROTECTION			SM	3,902		22	(86)	
SUPPORTING FACILITIES			LS				760	
UTILITIES				LS				(375)
PAVEMENTS				LS				(210)
SITE IMPROVEM	1ENTS	S		LS				(125)
COMMUNICATION	ONS S	SUPPORT		LS				(50)
SUBTOTAL							8,988	
CONTINGENCY (5%)							449	
TOTAL CONTRACT COST							9,437	
SUPERVISION, INSPECTION AND OVERHEAD (6%)							<u>566</u>	
TOTAL REQUEST								10,003
TOTAL REQUEST ((ROUI	NDED)						10,000

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 have signed a Land Exchange Agreement (LEA). The LEA mandates the Airport Authority to replicate the C-141 facilities at the new land at a cost of \$77 million. The Air Force will return 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.

<u>CURRENT SITUATION</u>: The 164th AW has converted from eight (8) C-141 to eight (8) C-5. The C-141's have been decommissioned and retired. The squadron operations area is considerably undersized and not properly configured to support C-5 aircraft operations and requires replacement to

1. COMPONENT		2. DATE				
	FY 2007 MILITARY CONSTRUCTION PROJECT DA	ATA				
ANG	(computer generated)	February 2005				
3. INSTALLATION						
MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE						
5. PROJECT TITLE	7. PROJECT NUMBER					
C-5 REPLACE SQUA	ADRON OPERATIONS AND SIMULATOR FACILITY	PYKL019078				

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.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. This facility is 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.

 $\begin{array}{lll} \text{SQUADRON OPERATIONS} & 2,295 \text{ SM} - 24,700 \text{ SF} \\ \text{SURVIVAL EQUIPMENT SHOP} & 492 \text{ SM} - 5,300 \text{ SF} \\ \text{FLIGHT SIMULATOR} & 1,115 \text{ SM} - 12,000 \text{ SF} \end{array}$

I. COMPONENT	EV 2007 MILITA DV CONCEDITOTION DROJECT DAY	2. DATE			
FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated) February 2					
3. INSTALLATION					
MEMPHIS INTERN	ATIONAL AIRPORT, TENNESSEE				
5. PROJECT TITLE		7. PROJECT NUMBER			
C-5 REPLACE SQU	ADRON OPERATIONS AND SIMULATOR FACILITY	PYKL019078			
2. SUPPLEMEN	ΓAL DATA:				
a. Estimated Desi	gn Data:				
(b) Param (c) Percen (d) Date 3 (e) Date E (f) Type o (g) Energy (2) Basis: (a) Standa (b) Where (3) Total Cost	Design Started etric Cost Estimates used to develop costs at Complete as of Jan 2005 5% Designed Design Complete of Design Contract by Study/Life-Cycle analysis was/will be performed and or Definitive Design - be Design Was Most Recently Used - (c) = (a) + (b) or (d) + (e): etion of Plans and Specifications	JUN 2004 YES 10% SEP 2005 SEP 2006 STANDARD YES NO N/A (\$000) 600			
	her Design Costs	300 900 900			
(4) Contract A	ward (Month/Year)	FEB 2007			
(5) Construction	on Start	MAR 2007			
(6) Construction	on Completion	MAR 2008			
	ciated with this project will be provided from other appropriation	s: N/A			

POINT OF CONTACT: MAJ MIKE MCDONALD (301) 836-8047

DD FORM 1391C, OCT 96

1. COMPONENT						2.	DATE	
	FY 2007 MILITARY CONSTRUCTION PROJECT DATA							
ANG	(computer generated)					Fel	bruary 2005	
3. INSTALLATION	AND	LOCATION		4. I	PROJECT	ΓITLE		
				C-5 RI	EPLACE A	IRCRAF7	ΓSU	PPORT
MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE				EQUIF	PMENT SH	OP AND	STC	ORAGE
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PROJ	ECT	COST(\$000)
								, ,
54119F		218-712	PYI	KL0490	70		\$3	,500
	9. COST ESTIMATES							
						UNI	T	COST
ITEM				U/M	QUANTITY	Y COS	T	(\$000)
C-5 AIRCRAFT EQ	UIPM:	ENT STORAGE SHOP (A	ASE)	SM	1,161			2,376
		SHOP AND STORAGE	,	SM	1,161	2,0)24	(2,350)
ANTITERRORISI	M FOI	RCE PROTECTION		SM	1,161		22	(26)
SUPPORTING FAC	ILITIE	ES						775
UTILITIES			LS				(170)	
PAVEMENTS			LS				(165)	
SITE IMPROVEM	MENTS	S		LS				(125)
COMMUNICATION	ONS S	SUPPORT		LS				(65)
COVERED WASI	HRAC	K AREA		LS				(_250)
SUBTOTAL							3,151	
CONTINGENCY (5%)							<u> 158</u>	
TOTAL CONTRACT COST							3,309	
SUPERVISION, INSPECTION AND OVERHEAD (6%)							<u>199</u>	
TOTAL REQUEST							3,508	
TOTAL REQUEST	(ROU	NDED)						3,500

10. Description of Proposed Construction: Reinforced concrete floors, masonry walls, steel-frame structure, and sloped roof structure. Included are overhead doors, exhaust systems, mechanical and electrical systems, overhead cranes, access pavements and equipment parking areas, site work, all 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 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. Five of the aircraft are scheduled to be phased in starting in 2005; the other three are planned to arrive in 2008. The Air Force on behalf of the Air National Guard (ANG) and the Memphis-Shelby County Airport Authority have signed a Land Exchange Agreement (LEA). The LEA mandates the Airport Authority to replicate the C-141 facilities 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. 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.

<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

				1
1. COMPONENT	EV 2007 MILITADY CON	ISTRUCTION PROJECT DA	тл	2. DATE
ANG		ter generated)	MIA	February 2005
3. INSTALLATION				
	ATIONAL AIRPORT, TENNESS	EE	5 DDO	ECT MA CDED
5. PROJECT TITLE			7. PROJ.	ECT NUMBER
C-5 REPLACE AIRCI	RAFT SUPPORT EQUIPMENT	SHOP AND STORAGE	P	YKL049070
	larger C-5 equipment to enter			
	nadequate fire protection syste			
	nt wash rack does not exist. The			
•	nd soap residue to flow into the		his operat	tion is not in
	e discharge permit with the state PROVIDED: The base is unab		nt in a ca	fa anvironment
	have to be stored and maintain			
	rders and it is not safe. The per			
	Possible notice of violation from			
	e parking apron on the new land		e and sto	rage facility of the
	er operating costs. Cannot cor		1.0	111 11 1 22
	nis project meets the criteria/sc uirements" and is in compliance			
	lered during the development of			
	ts; therefore, no economic ana			
	of protection is low so minimu			
	n of this project the existing bu	•	•	•
and land will be turn	ned over to the Memphis-Shell	by County Airport Authori	ty per the	signed LEA.
ASE MAINTENAN	NCE SHOP AND STORAGE	1,161 SM – 12	500 SF	
		,	,	

I. COMF	PONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DAT		2. DATE
	NG	(computer generated)		February 2005
3. INSTA	ALLATION A	AND LOCATION		
МЕМРНІ	S INTERNA	TIONAL AIRPORT, TENNESSEE		
5. PROJE	CT TITLE		7. PROJEC	CT NUMBER
C-5 AIRC	CRAFT SUPI	PORT EQUIPMENT SHOP AND STORAGE	PYK	KL049070
2. S U	PPLEMENT.	AL DATA:		
a. Est	imated Desig	n Data:		
, ,	(b) Parame (c) Percent (d) Date 35 (e) Date De (f) Type of (g) Energy	esign Started tric Cost Estimates used to develop costs Complete as of Jan 2005 % Designed esign Complete Design Contract Study/Life-Cycle analysis was/will be performed	ST	JUL 2004 YES 10% SEP 2005 SEP 2006 ANDARD YES
(2)		d or Definitive Design - Design Was Most Recently Used -		NO N/A
(3)	(a) Product			(\$000) 210 105 315 315
(4)	Contract Av	ward (Month/Year)		APR 2007
(5)	Construction	ı Start		MAY 2007
(6)	Construction	n Completion		FEB 2008
b. Equi	pment associ	ated with this project will be provided from other appropriation	s:	N/A

POINT OF CONTACT: MAJ MIKE MCDONALD (301) 836-8047

1. COMPONENT							2.	DATE
		FY 2007 MILITARY CO	NSTRUCTI	ON PR	OJECT DA	TA		
ANG		(comp	uter generat	ed)			Fel	oruary 2005
3. INSTALLATION	AND I	LOCATION			PROJECT			
						QUADRO	ΝO	PERATIONS
		LD, WEST VIRGINIA		FACIL	ITY			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PROJI	ECT	COST(\$000)
541100		141.750	D.11	17 10000			Φ.	600
54119F		141-753	PJV	/Y0090	77		\$6,	,600
		9. COST	ESTIMATI	ES				
						UNI		COST
		ITEM		U/M	QUANTIT	Y COS	T	(\$000)
C-5 SQUADRON OI				SM	2,787			4,860
SQUADRON OPE				SM	2,295	-	22	(3,952)
SURVIVAL EQU				SM	492	1,7	22	(847)
		RCE PROTECTION		SM	2,787		22	(61)
SUPPORTING FAC	ILITIE	ES		LS				1,078
UTILITIES				LS				(140)
PAVEMENTS				LS				(205)
SITE IMPROVEM				LS				(110)
COMMUNICATION				LS				(60)
	PRO	TECTION MEASURES		LS				(75)
DEMOLITION				SM	3,034	1	61	(488)
SUBTOTAL								5,938
CONTINGENCY (59								<u>297</u>
TOTAL CONTRAC								6,235
	SPECT	TION AND OVERHEAD ((6%)					<u>374</u>
TOTAL REQUEST								6,609
TOTAL REQUEST ((ROUI	NDED)						6,600

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel-framed masonry walls and roof structure. Interior walls and utilities. Includes all exterior utility systems, site improvements, and support. The building exterior is to be compatible with the base architectural style. Demolish one building (3,034 SM) and landscape the site.

Air Conditioning: 438 KW.

11. REQUIREMENT: 2,787 SM ADEQUATE: 0 SM SUBSTANDARD: 3,034 SM PROJECT: C-5 Replace Squadron Operations Facility (New Mission).

<u>REQUIREMENT</u>: The base requires an adequately sized and properly configured facility to accommodate airlift squadron operations in support of the unit's conversion from 12 C-130 aircraft to 10 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.

CURRENT SITUATION: The squadron operation's function is housed in a two-story building and shares the space with other functions. The squadron operations function is severely short of space and not adequately laid out for a smooth and efficient flow for C-5 strategic flying operations. Due to site constraints, a building addition is not possible. The building does not meet standoff distance for force protection. Current interior configuration requires pilots and other crew members to back track throughout the building and different floors to obtain all essential information and equipment needed to prepare for a flying mission to include intelligence, flight briefing, life support equipment and plans. The facility does not have a waiting area for in-transit military passengers. Experience indicates that the C-5 aircraft will have significant in-transit passengers who use the space available system for active duty and retired military to travel to and from overseas. Accommodations for these in-transit personnel are required for strategic cargo aircraft such as the C-5 and C-17 and not the C-130. The survival equipment shop is severely undersized and will not support the maintenance of required life rafts. As

1. COMPONENT		2. DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DA	ATA
ANG	(computer generated)	February 2005
3. INSTALLATION	AND LOCATION	
EWVRA-SHEPHERI	O FIELD, WEST VIRGINIA	
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 REPLACE SQUA	ADRON OPERATIONS FACILITY	PJVY009077
21 2 -		

part of the C-5 conversion, the entire ramp area has been expanded and relocated by previously funded military construction projects. The squadron ops facility is now not properly located in relations to the new ramp configuration and will be demolished other functions are being relocated to other buildings. MMPACT IF NOT PROVIDED: The base is not able to support the beddown of the C-5 aircraft. Aircrews will not be able train properly. The base will not reach full operational capability. Force protection cannot be met. Accept the risk. In transit passengers cannot be accommodated.

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 options were considered during the development of this project. Since the building cannot be expanded, no other option could meet the mission requirements; therefore, no economic analysis was needed or performed. 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. Building 120 (3,034 SM) will be demolished upon completion of this project.

SQUADRON OPERATIONS SURVIVAL EQUIPMENT SHOP 2,295 SM – 24,700 SF 492 SM – 5,300 SF

1. COMPONENT	EV 2007 MILITARY CONCERNICEION PROJECT DAY	2. DATE
ANG	FY 2007 MILITARY CONSTRUCTION PROJECT DAT (computer generated)	February 2005
3. INSTALLATION		
EWVRA-SHEPHERE	O FIELD, WEST VIRGINIA	
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 REPLACE SQUA	ADRON OPERATIONS FACILITY	PJVY009077
2. SUPPLEMENT	'AL DATA:	
a. Estimated Desig	gn Data:	
(b) Parame (c) Percent (d) Date 35 (e) Date Do (f) Type of (g) Energy (2) Basis: (a) Standar	Design Started Stric Cost Estimates used to develop costs Complete as of Jan 2005 Sown Designed Design Complete The Design Contract To Study/Life-Cycle analysis was/will be performed To or Definitive Design - Design Was Most Recently Used -	JUN 2004 YES 10% SEP 2005 AUG 2006 STANDARD YES
(3) Total Cost ((a) Product	f(c) = f(a) + f(b) or $f(d) + f(e)$: tion of Plans and Specifications her Design Costs	(\$000) 390 190 580 580
(4) Contract Av	ward (Month/Year)	APR 2007
(5) Construction	n Start	MAY 2007
(6) Construction	n Completion	JUL 2008
	iated with this project will be provided from other appropriations	s: N/A

POINT OF CONTACT: MAJ MIKE MCDONALD (301) 836-8047

 COMPONENT 							2.	DATE
		FY 2007 MILITARY CO	NSTRUCTI	ON PR	OJECT DA	TA		
ANG		(comp	uter generate	ed)			Fel	oruary 2005
3. INSTALLATION	AND :	LOCATION		4. I	PROJECT T	TTLE		
			C-5 REPLACE FIRE, CRASH AND					
EWVRA-SHEPHERI) FIEI	LD, WEST VIRGINIA		RESCU	JE STATIO	ON		
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PROJI	ЕСТ	COST(\$000)
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					(4000)
54119F		130-142	PJV	Y0092	16		\$7,	,800
		9. COST	ESTIMATI	ES				
						UNI	Т	COST
		ITEM		U/M	QUANTITY	COS	T	(\$000)
C-5 FIRE CRASH/R	ESCU	E STATION		SM	2,717			6,317
FIRE STATION				SM	2,717	2,3	303	(6,257)
ANTITERRORISI	M FOI	RCE PROTECTION		SM	2,717		22	(60)
SUPPORTING FAC	ILITIE	ES		LS	,			720
SITE IMPROVEM	MENTS	S		LS				(165)
PAVEMENTS				LS				(180)
UTILITIES				LS				(175)
COMMUNICATION	ON SU	JPPORT		LS				(60)
DEMOLITION				SM	871	1	61	(140)
SUBTOTAL								7,037
CONTINGENCY (59	%)							352
TOTAL CONTRAC	T COS	ST						7,389
SUPERVISION, INS	SPECT	TION AND OVERHEAD ((6%)					443
TOTAL REQUEST								7,832
TOTAL REQUEST ((ROU	NDED)						7,800

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.

IMPACT IF NOT PROVIDED: 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 DAT	TA
ANG 3. INSTALLATION	(computer generated)	February 2005
3. INSTALLATION	AND LOCATION	
EWVRA-SHEPHERI	O FIELD, WEST VIRGINIA	
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 REPLACE FIRE	CRASH AND RESCUE STATION	PJVY009216
protection is low so	minimum construction standards have been applied. The l	building 140 (871 SM)
will be demolished	as a result of this project.	,
FIRE STATION	2,717 SM – 29,250 SF	
THE STATION	2,717 0141 27,230 01	

. COMPONENT		2. DATE
ANG	FY 2007 MILITARY CONSTRUCTION PROJECT DAT (computer generated)	February 200:
INSTALLATION A		1 coldary 200.
EWVRA-SHEPHERD	FIELD, WEST VIRGINIA	
. PROJECT TITLE	-	7. PROJECT NUMBER
C-5 REPLACE FIRE,	CRASH AND RESCUE STATION	PJVY009216
2. SUPPLEMENTA	AL DATA:	
a. Estimated Desig	n Data:	
(1) Status:		
	esign Started	JUN 2004
	ric Cost Estimates used to develop costs Complete as of Jan 2005	YES 35%
(d) Date 35		AUG 2005
	sign Complete	JUL 2006
	Design Contract	STANDARD
(g) Energy	Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
	d or Definitive Design -	YES
(b) Where I	Design Was Most Recently Used -	STEWART, NY
(3) Total Cost (c	(a) = (a) + (b) or (d) + (e):	(\$000)
(a) Product	on of Plans and Specifications	450
	er Design Costs	230
(c) Total (d) Contrac	•	680 680
(e) In-Hous		080
(4) Contract Aw	ard (Month/Year)	APR 2007
(5) Construction	Start	MAY 2007
(6) Construction	Completion	JUN 2008
b. Equipment associ	ated with this project will be provided from other appropriations	s: N/A

POINT OF CONTACT: MAJ MIKE MCDONALD (301) 836-8047

1. COMPONENT						2.	DATE
	FY 2007 MILITARY CO	NSTRUCTION	ON PR	OJECT DA	TA		
ANG	(comp	uter generate	ed)			Feb	oruary 2005
3. INSTALLATION AND	LOCATION		4. I	PROJECT	TITLE		
EWVRA-SHEPHERD FIE				_			FACILITY
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	T NUN	/IBER	8. PROJE	ECT	COST(\$000)
7.411.0F	442.750	DIV	DH 17,000077			000	
54119F	442-758		Y0090	/6		\$5,	800
	9. COST	ESTIMATE	ES	T			
					UNI		COST
	ITEM		U/M	_	Y COS	Γ	(\$000)
REPLACE LOGISTICS (SM	3,395			4,174
WAREHOUSE STORA			SM	2,160		58	(2,069)
WAREHOUSE ADMI			SM	845		58	(1,401)
WAREHOUSE COVE			SM	232		07	(187)
HAZMAT PHARMAC			SM	158	2,7		(442)
ANTITERRORISM FO			SM	3,396		22	(75)
SUPPORTING FACILIT	IES		LS				1,023
UTILITIES			LS				(275)
PAVEMENTS	1		LS				(200)
SITE IMPOVEMENTS			LS SM	1 002	1	61	(150)
DEMOLITION/ASBES			LS	1,882	1	01	(303)
COMMUNICATION S SUBTOTAL	SUPPORT		LS				(<u>95)</u> 5,197
CONTINGENCY (5%)							260
TOTAL CONTRACT CO	OCT						5,457
	TION AND OVERHEAD	(6%)					3,437
TOTAL REQUEST	TION AND OVERHEAD	(070)					5,784
TOTAL REQUEST (ROU	INDED)						5,800
TOTAL REQUEST (ROC	mblb)						5,600

10. Description of Proposed Construction: Steel-framing, brick and block masonry walls, clear span warehouse with minimum eve height of 6 meters. Standing seam 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) 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 aircraft to 10 C-5. 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 meters drop or running into the building. Delivery trucks will have difficulty maneuvering to get to the loading/unloading docks. The structure has minimal insulation, 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 constructed. The current supply facility is not properly based on the new master plan. The facility

1. COMPONENT		2. DATE
	FY 2007 MILITARY CONSTRUCTION PROJECT DA	ATA
ANG	(computer generated)	February 2005
3. INSTALLATION	AND LOCATION	
EWVRA-SHEPHERI	O FIELD, WEST VIRGINIA	
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 REPLACE BASE	SUPPLY FACILITY	PJVY009076

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. Facility does not meet force protection standards. 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.

<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 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).

 $\begin{array}{lll} \text{WAREHOUSE STORAGE} & 2,160 \text{ SM} - 23,250 \text{ SF} \\ \text{WAREHOUSE ADMINISTRATIVE} & 845 \text{ SM} - 9,100 \text{ SF} \\ \text{WAREHOUSE COVERED SHED} & 232 \text{ SM} - 2,500 \text{ SF} \\ \text{HAZMAT PHARMACY} & 158 \text{ SM} - 1,700 \text{ SF} \\ \end{array}$

		T
1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DAT	Z. DATE
ANG	(computer generated)	February 2005
3. INSTALLATION	I AND LOCATION	
	RD FIELD, WEST VIRGINIA	
5. PROJECT TITLE	,	7. PROJECT NUMBER
C-5 REPLACE BAS	SE SUPPLY FACILITY	PJVY009076
12. SUPPLEMEN	ITAL DATA:	
a. Estimated Des	sign Data:	
(b) Paran (c) Perce (d) Date (e) Date (f) Type (g) Energ (2) Basis: (a) Stand (b) Wher	Design Started metric Cost Estimates used to develop costs ent Complete as of Jan 2005 35% Designed Design Complete of Design Contract gy Study/Life-Cycle analysis was/will be performed lard or Definitive Design - re Design Was Most Recently Used -	JUL 2004 YES 35% AUG 2005 AUG 2006 STANDARD YES NO N/A
(a) Produ	ract	(\$000) 340 170 510 510
(4) Contract A	Award (Month/Year)	APR 2007
(5) Construct	ion Start	MAY 2007
(6) Construct	ion Completion	JUN 2008
b. Equipment asso	ociated with this project will be provided from other appropriation	s: N/A

POINT OF CONTACT: MAJ MIKE MCDONALD (301) 836-8047

1. COMPONENT							1 2	DATE
1. COMPONENT		EV 2007 MILITADY CO	NCTDIICTI	ONI DD	OIECT DA	ТΛ	2.	DATE
ANG		FY 2007 MILITARY CO	uter generate		JJECT DA	IA	Fal	oruary 2005
3. INSTALLATION	AND		uter generate		ROJECT	riti e	1.61	51 uary 2005
5. INSTALLATION	AND	LOCATION					DIIN	IWAY AND
EWVRA-SHEPHERD	EIEI	D WEST VIRGINIA		TAXIV		EXTEND.	KUN	WAI AND
5. PROGRAM ELEM		6. CATEGORY CODE	7. PROJEC			0 DD () I	ЕСТ	COST(\$000)
5. PROGRAM ELEM	ENI	6. CATEGORY CODE	7. PROJEC	INUN	IBEK	8. PKOJ	ECI	COST(\$000)
54119F		111-111	DIV	Y0090	72		\$20	,500
341191					12		\$20	1,300
		9. COST	ESTIMATE	ES	T	_		T
					07.743	UNI		COST
		ITEM		U/M	`	Y COS	T	(\$000)
		E RUNWAY AND TAXI	WAYS	SM	149,192			14,043
RUNWAY EXTER		NS		SM	13,878		114	(1,582)
RUNWAY UPGR				SM	97,567		84	(8,196)
EXTEND TAXIW		30		SM	37,747		113	(4,265)
SUPPORTING FACE				LS				4,376
SITE IMPROVEM		PROACH LIGHTS		LS LS				(1,500) (250)
DRAINAGE IMPI				LS				(425)
UTILITY SUPPO		WENTS		LS				(350)
TAXIWAY LIGH				LS				(450)
		R ROAD /FENCING		LS				(651)
RECONSTRUCT				LS				(750)
SUBTOTAL	0 , 21							18,419
CONTINGENCY (59	%)							921
TOTAL CONTRACT		T						19,340
SUPERVISION, INS	SPECT	TON AND OVERHEAD ((6%)					1,160
TOTAL REQUEST			. ,					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: new wearing course and raise runway lighting. Groove and mark runway pavements. Provide runway signage and site improvements.
- 11. REQUIREMENT: 149,192 SM ADEQUATE: 0 SM SUBSTANDARD: 97,573 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 with delivery in 2008. An adequately sized and structurally sound runway to allow the take off and landings of the C-5 aircraft is required. Additionally, require taxiway extensions consistent with the extended runway. The taxiways are required to connect the ramp to the runway ends.

<u>CURRENT SITUATION</u>: 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 they will take off fully fuel loaded 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 will depart and the crews and maintenance personnel will be in training for the conversion to C-5 which will arrive in 2008. 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.

<u>IMPACT IF NOT PROVIDED</u>: The runway length will drastically limit training of pilots. 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
ANG	FY 2007 MILITARY CONS		ТΑ	Eabruary 2005
3. INSTALLATION		er generated)		February 2005
5. INSTREEMINGN	IND EOCHTION			
EWVRA-SHEPHERD	FIELD, WEST VIRGINIA			
5. PROJECT TITLE			7. PROJI	ECT NUMBER
C C LIDOD A DE ÆXÆ		ra	D.	H H 1000072
	END RUNWAY AND TAXIWAY are project meets the criteria/sco			UVY009072
	uirements" and is in compliance			
	ring the development of this pro			
	fore, no economic analysis was			
	ents have been considered in th			
•		•	,	
RUNWAY EXTEN		13,878 SM - 16,598 S		
RUNWAY UPGRA EXTEND TAXIWA		97,567 SM – 116,689 S 37,747 SM – 45,145 S		
EXTEND TAXIWA	AIS	37,747 5101 - 43,143 5	1	

FY 2007 MILITARY CONSTRUCTION PROJECT DAT (computer generated) AND LOCATION FIELD, WEST VIRGINIA END RUNWAY AND TAXIWAYS AL DATA: In Data: esign Started tric Cost Estimates used to develop costs	7. PROJECT NUMBER PJVY009072 AUG 2004
AND LOCATION FIELD, WEST VIRGINIA END RUNWAY AND TAXIWAYS AL DATA: n Data: esign Started	7. PROJECT NUMBER PJVY009072 AUG 2004
FIELD, WEST VIRGINIA END RUNWAY AND TAXIWAYS AL DATA: In Data: Design Started	PJVY009072 AUG 2004
END RUNWAY AND TAXIWAYS AL DATA: n Data: esign Started	PJVY009072 AUG 2004
AL DATA: n Data: esign Started	PJVY009072 AUG 2004
AL DATA: n Data: esign Started	AUG 2004
n Data: esign Started	
n Data: esign Started	
esign Started	
ric Cost Estimates used to develop costs	
1	YES
Complete as of Jan 2005	5%
% Designed	DEC 2005
esign Complete	NOV 2006
Design Contract	STANDARD
Study/Life-Cycle analysis was/will be performed	YES
d or Definitive Design -	NO
Design Was Most Recently Used -	N/A
(c) = (a) + (b) or (d) + (e):	(\$000)
ion of Plans and Specifications	1,200
er Design Costs	600
	1,800
t	1,800
e	ŕ
vard (Month/Year)	FEB 2007
n Start	APR 2007
n Completion	DEC 2007
ated with this project will be provided from other appropriations	s: N/A
7	ard (Month/Year) Start Completion

POINT OF CONTACT: MAJ MIKE MCDONALD (301) 836-8047

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

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313: PLANNING AND DESIGN \$13,880,000

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.

						2	DATE	
FY 2007 MILITARY CONSTRUCTION PROJE				OIECT DA	ТА	2.	DATE	
				OJECT DI	1111	Fe	bruary 2005	
ND I	LOCATION		4. I	PROJECT	ΓΙΤLΕ	•	•	
S			PLAN	NING ANI	DESIG	GN		
T	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PRC)JECT	COST(\$000)	
	999-999	AA	AA0700	001		\$13	\$13,880	
	9. COST	ESTIMAT	ES					
	ITEM			QUANTIT			COST (\$000)	
SIGN	N (P-313)		LS				13,880	
വാ	Т						13,880 13,880	
COB	1						13,880	
							,,,,,,,	
	ND I	(comp ND LOCATION S NT 6. CATEGORY CODE 999-999 9. COST ITEM SIGN (P-313) COST	(computer generat ND LOCATION S S S S S S S S S S S S S S S S S S S	(computer generated) ND LOCATION	(computer generated) ND LOCATION	PLANNING AND DESIGN 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT NUMBER 999-999 AAAA070001 9. COST ESTIMATES ITEM U/M QUANITITY COUNTY COUN	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated) ND LOCATION 4. PROJECT TITLE PLANNING AND DESIGN OF THE STREET NUMBER 9. COST ESTIMATES 9. COST ESTIMATES 1TEM SIGN (P-313) COST 1	

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

<u>REQUIREMENT</u>: The ANG needs planning and design funds for projects that are to be included in future MILCON programs including the C-5 beddown at Memphis, TN, and Martinsburg, WV. The FY 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.

IMPACT IF NOT PROVIDED: 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 \$5,500,000

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						2.	DATE	
		FY 2007 MILITARY CONSTRUCTION PROJECT DA				ΛTA		
ANG			uter generat				Fe	bruary 2005
3. INSTALLATION	AND	LOCATION		4. I	PROJECT	ΓITLE		
VARIOUS LOCATIO	NS					AINOR C	ONS	TRUCTION
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	IBER	8. PROJ	ECT	COST(\$000)
55296F		999-999	AA	AA0700	002		\$5	,500
		9. COST	ESTIMAT	ES				
						UN	IT	COST
		ITEM		U/M	QUANTIT	Y COS	ST	(\$000)
UNSPECIFIED MIN	OR C	ONSTRUCTION (P-341)		LS				5,500
SUBTOTAL								5,500
TOTAL CONTRAC	T COS	ST						5,500
TOTAL REQUEST								5,500

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.

<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

SECTION III	

INSTALLATION DATA

1. COMPONE ANG		07 GUARD AND RESERVE JITARY CONSTRUCTION		2.DATE February 2	2005
	ION AND LOCATION	ATTACL CONSTRUCTION		4. AREA C COST IN	CONSTR NDEX
5. FREQUENO	R FORCE BASE, COLORAD CY AND TYPE OF UTILIZA y assemblies per year, 15 days		laily use by tec	1.0 chnician/AGR	
6. OTHER AC Armory, Auror		NSTALLATIONS WITHIN 15 M rmy National Guard Aviation St			miles; and
7. PROJECTS	REQUESTED IN THIS PRO	GRAM: FY 2007			
CATEGORY <u>CODE</u>	PROJECT TITLE	<u>SCOPE</u>	COST \$(000)	DESIGN START	STATUS CMPL
141-459 A	SA - Alert Crew Quarters	604 SM (6,500 SF)	3,000	Jan 03	Aug 05
STATE RES	SERVE FORCES FACILITIE	S BOARD RECOMMENDATI	ON		
Facilities identi use/expansion.	fied in item 6 have been exam	S BOARD RECOMMENDATI nined by the State Reserve Force are: Unilateral Construction Ap	es Facilities Bo oproved	14 Aug 03 (Date)	
Facilities identiuse/expansion. D. LAND ACC	fied in item 6 have been exam The Board recommendations PUISITION REQUIRED	nined by the State Reserve Force are: Unilateral Construction Ap	es Facilities Bo oproved	14 Aug 03 (Date)	
Facilities identiuse/expansion. P. LAND ACC	fied in item 6 have been exam The Board recommendations	nined by the State Reserve Force are: Unilateral Construction Ap	es Facilities Bo oproved (N	14 Aug 03 (Date)	
Facilities identiuse/expansion. 9. LAND ACC 10. PROJECTS CATEGORY CODE	fied in item 6 have been exam The Board recommendations PUISITION REQUIRED S PLANNED IN NEXT FOUR	nined by the State Reserve Force are: Unilateral Construction Ap	es Facilities Bo oproved (N SC	None umber of Acre	- s) COST
Facilities identiuse/expansion. 9. LAND ACC 10. PROJECTS CATEGORY CODE 141-753	fied in item 6 have been exam The Board recommendations PUISITION REQUIRED S PLANNED IN NEXT FOUR PROJECT TITLE	nined by the State Reserve Force are: Unilateral Construction Ap	es Facilities Bo oproved (N SC	None umber of Acre	COST \$(000)
O. LAND ACCO O. PROJECTS CATEGORY CODE 41-753	fied in item 6 have been exam The Board recommendations PUISITION REQUIRED S PLANNED IN NEXT FOUR PROJECT TITLE Replace Squadron Operations	nined by the State Reserve Force are: Unilateral Construction Ap	es Facilities Bo oproved (N SC	None umber of Acre	COST \$(000)

1. COMPONENT		FY 20	007 GUARI	D AND RESEI	RVE	2.DA	TE
ANG		MII	LITARY CO	ONSTRUCTIO	N	Febru	ary 2005
3. INSTALLATIO	N AND LOC	ATION					
BUCKLEY AIR F	ORCE BASE,	COLORA	DO				
11. PERSONNEL	STRENGTH	AS OF 01	Aug 04				
		DEDM	ANENT		Cl	JARD/RESE	DVE
	TOTAL OF		NLISTED	CIVILIAN	TOTAL		ENLISTED
AUTHORIZED	359	43	316	0	1,024	163	861
ACTUAL	332	34	295	ő	1,104	183	921
					,		
12. RESERVE UN	NIT DATA						
					S	TRENGTH	
<u>UNIT DE</u>	SIGNATION				AUTHORIZE	<u>AC</u>	TUAL
	er Squadron				38		45
	her Flight				18		18
140 Aircraft Generation Squadron			150		153		
140 Civil Engineering Squadron				84		91	
140 Communication Flight			38		45		
	stics Group				20		20
	cal Squadron	u: 1 ,			78		90
140 Logis	stics Support F	light			21		22

13.	MAJOR	EOUIPME	ENT AND	AIRCRA	ŀFΤ

140 Maintenance Squadron

140 Mission Support Flight

140 Operations Support Flight

140 Security Forces Squadron

240 Civil Engineering Flight

140 Logistics Squadron

140 Operations Group

140 Support Group

140 Services Flight

200 Airlift Squadron

140 Wing Group

HQ COANG

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
F-16 Aircraft	15	17
Support Equipment	442	380
Vehicle Equivalents	428	430
Vehicles	115	158

TOTALS

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007	
CATEGORY CST	DESIGN STATUS
<u>CODE</u> <u>PROJECT TITLE</u> <u>SCOPE</u> <u>\$(000)</u>	START CMPL
NONE	

197

105

29

3

24

66

8

36

55

34

46

17

1,104

188

96

26

3

19

65

8

34

48

32

41

17

1,024

ANG		JARD AND RESERVE LY CONSTRUCTION		.DATE ebruary 20	005
	ON AND LOCATION			. AREA C	ONSTR
SAVANNAH/H	ILTON HEAD IAP, GEORGIA			COST IN .84	
5. FREQUENC	Y AND TYPE OF UTILIZATION		I		
Year-round oper military units.	rational training of Air National Gu	ard units, and other Reserv	e Components' and	d Active D	Outy
minary units.					
6 OTHER AC	ΓIVE/GUARD/RESERVE INSTA	LLATIONS WITHIN 15 M	IILES RADIUS		
	Marine Naval Station		ILLES ICIDIOS		
	REQUESTED IN THIS PROGRA	M: FY 2007	COCT	DEGLOVI	OTE A TEXT IO
CATEGORY <u>CODE</u>	PROJECT TITLE	SCOPE	·-	<u>DESIGN S</u> START	STATUS CMPL
	·		, ,		
	eplace Operations, Training and Security Forces Complex	2,852 SM (30,700 SF)	7,000	Jul 04	Aug 06
	Security 1 orces complex				
	ERVE FORCES FACILITIES BO			7.1	,
Facilities identif	ied in item 6 have been examined	by the State Reserve Forces	Facilities Board fo		e joint
Facilities identif		by the State Reserve Forces	Facilities Board for Facilitie	<u>xpr 03</u>	e joint
Facilities identif	ied in item 6 have been examined	by the State Reserve Forces	Facilities Board for Facilitie		e joint
Facilities identif	ied in item 6 have been examined	by the State Reserve Forces	Facilities Board for Facilitie	<u>xpr 03</u>	e joint
Facilities identifuse/expansion.	Tied in item 6 have been examined the Board recommendations are: U	by the State Reserve Forces	Facilities Board for proved <u>17 A</u> (D	<u>xpr 03</u>	e joint
Facilities identifuse/expansion.	Tied in item 6 have been examined of the Board recommendations are: U	by the State Reserve Forces Jnilateral Construction App	Facilities Board for proved 17 A (D)	ate)	
Facilities identifuse/expansion. 9. LAND ACQ 10. PROJECTS	Tied in item 6 have been examined the Board recommendations are: U	by the State Reserve Forces Jnilateral Construction App	Facilities Board for proved 17 A (D)	ate) None	s)
Facilities identifuse/expansion. 9. LAND ACO 10. PROJECTS CATEGORY	Tied in item 6 have been examined of the Board recommendations are: Usition Required PLANNED IN NEXT FOUR YEAR	by the State Reserve Forces Jnilateral Construction App	Pacilities Board for a service of the service of th	ate) None	S) COST
Facilities identifuse/expansion. 9. LAND ACQ 10. PROJECTS	Tied in item 6 have been examined of the Board recommendations are: U	by the State Reserve Forces Jnilateral Construction App	Facilities Board for proved 17 A (D)	ate) None	s)
Facilities identifuse/expansion. 9. LAND ACQ 10. PROJECTS CATEGORY CODE	Tied in item 6 have been examined of the Board recommendations are: Usition Required PLANNED IN NEXT FOUR YEAR	by the State Reserve Forces Jnilateral Construction App	Pacilities Board for a service of the service of th	Apr 03 ate) None er of Acres	S) COST
Facilities identifuse/expansion. 9. LAND ACQ 10. PROJECTS CATEGORY CODE	Tied in item 6 have been examined of the Board recommendations are: Usition Required PLANNED IN NEXT FOUR YEAR PROJECT TITLE	by the State Reserve Forces Jnilateral Construction App	Facilities Board for a service of the service of th	Apr 03 ate) None er of Acres	COST \$(000)
Facilities identifuse/expansion. 9. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753	Tied in item 6 have been examined of the Board recommendations are: U UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE Replace Squadron Operations	by the State Reserve Forces Jnilateral Construction App ARS	Facilities Board for a service of the service of th	Apr 03 ate) None er of Acres	COST \$(000)
Facilities identifuse/expansion. 9. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753	Tied in item 6 have been examined of the Board recommendations are: Usition Required PLANNED IN NEXT FOUR YEAR PROJECT TITLE	by the State Reserve Forces Jnilateral Construction App ARS	Facilities Board for a served 17 A (D) Note: The served and the s	Apr 03 ate) None er of Acres	COST \$(000)
Facilities identifuse/expansion. 9. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753	Tied in item 6 have been examined of the Board recommendations are: U UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE Replace Squadron Operations	by the State Reserve Forces Jnilateral Construction App ARS	Facilities Board for a served 17 A (D) Note: The served and the s	Apr 03 ate) None er of Acres	COST \$(000)
Facilities identifuse/expansion. 9. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753	Tied in item 6 have been examined of the Board recommendations are: U UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE Replace Squadron Operations	by the State Reserve Forces Jnilateral Construction App ARS	Facilities Board for a served 17 A (D) Note: The served and the s	Apr 03 ate) None er of Acres	COST \$(000)
P. LAND ACQ O. PROJECTS CATEGORY CODE 141-753	Tied in item 6 have been examined of the Board recommendations are: U UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE Replace Squadron Operations	by the State Reserve Forces Jnilateral Construction App ARS	Facilities Board for a served 17 A (D) Note: The served and the s	Apr 03 ate) None er of Acres	COST \$(000)
Facilities identifuse/expansion. 9. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753	Tied in item 6 have been examined of the Board recommendations are: U UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE Replace Squadron Operations	by the State Reserve Forces Jnilateral Construction App ARS	Facilities Board for a served 17 A (D) Note: The served and the s	Apr 03 ate) None er of Acres	COST \$(000)
Facilities identifuse/expansion. 9. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753	Tied in item 6 have been examined of the Board recommendations are: U UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE Replace Squadron Operations	by the State Reserve Forces Jnilateral Construction App ARS	Facilities Board for a served 17 A (D) Note: The served and the s	Apr 03 ate) None er of Acres	COST \$(000)

1. COMPONENT	FY 2007 GUARD AND RESERVE	2.DATE			
ANG	MILITARY CONSTRUCTION	February 2005			
2. INCTALLATION AND LOCATION					

3. INSTALLATION AND LOCATION

SAVANNAH/HILTON HEAD IAP, GEORGIA

11. PERSONNEL STRENGTH AS OF 01 Aug 04

	PERMANENT					GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	<u>CIVILIAN</u>	<u>TOTA</u>	L OFFICER	ENLISTED
AUTHORIZED	315	34	281	0	1,05	6 145	911
ACTUAL	315	34	281	0	1,02	5 140	885

12. RESERVE UNIT DATA

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

13. MAJOR EQUIPMENT AND AIRCRAFT

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

DESIGN STATUS START CMPL CATEGORY CST <u>CODE</u> PROJECT TITLE SCOPE \$(000)

NONE

1. COMPONENT		FY 20	007 GUARI	O AND RESE	RVE		2. DATE	
ANG			LITARY CO	ONSTRUCTIO	ON		February 20	005
3. INSTALLATIO				ADM AND				
AIR NATIONAL				ARYLAND				
11. PERSONNEL	STRENGTH	AS OF 01 A	Aug 04					
		PERM	ANENT			GHAR	D/RESERVE	
	TOTAL O	FFICER E		CIVILIAN	TOT		FICER ENL	ISTED
AUTHORIZED	767	220	278	269	<u> </u>	0	0	0
ACTUAL	767	220	278	269		0	0	0
12. RESERVE UN	NIT DATA							
							NGTH	_
	SIGNATION				<u>AUTHOR</u>	<u>IZED</u>	<u>ACTUA</u>	<u>L</u>
201 MSS					31		31	
HQ C4					96		96 127	
HQ CE					137 117		137	
HQ DP HQ FM					64		117 64	
	tics Group				90		90	
HQ OM	iles Group				14		14	
HQ Suppo	ort Group				33		33	
HQ XO	1				112		112	
HQ XP					73		<u>73</u>	
			TOTALS		767		767	
13. MAJOR EQU	IPMENT AN	D AIRCRAI	FT					
	TANE			A T 17771	IODIZED	1.00	CLONED	
	<u>YPE</u>			AUIE	HORIZED	ASS	SIGNED	
Vehicle Equivalent Vehicles	ıs				22 13		22 13	
Venicles					13		13	
14 OUTSTANDS	IC DOLLIT	ON AND O	A EETV/OS	ΠΥ) DEEIGH	ENICIES EX	2007		
14 OUTSTANDIN CATEGORY	NU PULLU I I	ION AND S	AFETY(US	DEFICII	ENCIES FY . CST		DESIGN	PITATE
CODE	PROJEC'	T TITI F		<u>SCOPE</u>	\$(00		START	CMPL
CODE	TROJEC	<u> </u>		<u> BCOLE</u>	<u>Φ(O</u>	<u>,</u>	SIAKI	C1711 L
NONE								

1. COMPONE	ENT	FY 2006 GU	JARD AND RESERVE		2.DATE	
ANG		MILITAR		February 2	005	
3.INSTALLA	3.INSTALLATION AND LOCATION 4. AREA CONSTR					
STANLY COL	INTV AIRPOR	RT, NORTH CAROL	INA		COST IN .87	
		E OF UTILIZATION			.07	
			al field training per yea	r, daily use by tecl	hnician/AGR	force and
for training.						
6 OTHER A	CTIVE/GUARI)/RESERVE INSTAL	LLATIONS WITHIN 1	5 MILES RADIU	S	
		: National Guard		o mileto ra ibro		
7 PROJECTO	DEOLIECTED	DI THE DROCK A	4 FX 2007			
CATEGORY	REQUESTED	IN THIS PROGRAM	M: FY 2006	COST	<u>DESIGN</u>	ZUTATZ
CODE	PROJE	ECT TITLE	SCOPE	\$(000)	START	CMPL
						
171-447	Relocate Comm		2,119 SM (22,800	SF) 4,900	Mar 04	Dec 05
	Electronics Ti	raining Complex				
8 STATERE	SERVE FORC	ES FACILITIES BOA	ARD RECOMMENDA	TION		
Facilities iden	tified in item 6 l	nave been examined b	by the State Reserve For	rces Facilities Boa	ard for possible	e joint
use/expansion	. The Board rec	commendations are: U	Unilateral Construction	Approved	01 Dec 03	-
					(Date)	
9. LAND AC	QUISITION RE	EQUIRED			None	
				(Nu	mber of Acres	s)
	S PLANNED I	N NEXT FOUR YEA	ARS			COCT
CATEGORY CODE	DD∪IE	ECT TITLE		SCO)DE	COST \$(000)
CODE	<u>1 KOJE</u>	<u> AT TITLE</u>		<u>5CC</u>	<u>/1 15</u>	<u>\$(000)</u>
	NONE					
	, _					
	D.0.1					
	R&M Unfunde	ed Requirement: \$1,3	360,000			

1. COMPONENT	1	EV 20	no CHADD	AND RESER	OVE	2.DATE
ANG				NSTRUCTIO		February 2005
3. INSTALLATIO						
STANLY COUNT 11. PERSONNEL						
11. PERSONNEL	SIKENG	1H AS OF 31 J	ui 04			
			ANENT			ARD/RESERVE
ATTENODIZED	TOTAL	OFFICER EN		<u>CIVILIAN</u>		OFFICER ENLISTED
AUTHORIZED ACTUAL	34 26	3 2	28 21	$0 \\ 0$	145 108	18 127 16 92
ACTOAL	20	2	21	U	100	10 92
12. RESERVE UN	NIT DATA	<u> </u>				
					STI	RENGTH
<u>UNIT DE</u>	SIGNATI	<u>ON</u>			AUTHORIZED	ACTUAL
	upport Op	erations Squadre	on		66	54
235 ATC			TOTALS		<u>79</u> 145	<u>54</u> 108
			TOTALS		143	108
13. MAJOR EQU	IPMENT A	AND AIRCRAF	FT			
_						
<u>T</u> Vehicle Equivalent	TYPE			<u>AUTH</u>	ORIZED <u>A</u> 425	ASSIGNED 431
venicie Equivaleni	ıs				423	431
14 OUTSTANDIN	NG POLLU	UTION AND SA	AFETY(OSI	HA) DEFICIE		D. D. G. C. L. G. D. L. G. L.
CATEGORY	DD∩I	ECT TITI E		SCODE	CST \$(000)	DESIGN STATUS
<u>CODE</u>	<u>rkuj</u>	ECT TITLE		<u>SCOPE</u>	<u>\$(000)</u>	START CMPL
NONE						

1. COMPONE		JARD AND RESERVE	2.DA					
ANG 3 INSTALLA	TION AND LOCATION	Y CONSTRUCTION		ary 2005 EA CONSTR				
3. IIVSTILLE	5. INSTALLATION AND LOCATION COST INDEX							
	STATE COLLEGE ANG STATION, STATE COLLEGE 1.05							
5. FREQUENCY AND TYPE OF UTILIZATION Four unit training assembling nor month. 15 days annual field training nor year daily use by technician /ACR force								
Four unit training assemblies per month, 15 days annual field training per year, daily use by technician/AGR force and for training.								
with for training	5.							
(OTHER A	CTIVE OUADD DECEDVE DICTAL	I ATIONG WHTHIN 17 MI	I EG DADILIG					
	CTIVE/GUARD/RESERVE INSTAI ional Guard Unit, one Army Reserve							
	nonur Guara Omi, one rumi, reserve	o cinto, one i in i oree reserv	Come					
7. PROJECTS CATEGORY	REQUESTED IN THIS PROGRAM		COST DES	SIGN STATUS				
CATEGOR I CODE	PROJECT TITLE		\$(000) STA					
_ 								
171-447	Replace Air Operations Squadron	2,090 SM (22,500 SF)	5,300 Oct	t 04 May 05				
	Training Facility							
8 STATERE	SERVE FORCES FACILITIES BOA	ARD RECOMMENDATION	V					
Facilities ident	ified in item 6 have been examined b	by the State Reserve Forces l	Facilities Board for po	ossible joint				
use/expansion	The Board recommendations are: U	Unilateral Construction Appr	·					
			(Date)					
9. LAND AC	QUISITION REQUIRED		None					
			(Number of	Acres)				
10. PROJECT CATEGORY	S PLANNED IN NEXT FOUR YEA	ARS		COST				
CATEGOR I CODE	PROJECT TITLE		<u>SCOPE</u>	\$(000)				
<u> </u>	THOUSE THE		<u> </u>	<u>\$\(\daggree\)</u>				
	NONE							
	DeMilioto del Descripto del CO							
	R&M Unfunded Requirement: \$0							
				ı				

1. COMPONENT			O AND RESER		2. DATE
ANG 3. INSTALLATIO	N AND LOCATION	WILLITARY CO	DNSTRUCTIO	'IN	February 2005
STATE COLLEGE	ANG STATION, ST	ATE COLLEC	E		
11. PERSONNEL	STRENGTH AS OF 8	/14/2004 12:00	0:00 AM		
		MANENT	CIVILIAN		D/RESERVE
AUTHORIZED	TOTAL OFFICER 56	75	0	25	ICER ENLISTED 9 16
ACTUAL	71 11	60	0	20	4 16
12. RESERVE UN	IT DATA				
I DHE DE	CLCN A THON			STREM	
	SIGNATION ontrol Squadron			<u>AUTHORIZED</u> <u>25</u> 25	<u>ACTUAL</u>
		TOTALS		25	20
13. MAJOR EOUI	PMENT AND AIRCR	AFT			
	<u>YPE</u>		111711	ORIZED ASS	IGNED
Vehicles	11 L		AUTIN	<u>JRIZED</u> <u>ASS</u>	IGNED
14 OUTSTANDIN CATEGORY	G POLLUTION AND	SAFETY(OS	HA) DEFICIE	NCIES FY 2007 CST	DESIGN STATUS
CODE CODE	PROJECT TITLE		<u>SCOPE</u>	<u>\$(000)</u>	START CMPL
NONE					

1. COMPONENT	FY 2007 GUARD AND RESERVE		2.DATE		
ANG	MILITARY CONSTRUCTION		February 2005		
3.INSTALLATION		4. AREA CONSTR COST INDEX			
MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE .92					
5 EDECLIENCY AND TYPE OF LITH IZATION					

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

7. PROJEC	TS REQUESTED IN THIS PROGRAM:	FY 2007			
CATEGORY	Y		COST	DESIGN S	<u>STATUS</u>
CODE	PROJECT TITLE	<u>SCOPE</u>	<u>\$(000)</u>	START	<u>CMPL</u>
851-000	C-5 Infrastructure Upgrade	LS (LS)	3,100	Jul 04	Oct 06
130-142	C-5 Replace Fire Crash Rescue Station	1,198 SM (12,900 SF)	4,200	Jul 04	Jul 06
141-753	C-5 Replace Squadron Operations and	3,902 SM (42,000 SF)	10,000	Jun 04	Sep 06
	Simulator Training Facility				
218-712	C-5 Replace Aircraft Support	1,161 SM (12,500 SF)	3,500	Jul 04	Sep 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 01 Feb 04 (Date)

9. LAND ACQUISITION REQUIRED	None
	(Number of Acres)
40 PROFESSES BY AND THE PROFESSES BOATER AND A	

10. PROJECTS PLANNED IN NEXT FOUR YEARS

 $\begin{array}{ccc} \text{CATEGORY} & & \text{COST} \\ \underline{\text{CODE}} & \underline{\text{PROJECT TITLE}} & \underline{\text{SCOPE}} & \underline{\text{\$(000)}} \end{array}$

NONE

I AND A COLUCION DECLUDED

R&M Unfunded Requirement: \$6,211,000

1. COMPONENT	FY 2007 GUARD AND RESERVE	2.DATE				
ANG	MILITARY CONSTRUCTION	February 2005				
3. INSTALLATION	3. INSTALLATION AND LOCATION					
MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE						
11. PERSONNEL STRENGTH AS OF 01 Aug 04						
	•					

		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	<u>CIVILIAN</u>	<u>TOTA</u>	<u>OFFICER</u>	ENLISTED
AUTHORIZED	281	5	74	0	1,18	5 136	1,049
ACTUAL	279	5	74	0	1,00	3 117	886

12. RESERVE UNIT DATA

		STRENGTH
<u>UNIT DESIGNATION</u>	AUTHOR	RIZED ACTUAL
155 Airlift Squadron	127	100
164 Airlift Wing	58	3 45
164 Civil Engineering Squadron	93	83
164 Communication Flight	46	34
164 Logistics Group	10	9
164 Logistics Squadron	112	100
164 Aerial Port Squadron	103	86
164 Medical Squadron	116	60
164 Mission Support Flight	28	3 28
164 Maintenance Squadron	267	213
164 Operations Group	ϵ	6
164 Operations Support Flight	20	17
164 Support Group	9	8
164 Security Forces Squadron	73	62
164 Services Flight	20	17
164 Operations Flight	22	2 16
164 Aircraft Generation Squadron	67	79
8164 Student Flight	8	40
TOTA	LS 1,185	1,003

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
Actual Vehicles	124	101
C-5 Aircraft	8	
Support Equipment	171	145
Vehicle Equivalents	362	309

DESIGN STATUS START CMPL CST CATEGORY <u>\$(000)</u> CODE PROJECT TITLE **SCOPE**

NONE

1. COMPONENT	FY 2007 GUARD AND RESERVE	2.DATE
ANG	MILITARY CONSTRUCTION	February 2005
3. INSTALLATION	N AND LOCATION	4. AREA CONSTR
		COST INDEX
EWVRA-SHEPHEI	RD FIELD, WEST VIRGINIA	.96

5. FREQUENCY AND TYPE OF UTILIZATION

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

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

7. PROJE	CTS REQUESTED IN THIS PROGRAM	E: FY 2007			
CATEGOI	RY	(COST	DESIGN	<u>STATUS</u>
CODE	PROJECT TITLE	SCOPE S	5(000)	START	<u>CMPL</u>
141-753	C-5 Replace Squadron Operations	2,787 SM (30,000 SF)	6,600	Jun 04	Aug 06
	Facility				
130-142	C-5 Replace Fire Crash and Rescue	2,717 SM (29,250 SF)	7,800	Jun 04	Jul 06
	Station				
442-758	C-5 Replace Base Supply Facility	3,395 SM (36,550 SF)	5,800	Jul 04	Aug 06
111-111	C-5 Upgrade/Extend Runway and	149,192 SM (178,432 S	Y) 20,500	Aug 04	Nov 06
	Taxiways				

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 03 Jun 04 (Date)

9. LAND AC	CQUISITION REQUIRED	None	_
		(Number of Acre	es)
10. PROJEC	TS PLANNED IN NEXT FOUR YEARS		
CATEGORY	•		COST
CODE	PROJECT TITLE	<u>SCOPE</u>	<u>\$(000)</u>
211-179	Fuel Cell Hangar	7,497 SM (80,700 SF)	25,500
217-712	C-5 Shops Upgrade	3,902 SM (42,000 SF)	2,000
932-000	C-5 Site Preparation and Utilities	LS (LS)	4,500
	R&M Unfunded Requriement: \$5,252,000		
	R&M Unfunded Requirement: \$5,252,000		

1. COMPONENT		FY 2	2007 GUAR	D AND RESEI	RVE	2.DAT	Е
ANG		M	ILITARY C	ONSTRUCTIO	N	Februa	ry 2005
3. INSTALLATIO							
EWVRA-SHEPHE	RD FIELD,	WEST VIR	RGINIA				
11. PERSONNEL	STRENGTH	AS OF 01	Aug 04				
		PERN	MANENT		GU	JARD/RESER	:VE
TOTAL OFFICER ENLISTED CIVILI			CIVILIAN		OFFICER E		
AUTHORIZED	286	35	251	0	1,216	198	1,018
ACTUAL	270	30	240	0	1,184	165	1,019
						TRENGTH	
					S.	TRENGTH	
<u>UNIT DESIGNATION</u>				<u>AUTHORIZEI</u>	<u>ACT</u>	<u>'UAL</u>	
167 Airlift Wing				52		51	
167 Medical Squadron			69	4	58		
167 Operations Group			8		8		
167 Airlift Squadron			166		34		
167 Operations Support Flight			22		24		
167 Airlift Evacuation Squadron				135		16	
167 Logistics Group				11		11	
167 Aircraft Generation Squadron				191		97	
167 MSX					62		63
167 MOF					11		10
167 Suppo					9		10
					99		96
167 Aerial Port Squadron 167 Logistics Squadron				108	10	13	
	C				26		3.4

	13	MAJOR	EOUIPMENT	AND AIRCRAF	Ŧ
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167 Mission Support Flight

167 Services Flight 167 Student Flight

167 Civil Engineering Squadron 167 Security Forces Squadron 167 Communication Flight

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
C-130E Aircraft	12	12
C-5 Aircraft	10	
Non-Powered AGE Equip	71	71
Powered AGE Equip	111	107

TOTALS

14 OUTSTAND	ING POLLUTION AND SAFE	TY(OSHA) DEFICIEN	CIES FY 2007	
CATEGORY			CST	DESIGN STATUS
CODE	PROJECT TITLE	<u>SCOPE</u>	\$(000)	START CMPL

NONE

24

95

75 45

26 38

1,184

26

93

73

43

29

1,216

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

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

						Facility	Program	Amount	FY05 PB		
Comp	FY	Appn	Installation	Location	Project Title	Category	Element	\$000	\$000	Explanation of Changes	Footprint
ANG	2009	3830	Ted Stevens IAP	AK	Replace Pararescue Training Complex	141-185	55296F	12,400	(1,400)	Moved from FY 07	Existing
ANG	2009	3830	Jacksonville IAP	FL	Replace Security Forces and Communication Facility	730-835	55296F	11,800		New	New
ANG	2009	3830	Des Moines IAP	IA	Replace Communications Facility	131-111	55296F	5,200		New	New
ANG	2009	3830	Boise MAP	ID	Operations and Training Facility	171-445	55296F	9,300		New	New
ANG	2009	3830	Fort Wayne IAP	IN	Aircraft Ready Shelters	141-181	55296F	4,700		New	New
ANG	2009	3830	New Orleans JRB	LA	Replace Engine/NDI Shop/Deployment Facility	211-157	55296F	5,800		New	New
ANG	2009	3830	Otis ANGB	MA	Replace Operations and Maintenance	171-445	55296F	9,100		New	New
ANG	2009	3830	Bangor IAP	ME	Replace Aircraft Maintenance Hangar/Shops	211-111	55296F	20,000	7,000	Moved from FY 08	New
ANG	2009	3830	WK Kellogg Apt	MI	Replace Base Civil Engineer Complex	219-944	55296F	6,900		New	New
ANG	2009	3830	Pease Tradeport	NH	Replace Operations and Training	171-445	55296F	8,900		New	New
ANG	2009	3830	Reno-Tahoe IAP	NV	Replace Intelligence Exploitation Facility	171-447	55296F	16,000		New	New
ANG	2009	3830	Hancock Field	NY	Add to and Alter Squadron Operations Facility	141-753	55296F	5,400		New	Existing
ANG	2009	3830	Schenectady MAP	NY	Replace Base Supply Complex	442-758	55296F	6,800	1,300		New
ANG	2009	3830	Camp Perry ANGB	OH	Replace Troop Training Quarters	725-517	55296F	4,700	50		Existing
ANG	2009	3830	Fort Indiantown Gap	PA	Replace Composite Support Complex	171-445	55296F	12,500	3,564	Moved from FY 07	Existing
ANG	2009	3830	Harrisburg IAP	PA	Expand Aircraft Parking Apron/Taxiway	113-321	55296F	5,000	750	Moved from FY 08	New
ANG	2009	3830	Joe Foss Field	SD	Security Forces and Communications Upgrade	730-835	55296F	5,200		New	New
ANG	2009	3830	Burlington IAP	VT	Security Improvements - Relocate Road	851-000	55296F	6,800		New	New
ANG	2009	3830	Various		Planning and Design		55296F	10,804			
ANG	2009	3830	Various		Unspecified Minor Construction		55296F	3,100			
						FY 200	09 Total	170,404			
ANG	2010	2920	Dirminghom IAD	A I	VC 125 Mobility Processing and Alast Cray Quarters			,	2,000	Moved from EV 07	Nov
ANG	2010		Birmingham IAP	AL	KC-135 Mobility Processing and Alert Crew Quarters	141-786	55296F	3,500	2,000	Moved from FY 07	New
ANG	2010	3830	Fort Smith MAP	AR	Replace Civil Engineering Maintenance Complex	141-786 219-944	55296F 55296F	3,500 7,100		New	New
ANG ANG	2010 2010	3830 3830	Fort Smith MAP Tucson IAP	AR AZ	Replace Civil Engineering Maintenance Complex Replace Civil Engineering Complex	141-786 219-944 219-944	55296F 55296F 55296F	3,500 7,100 5,100	2,000	New Moved from FY 07	New Existing
ANG ANG	2010 2010 2010	3830 3830 3830	Fort Smith MAP Tucson IAP Fresno Yosemite IAP	AR AZ CA	Replace Civil Engineering Maintenance Complex Replace Civil Engineering Complex Replace Squadron Operations Facility	141-786 219-944 219-944 141-753	55296F 55296F 55296F 55296F	3,500 7,100 5,100 7,700		New Moved from FY 07 New	New Existing Existing
ANG ANG ANG	2010 2010 2010 2010	3830 3830 3830 3830	Fort Smith MAP Tucson IAP Fresno Yosemite IAP Fresno Yosemite IAP	AR AZ CA CA	Replace Civil Engineering Maintenance Complex Replace Civil Engineering Complex Replace Squadron Operations Facility Replace Vehicle Maintenance Complex	141-786 219-944 219-944 141-753 214-425	55296F 55296F 55296F 55296F 55296F	3,500 7,100 5,100 7,700 4,500	200	New Moved from FY 07 New New	New Existing Existing New
ANG ANG ANG ANG	2010 2010 2010 2010 2010	3830 3830 3830 3830 3830	Fort Smith MAP Tucson IAP Fresno Yosemite IAP Fresno Yosemite IAP New Castle MAP	AR AZ CA CA DE	Replace Civil Engineering Maintenance Complex Replace Civil Engineering Complex Replace Squadron Operations Facility Replace Vehicle Maintenance Complex Replace Aircraft Maintenance Hangar	141-786 219-944 219-944 141-753 214-425 211-111	55296F 55296F 55296F 55296F 55296F 55296F	3,500 7,100 5,100 7,700 4,500 10,200	200	New Moved from FY 07 New New Moved from FY 08	New Existing Existing New New
ANG ANG ANG ANG ANG	2010 2010 2010 2010 2010 2010 2010	3830 3830 3830 3830 3830 3830	Fort Smith MAP Tucson IAP Fresno Yosemite IAP Fresno Yosemite IAP New Castle MAP Hulman MAP	AR AZ CA CA DE IN	Replace Civil Engineering Maintenance Complex Replace Civil Engineering Complex Replace Squadron Operations Facility Replace Vehicle Maintenance Complex Replace Aircraft Maintenance Hangar Weapons Release and Load Crew Training	141-786 219-944 219-944 141-753 214-425 211-111 215-552	55296F 55296F 55296F 55296F 55296F 55296F 55296F	3,500 7,100 5,100 7,700 4,500 10,200 6,900	200	New Moved from FY 07 New New Moved from FY 08 Moved from FY 09	New Existing Existing New New New
ANG ANG ANG ANG ANG ANG ANG	2010 2010 2010 2010 2010 2010 2010 2010	3830 3830 3830 3830 3830 3830 3830	Fort Smith MAP Tucson IAP Fresno Yosemite IAP Fresno Yosemite IAP New Castle MAP Hulman MAP McConnell AFB	AR AZ CA CA DE IN KS	Replace Civil Engineering Maintenance Complex Replace Civil Engineering Complex Replace Squadron Operations Facility Replace Vehicle Maintenance Complex Replace Aircraft Maintenance Hangar Weapons Release and Load Crew Training Replace Hangar and Shops	141-786 219-944 219-944 141-753 214-425 211-111 215-552 211-111	55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F	3,500 7,100 5,100 7,700 4,500 10,200 6,900 14,800	(3,800)	New Moved from FY 07 New New Moved from FY 08 Moved from FY 09 New	New Existing Existing New New New New New
ANG ANG ANG ANG ANG ANG ANG ANG ANG	2010 2010 2010 2010 2010 2010 2010 2010	3830 3830 3830 3830 3830 3830 3830 3830	Fort Smith MAP Tucson IAP Fresno Yosemite IAP Fresno Yosemite IAP New Castle MAP Hulman MAP McConnell AFB Louisville IAP	AR AZ CA CA DE IN KS KY	Replace Civil Engineering Maintenance Complex Replace Civil Engineering Complex Replace Squadron Operations Facility Replace Vehicle Maintenance Complex Replace Aircraft Maintenance Hangar Weapons Release and Load Crew Training Replace Hangar and Shops Add and Alter Composite Support Facility	141-786 219-944 219-944 141-753 214-425 211-111 215-552 211-111 730-835	55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F	3,500 7,100 5,100 7,700 4,500 10,200 6,900 14,800 4,100	(3,800)	New Moved from FY 07 New New Moved from FY 08 Moved from FY 09 New Moved from FY 09	New Existing Existing New New New New New New
ANG	2010 2010 2010 2010 2010 2010 2010 2010	3830 3830 3830 3830 3830 3830 3830 3830	Fort Smith MAP Tucson IAP Fresno Yosemite IAP Fresno Yosemite IAP New Castle MAP Hulman MAP McConnell AFB Louisville IAP Selfridge ANGB	AR AZ CA CA DE IN KS KY MI	Replace Civil Engineering Maintenance Complex Replace Civil Engineering Complex Replace Squadron Operations Facility Replace Vehicle Maintenance Complex Replace Aircraft Maintenance Hangar Weapons Release and Load Crew Training Replace Hangar and Shops Add and Alter Composite Support Facility Replace Alert Complex	141-786 219-944 219-944 141-753 214-425 211-111 215-552 211-111 730-835 141-183	55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F	3,500 7,100 5,100 7,700 4,500 10,200 6,900 14,800 4,100 19,500	(3,800)	New Moved from FY 07 New New Moved from FY 08 Moved from FY 09 New Moved from FY 09 New Moved from FY 09 New	New Existing Existing New New New New New New Existing
ANG	2010 2010 2010 2010 2010 2010 2010 2010	3830 3830 3830 3830 3830 3830 3830 3830	Fort Smith MAP Tucson IAP Fresno Yosemite IAP Fresno Yosemite IAP New Castle MAP Hulman MAP McConnell AFB Louisville IAP Selfridge ANGB Minneapolis- St Paul IAP	AR AZ CA CA DE IN KS KY MI MN	Replace Civil Engineering Maintenance Complex Replace Civil Engineering Complex Replace Squadron Operations Facility Replace Vehicle Maintenance Complex Replace Aircraft Maintenance Hangar Weapons Release and Load Crew Training Replace Hangar and Shops Add and Alter Composite Support Facility Replace Alert Complex Composite Aircraft Maintenance Facility	141-786 219-944 219-944 141-753 214-425 211-111 215-552 211-111 730-835 141-183 211-154	55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F	3,500 7,100 5,100 7,700 4,500 10,200 6,900 14,800 4,100 19,500 8,800	(3,800)	New Moved from FY 07 New New Moved from FY 08 Moved from FY 09 New Moved from FY 09 New Moved from FY 09 New New New	New Existing Existing New New New New New Existing New New New
ANG	2010 2010 2010 2010 2010 2010 2010 2010	3830 3830 3830 3830 3830 3830 3830 3830	Fort Smith MAP Tucson IAP Fresno Yosemite IAP Fresno Yosemite IAP New Castle MAP Hulman MAP McConnell AFB Louisville IAP Selfridge ANGB Minneapolis- St Paul IAP Gabreski Airport	AR AZ CA CA DE IN KS KY MI MN NY	Replace Civil Engineering Maintenance Complex Replace Civil Engineering Complex Replace Squadron Operations Facility Replace Vehicle Maintenance Complex Replace Aircraft Maintenance Hangar Weapons Release and Load Crew Training Replace Hangar and Shops Add and Alter Composite Support Facility Replace Alert Complex Composite Aircraft Maintenance Facility Replace Pararescue Training Facility	141-786 219-944 219-944 141-753 214-425 211-111 215-552 211-111 730-835 141-183 211-154	55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F	3,500 7,100 5,100 7,700 4,500 10,200 6,900 14,800 4,100 19,500 8,800 12,500	(3,800)	New Moved from FY 07 New New Moved from FY 08 Moved from FY 09 New Moved from FY 09 New New New New New New	New Existing Existing New New New New New New New Existing New Existing
ANG	2010 2010 2010 2010 2010 2010 2010 2010	3830 3830 3830 3830 3830 3830 3830 3830	Fort Smith MAP Tucson IAP Fresno Yosemite IAP Fresno Yosemite IAP New Castle MAP Hulman MAP McConnell AFB Louisville IAP Selfridge ANGB Minneapolis- St Paul IAP Gabreski Airport Rickenbacker IAP	AR AZ CA CA DE IN KS KY MI MN NY OH	Replace Civil Engineering Maintenance Complex Replace Civil Engineering Complex Replace Squadron Operations Facility Replace Vehicle Maintenance Complex Replace Aircraft Maintenance Hangar Weapons Release and Load Crew Training Replace Hangar and Shops Add and Alter Composite Support Facility Replace Alert Complex Composite Aircraft Maintenance Facility Replace Pararescue Training Facility Joint ANG/ARNG Vehicle Maintenance Facility	141-786 219-944 219-944 141-753 214-425 211-111 215-552 211-111 730-835 141-183 211-154 141-185	55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F	3,500 7,100 5,100 5,100 4,500 10,200 6,900 14,800 4,100 19,500 8,800 12,500 6,600	(3,800) 900 600	New Moved from FY 07 New New Moved from FY 08 Moved from FY 09 New Moved from FY 09 New New New New New New	New Existing Existing New New New New New Existing New Existing Existing Existing
ANG	2010 2010 2010 2010 2010 2010 2010 2010	3830 3830 3830 3830 3830 3830 3830 3830	Fort Smith MAP Tucson IAP Fresno Yosemite IAP Fresno Yosemite IAP New Castle MAP Hulman MAP McConnell AFB Louisville IAP Selfridge ANGB Minneapolis- St Paul IAP Gabreski Airport Rickenbacker IAP Rickenbacker IAP	AR AZ CA CA DE IN KS KY MI MN NY OH	Replace Civil Engineering Maintenance Complex Replace Civil Engineering Complex Replace Squadron Operations Facility Replace Vehicle Maintenance Complex Replace Aircraft Maintenance Hangar Weapons Release and Load Crew Training Replace Hangar and Shops Add and Alter Composite Support Facility Replace Alert Complex Composite Aircraft Maintenance Facility Replace Pararescue Training Facility Joint ANG/ARNG Vehicle Maintenance Facility Security Forces Complex	141-786 219-944 219-944 141-753 214-425 211-111 215-552 211-111 730-835 141-183 211-154 141-185 214-425 730-835	55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F	3,500 7,100 5,100 5,100 4,500 10,200 6,900 14,800 4,100 19,500 8,800 12,500 6,600 6,500	(3,800) 900 600	New Moved from FY 07 New New Moved from FY 08 Moved from FY 09 New Moved from FY 09 New Moved from FY 09 New New New New New Moved from FY 07	New Existing Existing New New New New Existing New Existing New Existing New Existing New Existing Existing New
ANG	2010 2010 2010 2010 2010 2010 2010 2010	3830 3830 3830 3830 3830 3830 3830 3830	Fort Smith MAP Tucson IAP Fresno Yosemite IAP Fresno Yosemite IAP New Castle MAP Hulman MAP McConnell AFB Louisville IAP Selfridge ANGB Minneapolis- St Paul IAP Gabreski Airport Rickenbacker IAP Rickenbacker IAP Springfield MAP	AR AZ CA CA DE IN KS KY MI MN NY OH	Replace Civil Engineering Maintenance Complex Replace Civil Engineering Complex Replace Squadron Operations Facility Replace Vehicle Maintenance Complex Replace Aircraft Maintenance Hangar Weapons Release and Load Crew Training Replace Hangar and Shops Add and Alter Composite Support Facility Replace Alert Complex Composite Aircraft Maintenance Facility Replace Pararescue Training Facility Joint ANG/ARNG Vehicle Maintenance Facility Security Forces Complex Aircraft Ready Shelters	141-786 219-944 219-944 141-753 214-425 211-111 215-552 211-111 730-835 141-183 211-154 141-185	55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F	3,500 7,100 5,100 5,100 4,500 10,200 6,900 14,800 4,100 19,500 8,800 12,500 6,600	(3,800) 900 600 300 1,200	New Moved from FY 07 New New Moved from FY 08 Moved from FY 09 New Moved from FY 09 New New New New New New	New Existing Existing New New New New New Existing New Existing Existing Existing
ANG	2010 2010 2010 2010 2010 2010 2010 2010	3830 3830 3830 3830 3830 3830 3830 3830	Fort Smith MAP Tucson IAP Fresno Yosemite IAP Fresno Yosemite IAP New Castle MAP Hulman MAP McConnell AFB Louisville IAP Selfridge ANGB Minneapolis- St Paul IAP Gabreski Airport Rickenbacker IAP Rickenbacker IAP Springfield MAP McEntire ANGB	AR AZ CA CA DE IN KS KY MI MN NY OH OH	Replace Civil Engineering Maintenance Complex Replace Civil Engineering Complex Replace Squadron Operations Facility Replace Vehicle Maintenance Complex Replace Vehicle Maintenance Complex Replace Aircraft Maintenance Hangar Weapons Release and Load Crew Training Replace Hangar and Shops Add and Alter Composite Support Facility Replace Alert Complex Composite Aircraft Maintenance Facility Replace Pararescue Training Facility Joint ANG/ARNG Vehicle Maintenance Facility Security Forces Complex Aircraft Ready Shelters Replace Operations and Training Complex	141-786 219-944 219-944 141-753 214-425 211-111 215-552 211-111 730-835 141-183 211-154 141-185 214-425 730-835 141-181	55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F	3,500 7,100 5,100 7,700 4,500 10,200 6,900 4,100 19,500 8,800 12,500 6,600 6,500 2,700 9,500	300 1,200 800	New Moved from FY 07 New New Moved from FY 08 Moved from FY 09 New Moved from FY 09 New New New New Moved from FY 07 Moved from FY 06 Moved from FY 09	New Existing Existing New New New New Existing New Existing New Existing New Existing Existing New New New Existing
ANG	2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010	3830 3830 3830 3830 3830 3830 3830 3830	Fort Smith MAP Tucson IAP Fresno Yosemite IAP Fresno Yosemite IAP New Castle MAP Hulman MAP McConnell AFB Louisville IAP Selfridge ANGB Minneapolis- St Paul IAP Gabreski Airport Rickenbacker IAP Rickenbacker IAP Springfield MAP McEntire ANGB Salt Lake City IAP	AR AZ CA CA DE IN KS KY MI MN NY OH	Replace Civil Engineering Maintenance Complex Replace Civil Engineering Complex Replace Squadron Operations Facility Replace Vehicle Maintenance Complex Replace Vehicle Maintenance Complex Replace Aircraft Maintenance Hangar Weapons Release and Load Crew Training Replace Hangar and Shops Add and Alter Composite Support Facility Replace Alert Complex Composite Aircraft Maintenance Facility Replace Pararescue Training Facility Joint ANG/ARNG Vehicle Maintenance Facility Security Forces Complex Aircraft Ready Shelters Replace Operations and Training Complex Replace Fire Station/Mobility Processing	141-786 219-944 141-753 214-425 211-111 215-552 211-111 730-835 141-183 211-154 141-185 214-425 730-835 141-181	55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F	3,500 7,100 5,100 7,700 4,500 10,200 6,900 14,800 19,500 8,800 12,500 6,600 6,500 2,700 9,500 9,700	300 1,200 800	New Moved from FY 07 New New Moved from FY 08 Moved from FY 09 New Moved from FY 09 New New New New New New New Moved from FY 07 Moved from FY 06 Moved from FY 09 Moved from FY 09 Moved from FY 09	New Existing Existing New New New New Existing New Existing New Existing Existing Existing New Existing New Existing New New New New
ANG	2010 2010 2010 2010 2010 2010 2010 2010	3830 3830 3830 3830 3830 3830 3830 3830	Fort Smith MAP Tucson IAP Fresno Yosemite IAP Fresno Yosemite IAP New Castle MAP Hulman MAP McConnell AFB Louisville IAP Selfridge ANGB Minneapolis- St Paul IAP Gabreski Airport Rickenbacker IAP Rickenbacker IAP Springfield MAP McEntire ANGB Salt Lake City IAP Richmond IAP	AR AZ CA CA DE N N KS KY MI MN NY OH OH SC UT	Replace Civil Engineering Maintenance Complex Replace Civil Engineering Complex Replace Squadron Operations Facility Replace Vehicle Maintenance Complex Replace Aircraft Maintenance Hangar Weapons Release and Load Crew Training Replace Hangar and Shops Add and Alter Composite Support Facility Replace Alert Complex Composite Aircraft Maintenance Facility Replace Pararescue Training Facility Joint ANG/ARNG Vehicle Maintenance Facility Security Forces Complex Aircraft Ready Shelters Replace Operations and Training Complex Replace Fire Station/Mobility Processing Replace Operation, Training, and Support Complex	141-786 219-944 219-944 141-753 214-425 211-111 215-552 211-117 730-835 141-183 211-154 141-185 214-425 730-835 141-181 171-445	55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F	3,500 7,100 5,100 7,700 4,500 10,200 6,900 4,100 19,500 8,800 12,500 6,600 6,500 2,700 9,500	300 1,200 800	New Moved from FY 07 New New Moved from FY 08 Moved from FY 09 New Moved from FY 09 New New New New Moved from FY 07 Moved from FY 06 Moved from FY 09	New Existing Existing New New New New Existing New Existing New Existing New Existing New Existing New Existing New New New New New
ANG	2010 2010	3830 3830 3830 3830 3830 3830 3830 3830	Fort Smith MAP Tucson IAP Fresno Yosemite IAP Fresno Yosemite IAP New Castle MAP Hulman MAP McConnell AFB Louisville IAP Selfridge ANGB Minneapolis- St Paul IAP Gabreski Airport Rickenbacker IAP Rickenbacker IAP Springfield MAP McEntire ANGB Salt Lake City IAP	AR AZ CA CA DE III IN IN IN IN OH OH OH OH VA	Replace Civil Engineering Maintenance Complex Replace Squadron Operations Facility Replace Squadron Operations Facility Replace Vehicle Maintenance Complex Replace Aircraft Maintenance Complex Replace Aircraft Maintenance Hangar Weapons Release and Load Crew Training Replace Hangar and Shops Add and Alter Composite Support Facility Replace Alert Complex Composite Aircraft Maintenance Facility Replace Pararescue Training Facility Joint ANG/ARNG Vehicle Maintenance Facility Security Forces Complex Aircraft Ready Shelters Replace Operations and Training Complex Replace Fire Station/Mobility Processing Replace Operation, Training, and Support Complex Force Protection Measures - Relocate Road	141-786 219-944 141-753 214-425 211-111 215-552 211-111 730-835 141-183 211-154 141-185 214-425 730-835 141-181 171-445	55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F	3,500 7,100 7,700 4,500 10,200 6,900 14,800 4,100 19,500 8,800 12,500 6,600 6,500 2,700 9,500 9,700	300 1,200 800	New Moved from FY 07 New New Moved from FY 08 Moved from FY 09 New Moved from FY 09 New New New New New Moved from FY 07 Moved from FY 07 Moved from FY 06 Moved from FY 09 Moved from FY 07	New Existing Existing New New New New New Existing New Existing New Existing Existing New New New New New New New
ANG	2010 2010	3830 3830 3830 3830 3830 3830 3830 3830	Fort Smith MAP Tucson IAP Fresno Yosemite IAP Fresno Yosemite IAP New Castle MAP Hulman MAP McConnell AFB Louisville IAP Selfridge ANGB Minneapolis- St Paul IAP Gabreski Airport Rickenbacker IAP Rickenbacker IAP Springfield MAP McEntire ANGB Salt Lake City IAP Richmond IAP Yeager Airport	AR AZ CA CA DE IN KS KY MI MN NY OH OH OH OH VA	Replace Civil Engineering Maintenance Complex Replace Civil Engineering Complex Replace Squadron Operations Facility Replace Vehicle Maintenance Complex Replace Aircraft Maintenance Hangar Weapons Release and Load Crew Training Replace Hangar and Shops Add and Alter Composite Support Facility Replace Alert Complex Composite Aircraft Maintenance Facility Replace Pararescue Training Facility Joint ANG/ARNG Vehicle Maintenance Facility Security Forces Complex Aircraft Ready Shelters Replace Operations and Training Complex Replace Fire Station/Mobility Processing Replace Operation, Training, and Support Complex	141-786 219-944 219-944 141-753 214-425 211-111 215-552 211-111 730-835 141-183 211-154 141-185 214-425 730-835 141-181 171-445 730-142	55296F 55296F	3,500 7,100 5,100 7,700 4,500 10,200 6,900 14,800 4,100 19,500 6,600 6,500 2,700 9,500 15,000 6,500	300 1,200 800	New Moved from FY 07 New New Moved from FY 08 Moved from FY 09 New Moved from FY 09 New New New New New Moved from FY 07 Moved from FY 07 Moved from FY 06 Moved from FY 09 Moved from FY 07	New Existing Existing New New New New Existing New Existing New Existing New Existing Existing New New New New New

						P. 111.		-	Change from		
Comp	FY	Appn	Installation	Location	Project Title		Program Element	Amount \$000	FY05 PB \$000	Explanation of Changes	Footprint
					·						
ANG	2011	3830	Dothan Airport	AL	Mobility Processing Apron	113-321	55296F11	2,000		New	New
ANG	2011	3830	March ARB	CA	Replace Aircraft Maintenance Hangar and Shops	211-111	55296F	14,400	1,400	Moved from FY 08	New
ANG	2011	3830	Buckley AFB	CO	Replace Squadron Operations Facility	141-753	55296F	5,900		New	New
ANG	2011	3830	Savannah IAP	GA	Replace Squadron Operations	141-753	55296F	5,700		New	New
ANG	2011	3830	Hickam AFB	HI	Munitions Maintenance and Storage Complex	216-642	55296F	9,800		Moved from FY 09	New
ANG	2011	3830	Boise MAP	ID	Relocate Munitions Complex	216-642	55296F	9,100		New	Existing
ANG	2011	3830	Forbes MAP	KS	Replace Squadron Operations	141-753	55296F	9,100		New	Existing
ANG	2011	3830	Madisonville Airport	KY	Airfield Improvements	116-116	55296F	1,500		New	New
ANG	2011	3830	Martin State Airport	MD	Aircraft Corrosion Control Facility	211-179	55296F	10,400	500	Moved from FY 08	New
ANG	2011	3830	Alpena MAP	MI	Replace Squadron Operations Facility	141-753	55296F	8,500		Moved from FY 08	New
ANG	2011	3830	Great Falls IAP	MT	Replace Operations and Training Facility	171-445	55296F	8,300		New	Existing
ANG	2011	3830	Hector Field	ND	Replace Fire Station	130-142	55296F	6,900		New	New
ANG	2011	3830	Lincoln MAP	NE	Add/Alter Security Forces and Communications Facility	730-835	55296F	8,500		Moved from FY 08	New
ANG	2011	3830	Griffiss Airport	NY	NEADS Support Facility	171-447	55296F	9,000		New	New
ANG	2011	3830	Toledo IAP	OH	Replace Fire Station/Security Forces	130-142	55296F	9,300		New	New
ANG	2011	3830	Will Rogers World Airport	OK	Replace Maintenance Hangar	211-111	55296F	15,000		New	New
ANG	2011	3830	Willow Grove JRB	PA	Operations and Communications Training Facility	171-445	55296F	9,000		New	New
ANG	2011	3830	General Mitchell IAP	WI	Upgrade Aircraft Maintenance Complex - Phase II	211-159	55296F	3,300		New	New
ANG	2011	3830	Yeager Airport	WV	Replace Maintenance Hangar	211-111	55295F	17,000		New	New
ANG	2011	3830	Cheyenne MAP	WY	Replace Squadron Operations Facility	141-753	55296F	6,800	•	New	New
ANG	2011	3830	Various		Planning and Design		55296F	12,055	•		
ANG	2011	3830	Various		Unspecified Minor Construction		55296F	6,000	•		
						FY 20	11 Total	187,555			

OTHER PROJECTS NO LONGER IN THE FYDP:

				Budget			
				Amount			
	Installation	Location	Project Title	\$000	Explanation of Changes		
	Birmingham	AL	Joint Intelligence Facility	8,100	Reduction in TOA		
	Montgomery IAP	AL	Replace Composite Operations and Training Facility	11.252	In FY 06 PB		
	Fort Smith MAP	AR	Replace Vehicle Maintenance and ASE Complex	6,000	Appropriated in FY 05		
+	Fort Smith MAP	AR	Upgrade Lighting System	2.500	Cancelled		
+	Little Rock AFB	AR	Communication Addition	1,200	Funded with P-341		
	Fresno Yosemite IAP	CA	Alert Crew Quarters Facility	3,000	In FY 06 PB		
	New Castle MAP	DE	Add to Security Forces Facility	1.500	Funded with P-341		
	Jacksonville IAP	FL	F-15 Corrosion Control Hangar	4,000	Appropriated in FY 05		
	Hickam AFB	HI	Aircraft Rinse Facility	2.500	In FY 06 PB		
	Sioux City IAP	IA	Upgrade Taxiway Pavements	2,000	Reduction in TOA		
	Boise Air Terminal	ID	Add/Alter Base Supply Complex	3,500	Appropriated in FY 05		
	Forbes Field	KS	Replace Operations Training Facility	9,100	Appropriated in FY 05		
	McConnell AFB	KS	Construct Standby Power Facility	1,383	Funded with P-341		
	Otis ANGB	MA	Replace Control Tower	7,000	Appropriated in FY 05		
	Selfridge ANGB	MI	Visitors Center and ID Complex	4,000	Appropriated in FY 05		
	Selfridge ANGB	MI	Joint ANG/AFRC Security Forces Facility	9,700	Appropriated in FY 05		
	W K Kellogg APT	MI	Add to and Alter Fire Crash/Rescue Station	4,500	Appropriated in FY 05		
+	Duluth IAP	MN	Replace Regional PMEL Facility	4,000	Reduction in TOA		
	Great Falls IAP	MT	Security Forces Complex	1,500	Funded with P-341		
	Montana Range	MT	Construct Air to Ground Range	11.000	Reduction in TOA		
+	Charlotte/Douglas IAP	NC	Vehicle Maintenance Complex	4.000	In FY 06 PB		
	Pease International Tradeport	NH	Upgrade Aircraft Parking Apron (Phase II)	4,900	Appropriated in FY 05		
	Atlantic City IAP	NJ	Replace Alert 2 Shelters	2,300	Appropriated in FY 05		
	McGuire AFB	NJ	Replace Security Forces Facility	3,500	Reduction in TOA		
	Hancock Field	NY	Replace Mobility Processing Center	2,300	Appropriated in FY 05		
	Stewart IAP	NY	Replace Fire Station	8,000	In FY 06 PB		
	Toledo Express IAP	OH	Replace Logistics Complex	7,544	Appropriated in FY 05		
	Will Rogers World Airport	OK	Add to Security Police	1,400	Funded with SRM		
	Portland IAP	OR	Replace Joint Dining Hall (ANG/AFRC)	7.000	Reduction in TOA		
	Willow Grove	PA	Composite Support Complex	7,100	Reduction in TOA		
	Coventry ANGB	RI	Special Operations Facility	1,500	Funded with P-341		
	Joe Foss Field	SD	Replace Squadron Operations Facility	7,000	Appropriated in FY 05		
	Memphis IAP	TN	C-5 Maintenance Hangar and Shops	39,000	In FY 06 PB		
	Memphis IAP	TN	Communications and Security Training Facility	8,200	Cancelled		
	Burlington IAP	VT	Composite Deployment Training Facility	5,400	Appropriated in FY 05		
	Fairchild AFB	WA	Replace Logistics Support Complex	9,200	Reduction in TOA		
	Volk Field	WI	Replace Squadron Operations Facility	4,500	Appropriated in FY 05		
	Martinsburg MAP	WV	C-5 Aircraft Apron, Fuel Storage & Hydrant System, Phase II	20,000	Appropriated in FY 05		
	Martinsburg MAP	WV	C-5 Corrosion Control Hangar	23,000	In FY 06 PB		
	Martinsburg MAP	WV	C-5 Flight Simulator Facility	4,150	Appropriated in FY 05		
	Yeager Airport	WV	Replace Fire Station	6,000	Appropriated in FY 05		
	Cheyenne MAP	WY	Composite Airlift Support Complex	7,000	In FY 06 PB		

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

SECTION IV

FUTURE YEARS DEFENSE PLAN (FYDP) STATE/INSTALLATION LISTING

								Budget (Change from		
						Facility	Program	Amount	FY05 PB		
Comp	FY	Appn	Installation	Location	Project Title		Element	\$000	\$000	Explanation of Changes	Footprint
ANG 2	2008	3830	Eielson AFB	AK	Mobility Storage Warehouse	141-786	51411F	5,900	100	Moved from FY 09	New
ANG 2	2009	3830	Ted Stevens IAP	AK	Replace Pararescue Training Complex	141-185	55296F	12,400	(1,400)	Moved from FY 07	Existing
	2010		Birmingham IAP	AL	KC-135 Mobility Processing and Alert Crew Quarters	141-786		3,500	2,000	Moved from FY 07	New
ANG 2	2011	3830	Dothan Airport	AL	Mobility Processing Apron	113-321	55296F11	2,000		New	New
ANG 2	2010	3830	Fort Smith MAP	AR	Replace Civil Engineering Maintenance Complex	219-944	55296F	7,100		New	New
ANIC	2010	2020	Tucson IAP	AZ	Bouloop Civil Engineering Complex	219-944	55296F	5,100	200	Moved from FY 07	Eviatina
ANG 2	2010	3830	Tucson IAP	AZ	Replace Civil Engineering Complex	219-944	33290Г	3,100	200	Moved Holli F F 07	Existing
ANG 2	2010	3830	Fresno Yosemite IAP	CA	Replace Squadron Operations Facility	141-753	55296E	7,700		New	Existing
	2008		Fresno Yosemite IAP	CA	Medical Training and Security Forces Complex	171-450		5,000	300	Moved from FY 07	New
	2010		Fresno Yosemite IAP	CA	Replace Vehicle Maintenance Complex	214-425		4,500	500	New	New
	2011		March ARB	CA	Replace Aircraft Maintenance Hangar and Shops	211-111	55296F	14,400	1.400	Moved from FY 08	New
					T and the second			, , , , ,	,		
ANG 2	2011	3830	Buckley AFB	CO	Replace Squadron Operations Facility	141-753	55296F	5,900		New	New
ANG 2	2008	3830	Greeley Airport	CO	Space Warning System Squadron Support Facility	171-447	55296F	5,400	(900)	Moved from FY 06	Existing
ANG 2	2010	3830	New Castle MAP	DE	Replace Aircraft Maintenance Hangar	211-111	55296F	10,200	(3,800)	Moved from FY 08	New
ANG 2	2009	3830	Jacksonville IAP	FL	Replace Security Forces and Communication Facility	730-835	55296F	11,800		New	New
-											
ANG 2	2011	3830	Savannah IAP	GA	Replace Squadron Operations	141-753	55296F	5,700		New	New
ANG 2	2011	3830	Hickam AFB	HI	Munitions Maintenance and Storage Complex	216-642	55296F	9,800		Moved from FY 09	New
1270 0	2000	2020	D 14: 11D	*.	P. I. G. 122 P. 325	121 111	5.500 CE	7.200		XY	
	2009		Des Moines IAP	IA	Replace Communications Facility	131-111	55296F	5,200	400	New	New
ANG 2	2008	3830	Fort Dodge	IA	Vehicle Maintenance and Communications Training	214-425	55296F	5,000	400	Moved from FY 07	Existing
ANG 2	2009	3830	Boise MAP	ID	Operations and Training Facility	171-445	55296F	9.300		New	New
	2011		Boise MAP	ID	Relocate Munitions Complex	216-642	55296F	9,300		New	Existing
AING 2	2011	3030	DOISC WITH	ID	relocate Maintions Complex	210-042	332701	2,100		14CW	Laisting
ANG 2	2008	3830	Capital MAP	IL	Security Improvements-Relocate Base Entrance	850-000	55296F	5,000		Moved from FY 07	New
	2008		Greater Peoria MAP	IL	Replace Composite ASOS/ASOC Training Facility	171-447		9,600	400	moved nom 1 1 0,	New
					The second secon			.,			
ANG 2	2008	3830	Fort Wayne IAP	IN	Replace Security Forces Operations and Training Facility	730-835	55296F	4,100	100	Moved from FY 07	New
ANG 2	2009	3830	Fort Wayne IAP	IN	Aircraft Ready Shelters	141-181	55296F	4,700		New	New
ANG 2	2010	3830	Hulman MAP	IN	Weapons Release and Load Crew Training	215-552	55296F	6,900	900	Moved from FY 09	New
	2011		Forbes MAP	KS	Replace Squadron Operations	141-753	55296F	9,100		New	Existing
ANG 2	2010	3830	McConnell AFB	KS	Replace Hangar and Shops	211-111	55296F	14,800		New	New
1370 -	2010	2022	Y 1 111 Y/ **			5 00 00 -	5500.00	,		N IC TYLOG	
	2010		Louisville IAP	KY	Add and Alter Composite Support Facility	730-835	55296F	4,100	600	Moved from FY 09	New
ANG 2	2011	3830	Madisonville Airport	KY	Airfield Improvements	116-116	55296F	1,500		New	New
ANG 2	2009	2020	New Orleans JRB	LA	Replace Engine/NDI Shop/Deployment Facility	211-157	55296F	5,800		New	New
ANG 2	2009	3630	new Offeatis JKB	LA	replace Eligilie/ND1 Sliop/Deployment Facility	211-13/	33290F	3,800		INCW	New
ANG 2	2008	3830	Barnes MAP	MA	Upgrade Aircraft Maintenance Facilities	215-552	55296F	7,100	(900)		New
	2008		Otis ANGB	MA	Replace Alert Crew Quarters	141-459	55296F	6,100		Moved from FY 06. Scope Change	Existing
	2008		Otis ANGB	MA	Replace Operations and Maintenance	171-445	55296F	9,100	3,100	New	New
21110 2	-007	2020	0.037111015	171/1	replace operations and maintenance	1/1-7-13	552701	>,100			11011
ANG 2	2011	3830	Martin State Airport	MD	Aircraft Corrosion Control Facility	211-179	55296F	10.400	500	Moved from FY 08	New
		,						,	200		
ANG 2	2009	3830	Bangor IAP	ME	Replace Aircraft Maintenance Hangar/Shops	211-111	55296F	20,000	7,000	Moved from FY 08	New

ANG 2011	3830 Alpena MAP	MI	Replace Squadron Operations Facility	141-753 552	96F 8.	500	Moved from FY 08	New
ANG 2010	3830 Selfridge ANGB	MI	Replace Alert Complex	141-183 552	296F 19.	500	New	Existing
ANG 2009	3830 WK Kellogg Apt	MI	Replace Base Civil Engineer Complex	219-944 552	296F 6.	900	New	New
ANG 2008	3830 Duluth IAP	MN	Replace Fire Station	130-142 552	296F 6.	300	New	New
ANG 2010	3030 Minneapolis- St Paul IAP	MN	Composite Aircraft Maintenance Facility	211-154 552	296F 8.	800	New	New
	•							
ANG 2008	3830 Rosecrans MAP	MO	Replace Fire Station	130-142 552	296F 10,	000	1,500 Moved from FY 07	New
			•					
ANG 2008	3830 Gulfport-Biloxi MAP	MS	Relocate Munitions Complex - Phase I	216-642 552	296F 5,	,000	2,000 Moved from FY 06	New
ANG 2008	3830 Key Field MAP	MS	Upgrade ASOS Communications Training Complex	171-447 553	393F 6,	800		Existing
	•							
ANG 2011	3830 Great Falls IAP	MT	Replace Operations and Training Facility	171-445 552	296F 8,	,300	New	Existing
ANG 2011	3830 Hector Field	ND	Replace Fire Station	130-142 552	296F 6,	,900	New	New
ANG 2011	3830 Lincoln MAP	NE	Add/Alter Security Forces and Communications Facility	730-835 552	296F 8,	,500	Moved from FY 08	New
			-					
ANG 2009	3830 Pease Tradeport	NH	Replace Operations and Training	171-445 552	296F 8,	900	New	New
	-							
ANG 2008	3830 Atlantic City IAP	NJ	Operations, Training and Dining Hall	171-445 552	296F 11,	200	5,500 Scope Change	New
ANG 2008	3830 Atlantic City IAP	NJ	Arm/Disarm Apron	116-661 225	596F 1,	500	New	New
ANG 2008	3830 McGuire AFB	NJ	Replace Base Civil Engineer Complex	219-944 552	296F 7,	000	Moved from FY 06	Existing
			· · · · · · · · · · · · · · · · · · ·					<u> </u>
ANG 2008	3830 Reno-Tahoe IAP	NV	Replace Vehicle Maintenance Facility	214-425 552	296F 4.	500	400 Moved from FY 07	New
ANG 2009	3830 Reno-Tahoe IAP	NV	Replace Intelligence Exploitation Facility	171-447 552	296F 16.	000	New	New
ANG 2010	3830 Gabreski Airport	NY	Replace Pararescue Training Facility	141-185 552	296F 12,	500	New	Existing
ANG 2011	3830 Griffiss Airport	NY	NEADS Support Facility	171-447 552	296F 9.	000	New	New
ANG 2009	3830 Hancock Field	NY	Add to and Alter Squadron Operations Facility	141-753 552	296F 5.	400	New	Existing
ANG 2009	3830 Schenectady MAP	NY	Replace Base Supply Complex	442-758 552	296F 6.	800	1,300	New
	•							
ANG 2009	3830 Camp Perry ANGB	OH	Replace Troop Training Quarters	725-517 552	296F 4,	700	50	Existing
ANG 2008	3830 Mansfield MAP	OH	Joint ANG/ARNG Fire Station	130-142 552	296F 8.	000	1,800 Moved from FY 09	New
ANG 2010	3830 Rickenbacker IAP	OH	Joint ANG/ARNG Vehicle Maintenance Facility	214-425 552	296F 6.	600	New	Existing
ANG 2010	3830 Rickenbacker IAP	OH	Security Forces Complex	730-835 552	296F 6.	500	300 Moved from FY 07	New
ANG 2010	3830 Springfield MAP	OH	Aircraft Ready Shelters	141-181 552	296F 2.	700	1,200 Moved from FY 06	New
ANG 2011	3830 Toledo IAP	OH	Replace Fire Station/Security Forces	130-142 552		300	New	New
			•					
ANG 2011	3830 Will Rogers World Airport	OK	Replace Maintenance Hangar	211-111 552	296F 15.	.000	New	New
ANG 2008	3830 Klamath Falls IAP	OR	Replace Security Forces Facility	730-835 552	296F 3.	500	300	Existing
			, , , , , , , , , , , , , , , , , , , ,					
ANG 2009	3830 Fort Indiantown Gap	PA	Replace Composite Support Complex	171-445 552	296F 12,	500	3,564 Moved from FY 07	Existing
ANG 2009	1	PA	Expand Aircraft Parking Apron/Taxiway			000	750 Moved from FY 08	New
ANG 2011	3830 Willow Grove JRB	PA	Operations and Communications Training Facility			000	New	New
ANG 2010	3830 McEntire ANGB	SC	Replace Operations and Training Complex	171-445 552	296F 9.	500	800 Moved from FY 09	New
	· · · · · ·						**	****
ANG 2009	3830 Joe Foss Field	SD	Security Forces and Communications Upgrade	730-835 552	296F 5	200	New	New
2007							* * * * * * * * * * * * * * * * * * * *	1.011

ANG 2008	3830 McGhee-Tyson Airport	TN	Squadron Operations Facility	141-753	55296F	7,000	700 Moved from FY 09	New
ANG 2008	3 3830 Fort Worth JRB	TX	Composite Support Complex	730-835	55296F	7,500	200 Moved from FY 09	New
ANG 2010	3830 Salt Lake City IAP	UT	Replace Fire Station/Mobility Processing	730-142	55296F	9,700	1,500 Moved from FY 09	New
ANG 2010	3830 Richmond IAP	VA	Replace Operation, Training, and Support Complex	171-445	55296F	15,000	Moved from FY 07	New
ANG 2009	3830 Burlington IAP	VT	Security Improvements - Relocate Road	851-000	55296F	6,800	New	New
ANG 2008	3830 Camp Murray ANGB	WA	262 Information Warfare Aggressor Squadron Facility	171-447	55296F	7,000	200	New
ANG 2008		WI	Upgrade Aircraft Maintenance Complex - Phase 1	211-152	55296F	7,000	500 Moved from FY 09	New
ANG 2011 ANG 2008	3830 General Mitchell IAP 3830 Truax Field	WI WI	Upgrade Aircraft Maintenance Complex - Phase II Add/Alter Fire Station	211-159 130-142	55296F 55296F	3,300 6,500	New 800	New New
ANG 2008		WV	Fuel Cell Hangar		51119F	25,500	New	New
ANG 2008 ANG 2008		WV WV	C-5 Shops Upgrade C-5 Site Preperation and Utilities		51119F 51119F	2,000 4,500	New New	New New
ANG 2010 ANG 2011	3830 Yeager Airport 3830 Yeager Airport	WV WV	Force Protection Measures - Relocate Road Replace Maintenance Hangar	851-000 211-111	55296F 55295F	6,500 17,000	New New	New New
ANG 2008	3830 Cheyenne MAP	WY	Replace Vehicle Maintenance/Deployment Processing	214-425	55296F	5,900	New	New
ANG 2011	3830 Cheyenne MAP	WY	Replace Squadron Operations Facility	141-753	55296F	6,800	New	New