AIR NATIONAL GUARD

Fiscal Year (FY) 2008/2009 BUDGET ESTIMATES



MILITARY CONSTRUCTION
APPROPRIATION 3830
PROGRAM YEAR 2008

Justification Data Submitted to Congress
February 2007

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2008

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SUMMARY PROJECT LIST AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM - FY 2008

STATE	INSTALLATION AND PROJECT	AUTH/APPN AMOUNT (\$000)	PAGE NO.
Indiana	Hulman Regional Airport (RAP) Digitial Ground Station (DGS) Beddown Sub-Total Indiana	7,700 7,700	II-1
Louisianna	Camp Beauregard Training Site (RTS) Upgrade ASOS Facility Sub-Total Louisianna	1,800 1,800	II-4
Massachusetts	Otis (ANGB) Digital Ground Station (DGS) IOC Beddown Sub-Total Massachusetts	1,800 1,800	II-7
Pennsylvania	Ft Indiantown Gap (RTS) Air Support Operations Squadron (ASOS) Beddown Sub-Total Pennsylvania	6,400 6,400	II-10
Tennessee	McGhee Tyson (ANGB) MILSTAR Beddown- Relocate Base Access Road Memphis International Airport (IAP) C-5 Final Infrastructure Support C-5 Munitions Storage Complex	3,200 6,676 1,500	II-13 II-16 II-19
	C-5 Ground Run-up Enclosure Sub-Total Tennessee	3,200 14,576	II-22
West Virginia	EWVRA-Shepherd Field C-5 Fuel Cell Maintenance Hangar and Shops C-5 Squadron Operations Facility C-5 Final Infrastructure Upgrade Sub-Total West Virginia SUB-TOTAL ALL BASES	26,000 7,600 5,176 38,776 71,052	II-25 II-28 II-31
	PLANNING AND DESIGN	7,965	II-35
	UNSPECIFIED MINOR CONSTRUCTION	6,500	II-37
	SUB-TOTAL SUPPORT COSTS	14,465	
	GRAND TOTAL	85,517	

NEW MISSION/CURRENT MISSION EXHIBIT AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM -- FY 2008

LOCATION	PROJECT	COST (\$000)	CURRENT/ NEW/ENV
Hulman Regional Airport (RAP), IN	Digitial Ground Station (DGS) Beddown	7,700	N
Camp Beauregard Training Site (RTS), LA	Upgrade ASOS Facility	1,800	N
Otis (ANGB), MA	Digital Ground Station (DGS) IOC Beddown	1,800	N
Ft Indiantown Gap (RTS), PA	Air Support Operations Squadron (ASOS) Beddown	6,400	N
McGhee Tyson (ANGB), TN	MILSTAR Beddown- Relocate Base Access Road	3,200	N
Memphis IAP, TN	C-5 Final Infrastructure Support C-5 Munitions Storage Complex C-5 Ground Run-up Enclosure	6,676 1,500 3,200	N N N
EWVRA-Shepherd Field, WV	C-5 Fuel Cell Maintenance Hangar and Shops C-5 Squadron Operations Facility C-5 Final Infrastructure Upgrade	26,000 7,600 5,176	N N N
	PLANNING AND DESIGN	7,965	
	UNSPECIFIED MINOR CONSTRUCTION	6,500	
	TOTAL ENERGY TOTAL ENVIRONMENTAL TOTAL NEW MISSION (11) TOTAL CURRENT MISSION (0)	0 0 71,052 0	
	GRAND TOTAL - FY 2008 REQUEST	85,517	

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2008

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, \$85,517,000 to remain available until September 30, 2012.

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 2008

SECTION II	

PROJECT JUSTIFICATION DATA

1. COMPONENT		FY 2008 MILITARY CO			OJECT DA	TA	2.	DATE
		(comp	uter generate	ed)				
ANG							Fel	oruary 2007
3. INSTALLATION	AND :	LOCATION		4. I	PROJECT	ΓITLE		
				DIGIT	AL GROU	ND STA	TION	(DGS)
HULMAN REGIONA	AL AII	RPORT, INDIANA		BEDD	OWN			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	IBER	8. PROJ	ECT	COST(\$000)
53117F		171-447	LD:	XF0690	62		\$7	,700
		9. COST	ESTIMATI	ES				
						UN	IT	COST
		ITEM		U/M	QUANTIT	Y COS	ST	(\$000)
DGS BEDDOWN				SM	3,094			5,484
UPGRADE OPER	ATIO	NS AREA		SM	1,808	2,	153	(3,893)
UPGRADE ADM	INIST	RATIVE AREA		SM	1,286	1,	184	(1,523)
AT/FP MINIMUM	I STA	NDARDS		SM	3,094		22	(68)
SUPPORTING FAC	ILITIE	ES		LS				1,435
COMMUNICATI	ONS S	SUPPORT		LS				(95)
PASSIVE FORCE	PRO	ΓECTION		LS				(195)
STANDBY POW	ER, SV	VITCH GEAR, & POWE	R SUPPLY	LS				(450)
SITE IMPROVEN	IENTS	S		LS				(185)
PAVEMENTS				LS				(205)
UTILITIES			LS				(155)	
SECURITY MEASURES			LS				(150)	
SUBTOTAL								6,919
CONTINGENCY (5%)								<u>346</u>
TOTAL CONTRAC								7,265
	SPECT	TON AND OVERHEAD ((6%)					<u>436</u>
TOTAL REQUEST								7,701

10. Description of Proposed Construction: Comprehensive renovation with alteration and rearrangement of interior walls, floors to include raised flooring, ceilings, electrical and plumbing systems, and fire detection systems. Modify heating, ventilation, and air conditioning ducting and replace air handlers and chillers as necessary. Provide for Sensitive Compartmented Information Facility (SCIF) areas to include secure walls, ceiling, and door and alarm systems. Install a fire protection system. Remove exterior windows as necessary and replace openings with material to match building exterior. Provide anti-terrorism/force protection measures to include road and parking relocation as well as other necessary measures. Provide security fencing. Provide exterior support such as pavements, utility and communications extensions, and site improvements. Install standby power generators with auto-start, switch gear, and uninterrupted power supply. Manpower supported: 356

Air Conditioning: 1,050 KW.

TOTAL REQUEST (ROUNDED)

11. REOUIREMENT: 3.094 SM ADEOUATE: 0 SM SUBSTANDARD: 3.094 SM PROJECT: DGS Beddown (New Mission)

REQUIREMENT: The base requires an adequately sized and appropriately configured space for the establishment of a new mission Digital Ground Station (DGS) and its beddown in an initial operating capability (IOC) facility. A DGS receives classified data in real time, processes the data, and transmits the results to customers for mission employment activities. Both operational missions and training activities for assigned ANG personnel will be conducted in the facility. Functional requirements include: operational space for data receipt, processing, and retransmission by on-duty crews working shift operations; analysis areas; equipment operations, maintenance, and storage areas; maintenance work stations; and administrative support and command areas. Operations space must be accommodated in a Sensitive Compartmented Information Facility (SCIF) large enough to initially accommodate up to 14 intelligence data terminals/work stations as required for the daily production of

7,700

1. COMPONENT		2. DATE
	FY 2008 MILITARY CONSTRUCTION PROJECT DA	ATA
ANG	(computer generated)	February 2007
3. INSTALLATION	AND LOCATION	
HULMAN REGIONA	AL AIRPORT, INDIANA	
5. PROJECT TITLE	7. PROJECT NUMBER	
DIGITAL GROUND	STATION (DGS) REDDOWN	LDXF069062

classified intelligence information as well as sufficient training work space, complete with stand by power, switch gear, and uninterrupted power supply.

CURRENT SITUATION: The Base Realignment and Closure Commission 2005 realigned the installation by directing redistribution of assigned F-16 aircraft from this base, removing the flying mission, and thereby making the installation available for new missions. Through Total Force Integration initiatives, the base has been selected to receive a DGS as a new mission. Building 40, currently a squadron operation facility, and building 38, the current avionics facility, have been chosen to satisfy the DGS beddown facility requirements. Both facilities are near to each other, creating an ideal campus complex, and match DGS requirements more closely than any other available base facility. Building 40 will be reused as the DGS operations area while building 38 will be upgraded and reused as administrative and support space. These 1985 and 1981 vintage facilities are structurally sound but require significant reconfiguration inside and upgrade to meet new mission needs to include extensive security (to include SCIF construction), communications, standby power, and air conditioning, electrical upgrade and the installation of raised floor system for the communication and computer cables. Both facilities presently do not meet antiterrorism/force protection requirements. Parking lots and access roads need to be relocated. Doors and windows need to be sealed to meet security requirements. The facilities have no standby power. Space must be made for the DGS satellite antennas.

IMPACT IF NOT PROVIDED: The DGS mission can not be bedded down at this installation without this project, and the mission's Initial Operational Capability date will not be achieved. Required equipment could not be installed and would not be operational. Given the large volume of sensitive equipment necessary along with needed security requirements, there are no facility work arounds that could be considered and still attain and maintain mission operations and effectiveness. Both operational mission needs and personnel training specifications could not be accomplished without a properly configured facility.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements". Antiterrorism/Force Protection requirements have been considered in the development of this project. This facility is a "primary gathering" building and does not presently meet the standoff. Mission requirements, operational considerations and location are incompatible with use by other components. 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.

UPGRADE OPERATIONS AREA 1,808 SM = 19,459 SF UPGRADE ADMINISTRATIVE AREA 1,286 SM = 13,841 SF

. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT (computer generated)	DATA 2. DATE
ANG	, I C ,	February 2007
. INSTALLATION A IULMAN REGIONA	AND LOCATION L AIRPORT, INDIANA	
. PROJECT TITLE		7. PROJECT NUMBER
	STATION (DGS) BEDDOWN	LDXF069062
. SUPPLEMENTA	AL DATA:	
a. Estimated Desig	n Data:	
(1) Status:		
	esign Started	JUL 2006
	tric Cost Estimates used to develop costs	No
	Complete as of Jan 2007	35% JAN 2007
* (d) Date 35		AUG 2007
	esign Complete Design Contract	Standard
	Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
	d or Definitive Design - Design Was Most Recently Used -	No
(b) Where i	Design was most Recently Osed -	
(3) Total Cost ((c) = (a) + (b) or (d) + (e):	(\$000)
	ion of Plans and Specifications	462
	er Design Costs	231
(c) Total	•	693
(d) Contrac	et e	693
(e) In-Hous	se e	
(4) Contract Aw	vard (Month/Year)	FEB 2008
(5) Construction	ı Start	MAR 2008
(6) Construction	1 Completion	FEB 2009
	completion of Project Definition with Parametric Cost Estible to traditional 35% design to ensure valid scope and cost	
b. Equipment associ	ated with this project will be provided from other appropri	ations: N/A

POINT OF CONTACT: David Thompson (301) 836-8249

1. COMPONENT		FY 2008 MILITARY CONSTRUCTION PROJECT DATA 2. DATE					DATE	
		(comp	uter generate	ed)				
ANG							Fel	bruary 2007
3. INSTALLATION	AND I	LOCATION		4. I	PROJECT T	TITLE		
		AINING SITE, LOUISIA			ADE ASOS			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	T NUN	/IBER	8. PROJI	ECT	COST(\$000)
52671F		214-428	CYC	QY0691	91		\$1,	,800
		9. COST	ESTIMATE	ES				
						UNI	Γ	COST
		ITEM		U/M	QUANTITY:	Y COS	T	(\$000)
ASOS FACILITY U	PGRA	DE		SM	1,322			1,361
ADD TO OPERA	TIONS	S AREA		SM	161	1,8	384	(303)
ALTER OPERAT				SM	139		141	(61)
VEHICLE STORA				SM	1,022	9	969	(990)
		RCE PROTECTION		SM	300		22	(7)
SUPPORTING FAC	ILITIE	ES						240
UTILITIES				LS				(40)
PAVEMENTS		_		LS				(110)
SITE IMPROVEM				LS				(45)
COMMUNICATIO				LS				(10)
AT/FP SITE IMPR	KOVE.	MENTS		LS				(35)
SUBTOTAL								1,601
CONTINGENCY (5%)								80
TOTAL CONTRACT COST								1,681
SUPERVISION, INSPECTION AND OVERHEAD (6%) TOTAL REQUEST								101 1,782
TOTAL REQUEST	(DOI II	NDED)						1,782
TOTAL REQUEST ((NOUI	אטטעוי)						1,000
Î						Ī		1

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. The vehicle storage area to be a 3-sided metal shed with access pavements and utilities. Alteration: rearrange and extend interior walls and utilities to functionally fit the addition. Provide exterior utility support including minimum AT/FP. Manpower supported: 73.

Air Conditioning: 140 KW.

11. REQUIREMENT: 3,252 SM ADEQUATE: 3,112 SM SUBSTANDARD: 139 SM PROJECT: Upgrade AOS Facility (New Mission)

<u>REQUIREMENT</u>: Camp Beauregard is a State of Louisiana operated installation for training of the Army National Guard. The ANG's 122nd ASOS unit at Camp Beauregard supports the 256th and 56th Brigade Combat Teams of the Army National Guard. The unit requires additional vehicle storage area and minor additions to accommodate the additional vehicles being provided.

<u>CURRENT SITUATION</u>: The ANG-operated ASOS complex has inadequate storage for the authorized HMMVV fleet. The unit is authorized 1,394 SM of vehicle storage, but has only 372 SM. Additional minor storage space deficit exists in the operations and shop area. Each HMMWV is fully equipped with radios and other sensitive communications gear. These items are stored in the vehicles to make them ready for training on UTA. Without adequate covered storage vehicles and equipment degrade prematurely.

IMPACT IF NOT PROVIDED: The HMMWV vehicle fleet will have to be stored outside in the elements, thus damaging the radios and other equipment installed in the vehicles. Unit readiness and ability to perform deployed mission will be degraded. Support to Army National Guard units/training will be severely limited.

<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. This facility can be

1. COMPONENT			2. DATE
1. COMPONENT	FY 2008 MILITARY CON	NSTRUCTION PROJECT DA	
ANG	(compu	iter generated)	February 2007
3. INSTALLATION	AND LOCATION		
CAMP BEAUREGAE	RD TRAINING SITE, LOUISIAN	JA	
5. PROJECT TITLE	D THE IN THE OFFICE ACCOUNTS		7. PROJECT NUMBER
			GT1GT1G1G1
UPGRADE ASOS FA		aio, harraga dha acana af d	CYQY069191
	onents on an "as available" bauirements. All known alternati		
	other option could meet the mi		
was needed or perfe		,	•
ADD TO OPERAT		161 SM = 1,730	
ALTER OPERATION VEHICLE STORA		139 SM = 1,500 1,022 SM = 11,	
VEHICLE STORA	OL AKLA	1,022 SWI – 11,	000 51

1. C	OMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DA	ATA 2. DATE
	ANG	(computer generated)	February 2007
	NSTALLATION A		
CAN	IP BEAUREGAR	D TRAINING SITE, LOUISIANA	
	ROJECT TITLE		7. PROJECT NUMBER
JPG	RADE AIR SUPP	PORT OPERATIONS SQUADRON (ASOS) FACILITY	CYQY069191
2.	SUPPLEMENTA	AL DATA:	
a.	Estimated Design	n Data:	
	(1) Status:		
	* /	esign Started	MAY 2006
		tric Cost Estimates used to develop costs	No
		Complete as of Jan 2007	35%
	* (d) Date 359		JAN 2007
		esign Complete	AUG 2007
		Design Contract	Standard
	(g) Energy	Study/Life-Cycle analysis was/will be performed	YES
	(2) Basis:		
	· /	d or Definitive Design -	No
		Design Was Most Recently Used -	110
	(2) Total Cost ((c) = (a) + (b) or (d) + (e):	(\$000)
		(a) + (b) of $(d) + (e)$. ion of Plans and Specifications	108
		er Design Costs	54
	(c) Total	A Design Costs	162
	(d) Contrac	f	162
	(e) In-Hous		102
	(4) Contract Aw	vard (Month/Year)	FEB 2008
	(5) Construction	ı Start	MAR 2008
	(6) Construction	Completion	DEC 2008
		completion of Project Definition with Parametric Cost Estimate le to traditional 35% design to ensure valid scope and cost and	
1.	Fauinment associ	iated with this project will be provided from other appropriation	ons: N/A

POINT OF CONTACT: MAJ HARRY WASHINGTON (301) 836-8103

	1							
1. COMPONENT	FY 2008 MILITARY CONSTRUCTION				OJECT DA	TA	2.	DATE
		(comp	uter generate	ed)				
ANG							Fel	bruary 2007
3. INSTALLATION	AND l	LOCATION		4. I	PROJECT	ΓITLE		
				DIGIT	AL GROU	ND STAT	NOI	I (DGS) IOC
OTIS ANG BASE, M	ASSA	CHUSETTS		BEDD	OWN			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	T NUN	/IBER	8. PROJI	ECT	COST(\$000)
53117F		171-447	SPB	N0692	26		\$1.	,800
		9. COST	ESTIMATE	S				
						UNI	Т	COST
		ITEM		U/M	QUANTIT	Y COS	T	(\$000)
UPGRADE DGS FA	CILI	ΓΥ		SM	790			1,114
OPERATIONS AN	ND TR	AINING AREA		SM	790	1,3	389	(1,097)
ANTI-TERRORIS	M FO	RCE PROTECTION		SM	790		22	(17)
SUPPORTING FAC	ILITIE	ES		LS				510
COMMUNICATION	ONS S	SUPPORT		LS				(95)
SITE IMPROVEM	IENTS	S, PAVEMENTS, AND U	TILITIES	LS				(70)
STANDBY POWI	ER SY	STEM		LS				(345)
SUBTOTAL								1,624
CONTINGENCY (5%)								<u>81</u>
TOTAL CONTRACT COST								1,705
SUPERVISION, INSPECTION AND OVERHEAD (6%)								<u>102</u>
TOTAL REQUEST								1,807
TOTAL REQUEST (ROU	NDED)						1,800
Î					i			1

10. Description of Proposed Construction: Comprehensive interior renovation to include internal reconfiguration, ceiling, wall, and floor coatings and finishes, and electrical system reconfiguration. Repair second floor mezzanine as needed. Provide for security alarm systems, fire suppression and detection, raised flooring or other cabling system, electrical switch gear, standby power, and uninterrupted power supply systems. Provide allied support for communications requirements and system upgrades. Site work includes facility access, alarm systems and utility extensions and connections. This facility requires certification as a Sensitive Compartmented Information Facility (SCIF) and requires all work as necessary to accommodate SCIF criteria. Air Conditioning: 350 KW.

11. REQUIREMENT: 2,117 SM ADEQUATE: 1,373 SM SUBSTANDARD: 743 SM PROJECT: DGS IOC Bed Down (New Mission)

REQUIREMENT: The base requires an adequately sized and appropriately configured space for the establishment of a new mission Digital Ground Station (DGS) and its beddown in an initial operating capability (IOC) facility. A DGS receives classified data in real time, processes the data, and transmits the results to customers for mission employment activities. Both operational missions and training activities for assigned ANG personnel will be conducted in the facility. Functional requirements include: operational space for data receipt, processing, and retransmission by on-duty crews working shift operations; analysis areas; equipment operations, maintenance, and storage areas; maintenance work stations; and administrative support and command areas. Operations space must be accommodated in a Sensitive Compartmented Information Facility (SCIF) large enough to initially accommodate up to 14 intelligence data terminals/work stations as required for the daily production of classified intelligence information as well as sufficient training work space, complete with stand by power, switch gear, and uninterrupted power supply. This project supports initial bed down ultimately for 160 ANG/10 contractor personnel full time.

<u>CURRENT SITUATION</u>: Through Total Force Integration initiatives, the base has been selected to receive a DGS function as a new mission beddown. Use of existing facilities can accommodate the interim beddown of this mission so that it can achieve IOC. Building 165 was constructed in 1990 as a squadron operations complex and is currently used as such until assigned F-15 aircraft are relocated as part of a Base Realignment and Closure initiative. The facility has three SCIF/vault areas - the current

COMPONENT				2. DATE
ANG		NSTRUCTION PROJECT DA nter generated)	ΛTA	February 2007
INSTALLATION A		iter generateu)		1 coruary 2007
TIS ANG BASE, MA	ASSACHUSETTS		Z DDOI	
PROJECT TITLE			7. PROJ	ECT NUMBER
IGITAL GROUND S	STATION (DGS) IOC BEDDOV	VN	S	PBN069226
	area, the intelligence area, an		e are neit	her properly
	cent. The weapons and tactics			
	d reconfiguration of this area, planned for the new larger DO			mediately
	ROVIDED: The DGS mission			stallation without
	mission's IOC date will not b			
and will not be oper	ational. Given the large amou	ant of sensitive equipment r	necessary	along with
• •	uirements, there are no facility			
	on operations and effectivenes ns could not be accomplished			
	is project meets the criteria/so			
	uirements". Antiterrorism/Fo			
he development of	this project. All known altern	natives options were consider	ered duri	ng the
-	project. Mission requiremen	nts, operational consideration	ns and lo	ocation are
ncompatible with u	se by other components.			
PERATIONS AN	D TRAINING AREA	790 SM = 8,500	0 SF	
		,		

. COMPONENT		DATA 2. DATE
ANG	(computer generated)	February 2007
	ON AND LOCATION	
TIS ANG BASE	, MASSACHUSETTS	
. PROJECT TITI		7. PROJECT NUMBER
DIGITAL GROU	ND STATION (DGS) IOC BEDDOWN	SPBN069226
. SUPPLEMI	ENTAL DATA:	
a. Estimated D	esign Data:	
(1) Status:		
	e Design Started	AUG 2006
	ametric Cost Estimates used to develop costs	No
	cent Complete as of Jan 2007	35%
	e 35% Designed	JAN 2007
	e Design Complete	DEC 2007
	e of Design Contract	Standard
(g) Ene	rgy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
(a) Sta	ndard or Definitive Design -	No
	ere Design Was Most Recently Used -	
(3) Total C	ost $(c) = (a) + (b)$ or $(d) + (e)$:	(\$000)
	duction of Plans and Specifications	108
	Other Design Costs	54
(c) Tot		162
(d) Cor		162
(e) In-l		102
(4) Contrac	Award (Month/Year)	FEB 2008
(5) Constru	ction Start	MAR 2008
(6) Constru	ction Completion	FEB 2009
	tes completion of Project Definition with Parametric Cost Estimarable to traditional 35% design to ensure valid scope and cost at	
1 5	ssociated with this project will be provided from other appropriate	tions: N/A

POINT OF CONTACT: MR JOHN E. LOEHLE, PE (301) 836-8076

4. GOLDOVENE		TI 2000 1 (II IT 1 DI 1 GO	NIGHT I GHI	ONLDD	O TE CE D	m.		D + mp
1. COMPONENT		FY 2008 MILITARY CONSTRUCTION PROJECT DATA 2. DATE					DATE	
ANG		(comp	uter generate	ed)				2007
ANG							Fel	oruary 2007
3. INSTALLATION	AND I	LOCATION			PROJECT			
							ONS	SQUADRON
		NG STATION, PENNSYI			BEDDO			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PROJI	ECT	COST(\$000)
52671F		171-447	LKI	LW0691	.03		\$6	,400
		9. COST	ESTIMATI	ES				
						UNI	Τ	COST
		ITEM		U/M	QUANTITY	Y COS	T	(\$000)
ASOS BEDDOWN				SM	3,217			5,070
OPERATION AN	D SUF	PPORT AREA		SM	1,305	2,0)24	(2,641)
SHOP AREA				SM	469	1,9	91	(934)
VEHICLE STORA	AGE A	REA		SM	1,394	9	969	(1,351)
COVERED WASI	HRAC	K		SM	49	2,1	53	(105)
AT/FP MINIMUM	1 STA	NDARDS		SM	1,774		22	(39)
SUPPORTING FAC	ILITIE	ES		LS				690
UTILITIES				LS				(190)
PAVEMENTS				LS				(320)
SITE IMPROVEM				LS				(105)
COMMUNICATION	ONS S	SUPPORT		LS				(75)
SUBTOTAL								5,760
CONTINGENCY (5%)								288
TOTAL CONTRACT COST								6,048
SUPERVISION, INSPECTION AND OVERHEAD (6%)								<u>363</u>
TOTAL REQUEST								6,411
TOTAL REQUEST	(ROUI	NDED)						6,400
						1		

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with spread footings and engineered fill, brick masonry exterior, masonry walls, gypsum and steel stud partition walls, fixtures and hardware, mechanical and plumbing, electrical, standing seam metal roof, utilities, general site preparation, pavements, landscaping, communications, fire protection and force protection measures. Also includes covered vehicle wash rack.

Air Conditioning: 263 KW.

11. REQUIREMENT: 3,217 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM PROJECT: ASOS Beddown (New Mission)

<u>REQUIREMENT</u>: Fort Indian Town Gap ANG Station requires adequately sized and properly configured permanent facilities for the beddown of a new Air Support Operations Squadron (ASOS). The mission of the ASOS is to train and deploy with Army Units and direct air support and cover; establishing vital links between ground forces and aircrew members providing close air support. The mission requires an adequately sized and properly configured facility to support mission command and control, mission training, radio and vehicle maintenance, weapons storage, planning and administration support. The storage shed is required to house 24-each HMMWV vehicles. This ASOS trains with the Army National Guard units at the range and supports the 28th ID, the 2nd and the 56 SBCT. The manpower supported by this unit is 73.

<u>CURRENT SITUATION</u>: A site survey performed in the spring of 2006 indicated properly configured facilities to support the ASOS are not available at Fort Indian Town Gap ANG Station. ASOS must bed down in shared use space, with overcrowding, lack of training effectiveness, mission degradation, and inability to deploy as the ultimate results. Sensitive electronic gear, including aircraft-style radios and computer equipment, will be stored outdoors in canvas-topped HMMWV vehicles, which will allow premature failure due to moisture and weather exposure.

<u>IMPACT IF NOT PROVIDED</u>: The ASOS unit is not able to perform the required mission with out properly configured facilities. Command and control, mission planning, training of personnel, radio

1. COMPONENT				2. DATE
ANG	FY 2008 MILITARY CONSTRUC		ATA	Esh
ANG 3. INSTALLATION A	(computer gener	rated)		February 2007
3. IIIIIIIII				
	AP ANG STATION, PENNSYLVANIA		T	
5. PROJECT TITLE			7. PROJ	ECT NUMBER
AIR SUPPORT OPER	ATIONS SQUADRON (ASOS) BEDDO	WN	L	KLW069103
and vehicle mainten	ance, equipment and weapons security	y and administrativ		
• •	Vehicles and equipment exposed to t		. •	
•	e, repair and replacement costs. Adver	-		•
	his project meets the criteria/scope spec ents" and is in compliance with the bas			
	ents have been considered in the devel			
	were considered during the developme			
	quirements; therefore, no economic an			
requirements, opera	tional considerations, and location mal	ke for incompatible	e use by o	other component
OPERATION AND	SUPPORT AREA	1,305 SM = 14	050 SE	
SHOP AREA	JOH OKI MEN	469 SM = 5,050	,	
VEHICLE STORAG	GE AREA	1,394 SM = 15		
COVERED WASH	RACK	49 SM = 525 S	F	

COMPONENT	EN 2000 MILITARY CONCERNICATION PROJECT DATA	O. DATE
. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007
INSTALLATION A	AND LOCATION AP ANG STATION, PENNSYLVANIA	
1 INDIANTOWN 02	A ANOSTATION, TENNSTEVANIA	
. PROJECT TITLE		ROJECT NUMBER
AIR SUPPORT OPER	ATIONS SQUADRON (ASOS) BEDDOWN	LKLW069103
2. SUPPLEMENTA	AL DATA:	
a. Estimated Design	n Data:	
(1) Status:		
	esign Started	MAR 2006
	ric Cost Estimates used to develop costs	No
	Complete as of Jan 2007	35%
* (d) Date 350		JAN 2007
	sign Complete	AUG 2007
	Design Contract Study/Life-Cycle analysis was/will be performed	Standard YES
(2) Basis:		
(a) Standard	d or Definitive Design -	No
(b) Where I	Design Was Most Recently Used -	
(3) Total Cost (c	(c) = (a) + (b) or (d) + (e):	(\$000)
(a) Producti	on of Plans and Specifications	384
	er Design Costs	192
(c) Total		576
(d) Contrac (e) In-Hous		576
(4) Contract Aw	vard (Month/Year)	FEB 2008
(5) Construction	Start	MAR 2008
(6) Construction	Completion	MAR 2009
	completion of Project Definition with Parametric Cost Estimate while to traditional 35% design to ensure valid scope and cost and exec	
b. Equipment assoc	iated with this project will be provided from other appropriations:	N/A

POINT OF CONTACT: Lt Col Phillip Howard (301) 836-8070

	1							ſ
1. COMPONENT	FY 2008 MILITARY CONSTRUCTIO				OJECT DA	TA	2.	DATE
		(computer generated)						
ANG							Fel	bruary 2007
3. INSTALLATION	AND	LOCATION		4. I	PROJECT	ΓITLE		
				MILST	TAR BEDD	OWN- RE	ELO	CATE BASE
MCGHEE TYSON IA	AP, TE	NNESSEE		ACCE	SS ROAD			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PROJE	ECT	COST(\$000)
53116F		851-147	PSZ	XE0691	61		\$3,	,200
		9. COST	ESTIMATI	ES				
						UNIT	Γ	COST
		ITEM		U/M	QUANTITY	Y COS	Γ	(\$000)
MILSTAR BEDDOV	VN- R	ELOCATE BASE ACCES	SS ROAD	SM	13,378			1,719
PAVED ROADW.	ΑY			SM	13,378		94	(1,258)
GUARD HOUSE	AREA	L		SM	28	4,8	44	(136)
COVERED VEHI	CLE I	NSPECTION AREA		SM	149	1,1	84	(176)
PASS AND IDEN	TIFIC	ATION AREA		SM	46	3,2	29	(149)
SUPPORTING FAC	ILITIE	ES						1,164
UTILITIES				LS				(750)
DRAINAGE/SITE		ROVEMENTS		LS				(125)
SECURITY FENC	CING			LM	1,097	2	13	(234)
COMMUNICATION	ONS S	SUPPORT		LS				(55)
SUBTOTAL								2,883
CONTINGENCY (5%)								<u>144</u>
TOTAL CONTRACT COST								3,027
SUPERVISION, INSPECTION AND OVERHEAD (6%)								<u> 182</u>
TOTAL REQUEST								3,209
TOTAL REQUEST	(ROUI	NDED)						3,200

10. Description of Proposed Construction: Roadwork with earthwork, utility relocation, constructed sub-base, bituminous asphalt sub base, binder, final surfacing, drainage structures, signage, utility relocation, and traffic striping. Small scale facility work will include foundations, mechanical, electrical and communication systems, walls, roofs, pavements and canopies. Air Conditioning: 18 KW.

11. REQUIREMENT: AS REQUIRED.

PROJECT: MILSTAR Beddown - Relocate Main Base Entrance Road (New Mission)

<u>REQUIREMENT</u>: The 134th Air Refueling Wing (ARW) requires adequate force protection measures to support a 12-PAI, KC-135 unit and associated strategic unit with MILSTAR capability. When operational, the MILSTAR has a required Protection Level of PL1, which drives additional security requirements at the site. To meet anti-terrorism and force protection measures (AT/FP), the main entrance road must be relocated and a new base entrance must be established to provide proper stand off distance, adequate queuing lanes, inspection areas, and pass and ID functions, while consolidating separate cantonment areas into one base.

CURRENT SITUATION: Located outside the main cantonment area of McGhee Tyson Air National Guard Base, the 119th Comand and Control Squadron (CACS) operates specialized electronic and telecommunications systems for United States Strategic Command. New mission directives require the 119th and related space mission systems to be classified as a PL1 priority resource, elevating security requirements. Currently, security forces must travel off Air Force property through the existing main entrance of the current cantonment area to provide force protection for the 119th and related DOD components. In addition, the site occupied by the 119th CACS does not adequately meet perimeter stand off distances. The perimeter stand off distances radiate from transmission equipment to provide additional security and in some instances a secondary need exists for signal radiation clearance. To decrease security risk and meet stand off distances, the existing public road adjacent to the area occupied by the 119th CACS will be relocated. A new road will be constructed to divert public traffic to the North, converting the existing road into an internal base road. This will create a single, fenced

1. COMPONENT		2. DATE					
	FY 2008 MILITARY CONSTRUCTION PROJECT DA	TA					
ANG	(computer generated)	February 2007					
3. INSTALLATION							
MCGHEE TYSON IAP, TENNESSEE							
5. PROJECT TITLE	7. PROJECT NUMBER						
MILSTAR BEDDOWN- RELOCATE BASE ACCESS ROAD PSXE069161							

cantonment area. The main gate and associated functions will be moved to the East, opposite its current location on a county road, creating a single entry point for all DOD functions at McGhee Tyson Airport. In addition to improving security for the 119th, the main base will now meet AT/FP criteria, improving the overall security for members of the 134th AW. The main gate deficiency was identified by the ANG vulnerability assessment team (VAT) inspection as "Serious".

IMPACT IF NOT PROVIDED: The current configuration of base facilities increases vulnerabilities, exposing the base populace to greater risk and requiring additional resources to meet security requirements for PL1 resources. Facilities and people will be exposed to greater risk from a range of potential threats possibly directed against the installation and high priority systems will be vulnerable to direct attack. The 119th CACS carries the highest degree of security risk, located in an extremely vulnerable location. In addition, current problems with the existing main gate entrance related to AT/FP measures and general access vulnerabilities continue to put DOD personnel at risk. Operationally, the impact will be manifested in higher cost to provide manpower and equipment dictated by the need to protect two separate sites and vulnerable priority resources.

<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 requirements; therefore, no economic analysis was needed or performed. Antiterrorism/Force Protection requirements have been considered in the development of this project. Mission requirements, operational considerations and location are incompatible with use by other components.

PAVED ROADWAY

GUARD HOUSE AREA

COVERED VEHICLE INSPECTION AREA

PASS AND IDENTIFICATION AREA

13,378 SM = 16,000 SY

28 SM = 300 SF

149 SM = 1600 SF

46 SM = 495 SF

		TA 2. DATE				
1. COMPONENT	1. COMPONENT FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)					
ANG		February 2007				
3. INSTALLATION MCGHEE TYSON						
WEGHEE 1 130N	IAI, TENNESSEE					
5. PROJECT TITLE		7. PROJECT NUMBER				
MILSTAR BEDDO	WN- RELOCATE BASE ACCESS ROAD	PSXE069161				
12. SUPPLEMEN	ITAL DATA:					
a. Estimated Des	sign Data:					
(1) Status:	Design Started	JUL 2006				
	netric Cost Estimates used to develop costs	No				
	nt Complete as of Jan 2007	35%				
	35% Designed	JAN 2007				
(e) Date	Design Complete	AUG 2007				
(f) Type	Standard					
(g) Energ	gy Study/Life-Cycle analysis was/will be performed	YES				
(2) Basis:						
	ard or Definitive Design -	No				
(b) When	e Design Was Most Recently Used -					
(3) Total Cos	t(c) = (a) + (b) or (d) + (e):	(\$000)				
	action of Plans and Specifications	192				
	ther Design Costs	96				
(c) Total		288				
(d) Contr		288				
(e) In-Ho	ouse					
(4) Contract	Award (Month/Year)	FEB 2008				
(5) Construct	ion Start	MAR 2008				
(6) Construct	ion Completion	FEB 2009				
	es completion of Project Definition with Parametric Cost Estimate rable to traditional 35% design to ensure valid scope and cost and					
b. Equipment ass	ociated with this project will be provided from other appropriation	ons: N/A				

POINT OF CONTACT: Lt Col Phillip Howard (301) 836-8070

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1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA 2. DATE						DATE	
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ANG	February 2007						oruary 2007	
3. INSTALLATION	AND l	LOCATION		4. I	PROJECT	ΓITLE		
MEMPHIS INTERNA	ATION	IAL AIRPORT, TENNES	SEE	C-5 FINAL INFRASTRUCTURE SUPPORT				
PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	IBER	8. PROJ	ECT	COST(\$000)
54119F		812-225	PY	KL0592	19		\$6,	,676
		9. COST	ESTIMATI	ES				
						UNI	Т	COST
		ITEM		U/M	QUANTIT"	Y COS	\mathbf{T}	(\$000)
C-5 INFRASTRUCT	'URE	UPGRADE		LS				5,998
SECONDARY BA	ASE EI	NTRY GUARD HOUSE		LS				(310)
INTERIOR SECU	RITY	CHECK STATION		LS				(70)
MAIN BASE ENT	RY R	ETAINING WALL		LS				(350)
ROADS, SIDEWA	ALK A	ND PARKING LOTS		LS				(1,910)
SIGNAGE BASE	WIDE			LS				(250)
FLIGHTLINE AN	D INT	ERNAL SECURITY ME.	ASURES	LS				(970)
SITE IMPROVEM	1ENTS	S		LS				(300)
DRAINAGE IMPI	ROVE	MENTS		LS				(550)
ANTITERRORISI	M FOF	RCE PROTECTION MEA	SURES	LS				(270)
UTILITIES AND	IRRIG	ATION		LS				(493)
LANDSCAPING				LS				(525)
SUBTOTAL								5,998
CONTINGENCY (5%)								<u>300</u>
TOTAL CONTRACT COST								6,298
SUPERVISION, INSPECTION AND OVERHEAD (6%)								<u>378</u>
TOTAL REQUEST								6,676

10. Description of Proposed Construction: Provide wear surface an all new roads/parking and upgrade existing roadways by removing deteriorated pavements and replacing with bituminous pavements. Install roadway lighting, provide necessary site improvements, install base signage and provide communication duct bank to match existing system. Provide security fencing around the aircraft parking apron. Improve the drainage system by extending the culverts and drainage ditches. Provide blast fences and noise mitigation measures.

11. REQUIREMENT: As Required.

PROJECT: C-5 Final Infrastructure Support (New Mission).

REQUIREMENT: The 164th Airlift Wing requires properly phased and constructed infrastructure to support an 8-PAI, C-5 unit. To align appropriation with construction over a 4 year period in conjunction with infrastructure elements provided by the Memphis-Shelby County Airport Authority (MSCAA), infrastructure projects were appropriately phased. The final elements of that infrastructure includes serviceable pavement for parking lots for operational and privately owned vehicles. Other site development elements include flightline security fencing and access control gates, noise mitigation, secondary base entry access control, controlled area checkpoints, pedestrian walkways, sidewalks, and entryway area lighting, directional and building locator signage, landscaping and hardscaping. The roadways being provided in support of the new portion of the base have only a base course during the initial period of construction and require a wear surface to complete the roadways. These required elements support construction of the new proposed facilities of the 164th AW relocation. This is the final project of \$200M in construction in support of the conversion at this base.

<u>CURRENT SITUATION</u>: The Air Force on behalf of the Air National Guard (ANG) and the Memphis-Shelby County Airport Authority signed a Land Exchange Agreement (LEA) which mandates the Airport Authority as the design and construction agent to replicate the existing ANG C-141 facilities on new land at an Airport Authority cost of \$77 million. The Air Force will return the existing 103 acres of land with the buildings occupied by the 164th AW in 2008 when relocation of the

1. COMPONENT		2. DATE						
	FY 2008 MILITARY CONSTRUCTION PROJECT DA	ATA						
ANG	(computer generated)	February 2007						
3. INSTALLATION	AND LOCATION							
MEMPHIS INTERNA	ATIONAL AIRPORT, TENNESSEE							
5. PROJECT TITLE		7. PROJECT NUMBER						
C-5 FINAL INFRAST	C-5 FINAL INFRASTRUCTURE SUPPORT PYKL059219							
	. 1, 1 T , 1 A. , A , 1 1, 1	1110 (1 1 1						

unit to this new site is completed. In return the Airport Authority has provided 118 acres of land and extended the real estate lease from 2024 to 2058 at no cost. This area is being developed as the future base for the 164th AW as they convert to C-5 aircraft (8 PAI) and is a largely unimproved area. This is the final project to finish the base infrastructure, and provides the final site work, utility support, security measures, drainage improvements, and other miscellaneous work after all the other construction is completed.

IMPACT IF NOT PROVIDED: Without proper infrastructure the base will be incomplete, creating difficulties in access for base personnel while increasing the risk to DOD members not sufficiently protected with antiterrorism measures. General safety will be compromised, as insufficient lighting will increase the risk of potential harm to 164th AW employees. Operational security will be reduced without appropriate flight line security measures to protect C-5 assets. Vehicles will not be able to be properly parked. Sidewalks will not be available. Gates and pedestrian controls will not exist. The grounds will erode, jeopardizing adjacent structures. Parking lots and sidewalks will not have security/safety lighting.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in Air Force 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 alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements.

COMPONENT FY 2008 MILITARY CONSTRUCTION PROJECT DATA					
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	TION AND LOCATION	1 Coluary 200			
	ERNATIONAL AIRPORT, TENNESSEE				
11111111111111111					
. PROJECT TI	TLE	7. PROJECT NUMBER			
2-5 FINAL INF	RASTRUCTURE SUPPORT				
		PYKL059219			
2. SUPPLEN	MENTAL DATA:				
a. Estimated	Design Data:				
u. Estimated	Dongh Data.				
(1) Status					
	Date Design Started	DEC 2005			
	arametric Cost Estimates used to develop costs	No			
	ercent Complete as of Jan 2007	70%			
	Date 35% Designed	JAN 2006			
	Oate Design Complete	MAY 2007			
(f) T	ype of Design Contract	Standard			
(g) F	Energy Study/Life-Cycle analysis was/will be performed	YES			
(2) Basis	•				
` '	tandard or Definitive Design -	No			
	Where Design Was Most Recently Used -	1.0			
(3) Total	Cost (c) = $(a) + (b)$ or $(d) + (e)$:	(\$000)			
	roduction of Plans and Specifications	400			
	All Other Design Costs	200			
(c) T		600			
, ,	Contract	600			
	n-House	000			
(4) Contr	act Award (Month/Year)	FEB 2008			
(5) Const	ruction Start	MAR 2008			
(6) Const	ruction Completion	APR 2009			
	icates completion of Project Definition with Parametric Cost mparable to traditional 35% design to ensure valid scope and				
h Fauinmen	t associated with this project will be provided from other app	propriations: N/A			

POINT OF CONTACT: Lt Col Phillip Howard (301) 836-8070

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1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA 2. DATE						DATE	
ANG	(computer generated)							
	ANID	LOCATION		February 2007 4. PROJECT TITLE				
3. INSTALLATION	AND.	LOCATION		4. I	ROJECT	IIILE		
MEMBLIC INTERN	TION	IAL AIDDODT TENNIES	CEE	C-5 MUNITIONS STORAGE COMPLEX				
5. PROGRAM ELEM		NAL AIRPORT, TENNES 6. CATEGORY CODE	7. PROJEC					COST(\$000)
3. PROGRAM ELEM	EIN I	0. CATEGORT CODE	7. PROJEC	LINUN	IDEK	8. PROJE	CI	COS1(\$000)
54119F		422-264	PY	KL0691	28		\$1,	,500
		9. COST	ESTIMAT	ES				
						UNI	Γ	COST
		ITEM		U/M	QUANTITY	Y COS	T	(\$000)
MUNITIONS STOR	AGE (COMPLEX		SM	232			807
STORAGE IGLO	С			SM	167	3,7	67	(629)
INSPECTION AN	D MA	INTENANCE FACILITY	7	SM	65	2,7	45	(178)
SUPPORTING FAC								540
PAVEMENTS AN				LS				(200)
SECURITY MEA		~		LS				(85)
SITE IMPROVEM	1ENTS	S		LS				(75)
UTILITIES				LS				(100)
COMMUNICATION				LS				(35)
FIRE PROTECTION	ON SU	PPORT		LS				<u>(45)</u>
SUBTOTAL	2/)							1,347
CONTINGENCY (5%)								<u>67</u>
TOTAL CONTRACT COST								1,414 85
SUPERVISION, INSPECTION AND OVERHEAD (6%) TOTAL REQUEST								1,499
TOTAL REQUEST (ROUNDED)								1,500
TOTAL REQUEST ((1.001	(DDD)						1,500
					l			1

10. Description of Proposed Construction: Two reinforced concrete structures for storage and maintenance of munitions. Security fence, alarms, gates, access roads, utilities, and supporting facilities with necessary electrical, mechanical, and fire protection systems. Communications to include Intrusion Detection System (IDS) support at all storage and munitions maintenance and servicing areas.

11. REQUIREMENT: 232 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM

PROJECT: C-5 Muntions Storage Complex (New Mission)

REQUIREMENT: The 164th AW at Memphis requires a properly configured and properly sized Munitions Storage Area to support 8 (PAI) C-5 Aircraft.

<u>CURRENT SITUATION</u>: The 164th AW is relocating to another part of the Memphis IAP. The Air Force on behalf of the Air National Guard (ANG) and the Memphis-Shelby County Airport Authority (MSCAA) has signed a Land Exchange Agreement (LEA) which mandates the Airport Authority as the design and construction agent to replicate the existing ANG C-141 facilities on new land at an Airport Authority cost of \$77 million. The Air Force will return the existing 103 acres of land with the buildings occupied by the 164th AW in 2008 when relocation of the unit to this new site is completed. In return the Airport Authority has provided 118 acres of land and extended the real estate lease from 2024 to 2058 at no cost. This area is being developed as the future base for the 164th AW as they convert to C-5 aircraft (8 PAI) and is a largely unimproved area. A new munitions storage area will be required to complete relocation of the unit as planned. The storage area will allow the storage of explosive items that must be secured and segregated away from habitable buildings.

IMPACT IF NOT PROVIDED: Munitions storage will not be available at the new location. To meet the relocation schedule, munitions storage must be completed to support the 164th AW mission requirements. If not provided, alternate interim storage locations will be required which will degrade mission readiness and increase operational cost. In addition, munitions will not be readily available, adversely impacting training.

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

1. COMPONENT				2. DATE
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3. INSTALLATION		iaieu)		Teordary 2007
3. II (STALLATION)	The Booking of			
MEMPHIS INTERNA	ATIONAL AIRPORT, TENNESSEE			
5. PROJECT TITLE			7. PROJ	ECT NUMBER
C-5 MUNITIONS STO	ODACE COMDLEV		D	YKL069128
	ents have been considered in the deve	lonment of this pro		
has been coordinate	d with the Airport Authority and appr	oved by the DOD E	Explosive	Siting Board.
	uninhabited" building and meets the st			
	he mission requirements over the long			
	d. Mission requirements, operational	considerations, and	location	make for
incompatible use by	other components.			
		1.67 CM 1.00	o ar	
STORAGE IGLOO	MAINTENANCE FACILITY	167 SM = 1,800 65 SM = 700 S		
INSPECTION AND	MAINTENANCE FACILITY	03.8M = 700.8	Г	

COMPONENT FY 2008 MILITARY CONSTRUCTION PROJECT DATA					
(computer generated) ANG					
INSTALLATION .	AND LOCATION	February 2007			
IEMPHIS INTERNA	ATIONAL AIRPORT, TENNESSEE				
PROJECT TITLE		ROJECT NUMBER			
5 MUNITIONS ST	ORAGE COMPLEX	PYKL069128			
-3 MUNITIONS ST	ORAGE CONIFLEX	F1KL009128			
. SUPPLEMENT	AL DATA:				
a. Estimated Desig	gn Data:				
(1) Status:	asian Startad	APR 2006			
	esign Started tric Cost Estimates used to develop costs	No			
	Complete as of Jan 2007	70%			
* (d) Date 35		JUN 2006			
	esign Complete	MAR 2007			
	Design Contract	Standard			
(g) Energy	Study/Life-Cycle analysis was/will be performed	YES			
(2) Basis:					
	d or Definitive Design - Design Was Most Recently Used -	No			
	•				
	c) = (a) + (b) or (d) + (e):	(\$000)			
	tion of Plans and Specifications	90			
(b) All Oth (c) Total	er Design Costs	45 135			
(d) Contrac	nt .	135			
(e) In-Hou		133			
(4) Contract Av	ward (Month/Year)	FEB 2008			
(5) Construction	n Start	MAR 2008			
(6) Construction	n Completion	DEC 2008			
	completion of Project Definition with Parametric Cost Estimate whi ble to traditional 35% design to ensure valid scope and cost and exec				
h Fauinment associ	ciated with this project will be provided from other appropriations:	N/A			

POINT OF CONTACT: Lt Col Phillip Howard (301) 836-8070

							ı	
1. COMPONENT						2.	DATE	
	(computer generated)							
ANG							Fel	bruary 2007
3. INSTALLATION	AND I	LOCATION		4. I	PROJECT	TITLE		
MEMPHIS INTERNA	ATION	JAL AIRPORT, TENNES	SEE	C-5 Gl	ROUND RI	JN-UP EI	NCL	OSURE
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	MBER	8. PROJI	ECT	COST(\$000)
54119F		116-665	PYI	KL0691	33		\$3.	,200
		9. COST	ESTIMATE	ES				
						UNI	T	COST
		ITEM		U/M	QUANTIT	Y COS	T	(\$000)
GROUND RUN-UP	ENCL	OSURE		SM	4,310			2,456
GROUND RUN-U	JP EN	CLOSURE		SM	3,883	6	503	(2,341)
BLAST DEFLECT	ΓOR			SM	427	2	269	(115)
SUPPORTING FAC	ILITIE	ES						420
SITE IMPROVEM	1ENTS	S		LS				(40)
PAVEMENTS				LS				(350)
UTILITIES				LS				(30)
SUBTOTAL								2,876
CONTINGENCY (5%)								<u>144</u>
TOTAL CONTRACT COST								3,020
SUPERVISION, INSPECTION AND OVERHEAD (6%)								<u> 181</u>
TOTAL REQUEST								3,201
TOTAL REQUEST (ROUNDED)								3,200

- 10. Description of Proposed Construction: Earthwork to include top soil stripping, excavation and removal, and placement of cement treated sub base. Pavement work consists of placement of apron under drain system, anchoring system, crushed aggregate base course, concrete pavement and airfield markings; includes installation of a three-sided ground run-up enclosure with aerodynamic enhancements, with associated utilities and site improvements and blast deflectors.
- 11. REQUIREMENT: 4,311 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM PROJECT: C-5 Ground Run-up Enclosure. (New Mission)

<u>REQUIREMENT</u>: The 164th AW requires an adequately sized and properly configured noise attenuating ground run-up enclosure to support engine performance power checks for 8 PAI C-5 aircraft.

CURRENT SITUATION: The 164th AW converted from C-141 aircraft to 8 PAI C-5 aircraft and is in the process of receiving those aircraft. In addition to conversion, the 164th AW will also relocate to another part of the Memphis airfield in accordance with a Land Exchange Agreement between the Air Force and the Memphis-Shelby County Airport Authority (MSCAA). The C-5 creates a significantly greater amount of noise and creates a much larger noise pattern compared to the C-141. While the C-141 utilized a modest sound suppression system, a comparable sound suppression system does not exist for the C-5. For the C-5 a larger structure must enclose the aircraft to effectively suppress the noise. As an interim measure, maintenance personnel will be required to tow C-5 aircraft to an approved location, a deicing pad, located over two miles away from the new base location, to perform engine runs. Most C-5 engine runs require an entire day to perform. Use of the deicing pad by commercial carriers and a significant FEDEX operation limit availability and the Airport Authority will not allow the ANG to perform engine testing on the deicing apron permanently. The airport authority recently completed a noise study, evaluating all tenant's needs regarding power runs, and concluded engine runs for C-5's on the new Air National Guard Ramp within a ground run-up enclosure would be permissible. This project will allow the ANG to relocate the C-5 engine testing from the deicing apron to an area adjacent to the ramp area reducing significantly the time and distance the C-5 will have to be towed and most importantly permit engine testing in an environmentally safe manner.

<u>IMPACT IF NOT PROVIDED</u>: Without the ground run-up enclosure, C-5s must continue to be towed over two miles from the new base in order to use the airport's deicing pad for engine power checks.

1. COMPONENT		2. DATE					
	FY 2008 MILITARY CONSTRUCTION PROJECT DA	ATA					
ANG	(computer generated)	February 2007					
3. INSTALLATION	AND LOCATION						
MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE							
5. PROJECT TITLE		7. PROJECT NUMBER					
C-5 GROUND RUN-	UP ENCLOSURE	PYKL069133					
Additional manners is assumed to touche singuistic form the desire and for these arounds and the							

Additional manpower is required to tow the aircraft to/from the deicing pad for these events and the ANG continues to compete for access to the deicing pad with the other airline tenants. In addition to manpower cost, equipment costs increase as a result of wear and tear on towing vehicles, stands and other required equipment. The deicing apron may not be available to meet the ANG testing need. This will degrade operational efficiency, mission readiness and mission effectiveness.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements", UFC 3-260-01, "Airfield and Heliport Planning and Design", and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. Mission requirements, operational considerations, and location make for incompatible use by other components.

GROUND RUN-UP ENCLOSURE 3,883 SM = 41,800 SF BLAST DEFLECTOR 427 SM = 4,600 SF

COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2007
INSTALLATION	AND LOCATION	•
IEMPHIS INTERNA	ATIONAL AIRPORT, TENNESSEE	
PROJECT TITLE		PROJECT NUMBER
-5 GROUND RUN-	IP ENCLOSURE	PYKL069133
3 GROCIAD ROIV	ST ENGLOSIONE	1 1112007133
. SUPPLEMENT	AL DATA:	
a. Estimated Desig	n Data:	
(1) Status:		
	esign Started	MAY 2006
	tric Cost Estimates used to develop costs	No 70%
* (d) Date 35	Complete as of Jan 2007	AUG 2006
	esign Complete	MAY 2007
	Design Contract	Standard
	Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
(a) Standar	d or Definitive Design -	No
(b) Where	Design Was Most Recently Used -	
(3) Total Cost ((c) = (a) + (b) or (d) + (e):	(\$000)
(a) Product	ion of Plans and Specifications	192
	er Design Costs	96
(c) Total		288
(d) Contrac		288
(e) In-Hou	se se	
(4) Contract Av	ward (Month/Year)	FEB 2008
(5) Constructio	n Start	MAR 2008
(6) Constructio	n Completion	MAR 2009
	completion of Project Definition with Parametric Cost Estimate whole to traditional 35% design to ensure valid scope and cost and execute the cost of	
h Equipment associ	riated with this project will be provided from other appropriations:	N/A

POINT OF CONTACT: Lt Col Phillip Howard (301) 836-8070

1. COMPONENT		FY 2008 MILITARY CO	NSTRUCT	ON PRO	OJECT DA	TA	2.	DATE
T. COMI OTELT		(computer generated)					DITTE	
ANG				,			Fel	oruary 2007
3. INSTALLATION	AND I	LOCATION		4. I	PROJECT	TITLE		
				C-5 FU	JEL CELL	MAINTE	NAN	NCE
		LD, WEST VIRGINIA			AR AND S			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJE	CT NUN	/IBER	8. PROJE	ECT	COST(\$000)
54110E		211 170	DIA	13/0000	7.4		\$2.6	. 000
54119F		211-179	PJ	VY0090	/4		\$20	5,000
		9. COST	ESTIMAT	ES		•		
						UNI		COST
		ITEM		U/M	QUANTITY	Y COS'	Т	(\$000)
C-5 FUEL CELL HA				SM	7,497			21,711
		AREA AND SHOPS ARE	EA	SM	7,497	2,8		(21,546)
		RCE PROTECTION		SM	7,497		22	(165)
SUPPORTING FAC	ILITIE	£S		LS				1,654
UTILITIES				LS				(250)
PAVEMENTS SITE IMPROVEM	/ENITS	2		LS LS				(400) (123)
COMMUNICATION				LS				(75)
FIRE SUPPRESSI				LS				(500)
DEMOLISH /ASE				SM	1,901	1	61	(306)
SUBTOTAL					,			23,365
CONTINGENCY (5%)								1,168
TOTAL CONTRACT COST								24,533
SUPERVISION, INSPECTION AND OVERHEAD (6%)								1,472
TOTAL REQUEST								26,005
TOTAL REQUEST	(ROUI	NDED)						26,000

- 10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel-framed masonry walls, and sloped roof. Interior shop space of 325 SM, walls, fire protection and utilities including fumes extracting systems and floor drains. Exterior utilities, pavements, site improvements, communications extension and support. Demolish one building (1,901 SM). Air Conditioning: 158 KW.
- 11. REQUIREMENT: 7,497 SM ADEQUATE: 0 SM SUBSTANDARD: 1,901 SM PROJECT: C-5 Fuel Cell Maintenance Hangar and Shops (New Mission).

<u>REQUIREMENT</u>: The base requires an adequately sized and configured aircraft fuel cell maintenance hangar and shop in support of the 167th Airlift Wing's (AW) conversion to 10 PAI C-5 aircraft in 2007. Functional areas include a fully enclosed aircraft hangar, shop space and administrative areas that are directly related to the fuel cell maintenance function.

<u>CURRENT SITUATION</u>: The 167th AW currently flies 12 PAI C-130 aircraft. The base has only two aircraft maintenance spaces and both are much too small to support maintenance activities required for C-5 aircraft. The much larger C-5 cannot fit in the existing facilities. Modifications/additions are not possible since the 1,901 SM hangar is in the way of construction and must be demolished.

<u>IMPACT IF NOT PROVIDED</u>: The base will have to perform maintenance of the C-5 fuel systems at an alternative C-5 base or outdoors. Work is not possible on the apron during periods of inclement weather. Such conditions will decrease unit's ability to maintain and generate aircraft and pose a danger to the maintenance crews and possible fuel spills on the apron.

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. 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 protection is low so minimum construction standards have been applied. The existing C-130 fuel cell hangar (building 128; 1,901 SM) will be demolished as a result of this project. This facility can be

1. COMPONENT	FY 2008 MILITARY CONSTRUC	TION PROIECT DA	ТΔ	2. DATE
ANG	(computer gener		117	February 2007
3. INSTALLATION	AND LOCATION			
EWVRA-SHEPHERI	O FIELD, WEST VIRGINIA			
5. PROJECT TITLE	TILLD, WEST VINGINIA		7. PROJ	ECT NUMBER
				N I I I I I I I I I I I I I I I I I I I
	INTENANCE HANGAR AND SHOPS onents on an "as available" basis; how	ever the scope of t		PJVY009074
National Guard req	uirements.	ever, the scope of	ine projec	at is based on An
FUEL CELL HAN	GAR AREA AND SHOPS AREA	7,497 SM = 80,		
DEMOLISH /ASB	ESTOS REMOVAL	1,901 SM = 20,	462 SF	

. C	OMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
	ANG	(computer generated)	February 2007
		AND LOCATION	
ŁW V	RA-SHEPHERL) FIELD, WEST VIRGINIA	
	OJECT TITLE		ROJECT NUMBER
C-5 F	FUEL CELL MA	INTENANCE HANGAR AND SHOPS	PJVY009074
2.	SUPPLEMENT	AL DATA:	
a.	Estimated Desig	n Data:	
	(1) Status:		
		esign Started	JAN 2003
		tric Cost Estimates used to develop costs Complete as of Jan 2007	NO 100%
	* (d) Date 35		AUG 2004
		esign Complete	SEP 2006
		Design Contract	Design/Build
		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	1,300
	(b) All Oth	er Design Costs	650
	(c) Total		1,950
	(d) Contrac	zt –	1,950
	(e) In-Hous	se	
	(4) Contract Av	vard (Month/Year)	FEB 2008
	(5) Construction	n Start	MAR 2008
	(6) Construction	n Completion	SEP 2009
		completion of Project Definition with Parametric Cost Estimate while to traditional 35% design to ensure valid scope and cost and exec	
b.	Equipment assoc	iated with this project will be provided from other appropriations:	N/A

POINT OF CONTACT: Capt Walter Moddison (301) 836-7636

1 COMPONENT		EX 2000 MILITARY CO.	NOTEDLICOTI	OM DD	OTECE DA	TD A	2	DATE I
1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA					1A	2.	DATE
ANG	(computer general			ea)			Fel	oruary 2007
3. INSTALLATION AND LOCATION				4. I	PROJECT T	riti e	100	Juany 2007
3. INSTALLATION	1110	LOCATION		т. 1	ROJECT	IIILL		
EWVRA-SHEPHERD	FIEL	LD, WEST VIRGINIA		C-5 S(UADRON	OPERAT	ION	IS FACILITY
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PROJE	CT	COST(\$000)
								, ,
54119F		141-753	PJV	Y0090	77		\$7,	600
		9. COST	ESTIMATI	ES				
						UNIT		COST
		ITEM		U/M	QUANTITY	Y COST	[(\$000)
C-5 SQUADRON OF				SM	2,787			5,351
SQUADRON OPE				SM	2,295	1,92	27	(4,422)
SURVIVAL EQUI				SM	492	1,76	65	(868)
		RCE PROTECTION		SM	2,787	2	22	(61)
SUPPORTING FACI	LITIE	ES		LS				1,468
UTILITIES				LS				(325)
PAVEMENTS				LS				(295)
SITE IMPROVEM				LS				(210)
COMMUNICATION				LS				(75)
	PRO	ΓECTION MEASURES		LS				(75)
DEMOLITION				SM	3,034	10	51	<u>(488)</u>
SUBTOTAL								6,819
CONTINGENCY (5%)								341
TOTAL CONTRACT COST								7,160
SUPERVISION, INSPECTION AND OVERHEAD (6%)								430
TOTAL REQUEST (ROLDING)								7,590
TOTAL REQUEST (KOUI	NDED)						7,600

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, fire protection and communications support. Building exterior 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 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, base operations, and a transient passenger waiting area.

CURRENT SITUATION: The squadron operations 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 configured 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 detour throughout the building to obtain all essential information and equipment needed to prepare for a flying mission to include intelligence, flight briefing, life support equipment and flight 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 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 part of the C-5 conversion, the entire aircraft parking apron area has been

1. COMPONENT		2. DATE					
	FY 2008 MILITARY CONSTRUCTION PROJECT DA	ΛTA					
ANG	(computer generated)	February 2007					
3. INSTALLATION	AND LOCATION						
EWVRA-SHEPHERI	EWVRA-SHEPHERD FIELD, WEST VIRGINIA						
5. PROJECT TITLE		7. PROJECT NUMBER					
C-5 SQUADRON OP	ERATIONS FACILITY	PJVY009077					

expanded and relocated by previously-funded military construction projects. The squadron operations facility is now improperly located in relation to the new apron configuration and will be demolished. IMPACT IF NOT PROVIDED: The base is not able to support the beddown of the C-5 aircraft. Aircrew training effectiveness and efficiency will be degraded. The base will not reach full operational capability. Force protection requirements cannot be met. In-transit passengers cannot be accommodated and space reserved for the survival equipment shop cannot accommodate the larger size and quantities of equipment. Accept increased risk of poor training and possible mission failure. ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. All known alternative options were considered during the development of this project. 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. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements.

SQUADRON OPERATIONS AREA SURVIVAL EQUIPMENT SHOP AREA DEMOLITION 2,295 SM = 24,700 SF 492 SM = 5,300 SF 3,034 SM = 32,653 SF

. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2007
. INSTALLATION	AND LOCATION	
WVRA-SHEPHERI	O FIELD, WEST VIRGINIA	
PROJECT TITLE	7.	PROJECT NUMBER
-5 SQUADRON OF	ERATIONS FACILITY	PJVY009077
. SUPPLEMENT	CAL DATA.	
SOFFLEMENT	AL DATA.	
a. Estimated Desi	gn Data:	
(1) Status:		
	Design Started	DEC 2003
	etric Cost Estimates used to develop costs	No
	t Complete as of Jan 2007	100%
* (d) Date 3:		APR 2005
	esign Complete	DEC 2005 Standard
	f Design Contract Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
` '	rd or Definitive Design -	NO
	Design Was Most Recently Used -	N/A
(3) Total Cost	f(c) = f(a) + f(b) or $f(d) + f(e)$:	(\$000)
(a) Produc	tion of Plans and Specifications	430
(b) All Otl	ner Design Costs	215
(c) Total		645
(d) Contra (e) In-Hou		645
(4) Contract A	ward (Month/Year)	FEB 2008
(5) Construction	n Start	MAR 2008
(6) Construction	n Completion	MAY 2009
	completion of Project Definition with Parametric Cost Estimate whole to traditional 35% design to ensure valid scope and cost and except the cost of t	
b. Equipment asso	ciated with this project will be provided from other appropriations:	N/A

POINT OF CONTACT: Walter Moddison (301) 836-7636

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA				TΑ	2.	DATE	
ANG	(computer generated)				Fel	bruary 2007		
3. INSTALLATION	AND I	LOCATION			PROJECT '			
EWVRA-SHEPHERD	FIEL	D, WEST VIRGINIA		C-5 F UPGF	INAL INFI RADE	RASTRU	CTU.	RE
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJI	ECT NU	MBER	8. PRO.	ECT	COST(\$000)
54119F		932-000	P.	IVY0291	162		\$5.	,176
		9. COST	ESTIMA	ΓES				
ITEM				U/M	QUANTIT	UN Y CO		COST (\$000)
C-5 INFRASTRUCT	URE	UPGRADE		LS	(01111111111111111111111111111111111111			4,651
-		ND PARKING LOTS		LS				(2,200)
SITE IMPROVEM				LS				(400)
DRAINAGE IMPR SECURITY MEAS				LS LS				(1,071) (390)
UTILITIES	OUKE	S		LS				(590)
SUBTOTAL				LS				4,651
CONTINGENCY (5%)								233
TOTAL CONTRACT COST								4,884
SUPERVISION, INSPECTION AND OVERHEAD (6%)								<u>292</u>
TOTAL REQUEST								5,176

10. Description of Proposed Construction: Provide wear surface an all new roads/parking and upgrade existing roadways by removing deteriorated pavements and replacing with bituminous pavements, upgrade roads from asphaltic pavement to concrete pavement; install roadway lighting, provide necessary site improvements, install base signage and provide communication duct bank to match existing system. Provide security fencing around the aircraft parking apron. Improve the drainage system by extending the culverts and drainage ditches. Relocate the electrical system underground. Provide blast fences and noise mitigation measures. Demolish roads and pavements no longer required.

11. REQUIREMENT: As Required.

PROJECT: C-5 Infrastructure Upgrade (New Mission).

<u>REQUIREMENT</u>: The base requires properly aligned, adequately sized and serviceable vehicle pavements and other infrastructure that meet the antiterrorism force protection requirements to support 10 PAI C-5 aircraft.

CURRENT SITUATION: This is the final project of a \$200M construction effort in support of the conversion from C-130 to C-5. The roadways being provided in support of the new portion of the base have only a base course during the initial period of construction, and require a wear surface to complete the roadways. The existing vehicle pavements are misaligned and too close to existing facilities; in several cases the systems are deteriorated and not adequately sized to support the new routes that are necessary for the maintenance requirements of the C-5 aircraft. Vehicles necessary to support the C-5 aircraft are much larger and heavier than the currently assigned vehicles. The current asphaltic pavement roads cannot structurally support these vehicles and will experience accelerated deterioration. The construction effort since 2004 in this multi-project, multi-year aircraft beddown has caused damage to the roads and pavements, increasing the risk of FOD migrating to the aircraft operating surfaces. Two-way traffic on these roads is also difficult at best, resulting in an increased potential for vehicle accidents. Several roads run too close to inhabited buildings and do not meet antiterrorism force protection standards. These sections of the road will need to be relocated. The new expanded apron does not have security fencing around it.

<u>IMPACT IF NOT PROVIDED</u>: Undersized roadways increase risk of vehicular accidents. Damaged pavements continue to deteriorate, adding risk of FOD migration to aircraft operating surfaces.

ANG (computer generated) 3. INSTALLATION AND LOCATION EWVRA-SHEPHERD FIELD, WEST VIRGINIA 5. PROJECT TITLE 7. PROJECT NUMBER PIVY029162 Security measures cannot be met, adding risk to mission accomplishment and placing priority strategic airlift assets in jeopardy. ADDITIONAL: This project meets the criteria/scope specified in Air Force 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 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.	1. COMPONENT			2. DATE
3. INSTALLATION AND LOCATION EWVRA-SHEPHERD FIELD, WEST VIRGINIA 5. PROJECT TITLE 7. PROJECT NUMBER C-5 FINAL INFRASTRUCTURE UPGRADE Security measures cannot be met, adding risk to mission accomplishment and placing priority strategic airlift assets in jeopardy. ADDITIONAL: This project meets the criteria/scope specified in Air Force 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 alternative options were considered during the development of this project. No other option could meet the	1. COMI ONLIVI	FY 2008 MILITARY CONSTRUCTION PROJECT DAT	ГА	2. DATE
EWVRA-SHEPHERD FIELD, WEST VIRGINIA 5. PROJECT TITLE 7. PROJECT NUMBER C-5 FINAL INFRASTRUCTURE UPGRADE Security measures cannot be met, adding risk to mission accomplishment and placing priority strategic airlift assets in jeopardy. ADDITIONAL: This project meets the criteria/scope specified in Air Force 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 alternative options were considered during the development of this project. No other option could meet the		(computer generated)		February 2007
5. PROJECT TITLE C-5 FINAL INFRASTRUCTURE UPGRADE Security measures cannot be met, adding risk to mission accomplishment and placing priority strategic airlift assets in jeopardy. ADDITIONAL: This project meets the criteria/scope specified in Air Force 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 alternative options were considered during the development of this project. No other option could meet the	3. INSTALLATION	AND LOCATION		
5. PROJECT TITLE C-5 FINAL INFRASTRUCTURE UPGRADE Security measures cannot be met, adding risk to mission accomplishment and placing priority strategic airlift assets in jeopardy. ADDITIONAL: This project meets the criteria/scope specified in Air Force 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 alternative options were considered during the development of this project. No other option could meet the	EWVRA-SHEPHERD	FIELD, WEST VIRGINIA		
Security measures cannot be met, adding risk to mission accomplishment and placing priority strategic airlift assets in jeopardy. ADDITIONAL: This project meets the criteria/scope specified in Air Force 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 alternative options were considered during the development of this project. No other option could meet the			7. PROJE	ECT NUMBER
Security measures cannot be met, adding risk to mission accomplishment and placing priority strategic airlift assets in jeopardy. ADDITIONAL: This project meets the criteria/scope specified in Air Force 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 alternative options were considered during the development of this project. No other option could meet the	OF PRIAL PURPAGE	EDITOTINE LIDON A DE	יח	XXX020162
airlift assets in jeopardy. <u>ADDITIONAL</u> : This project meets the criteria/scope specified in Air Force 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 alternative options were considered during the development of this project. No other option could meet the				
ADDITIONAL: This project meets the criteria/scope specified in Air Force 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 alternative options were considered during the development of this project. No other option could meet the			placing	priority strategie
Protection requirements have been considered in the development of this project. All known alternative options were considered during the development of this project. No other option could meet the	ADDITIONAL: Th	is project meets the criteria/scope specified in Air Force I		
options were considered during the development of this project. No other option could meet the				
				i meet the
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. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2007
. INSTALLATION	AND LOCATION	
WVRA-SHEPHERD	FIELD, WEST VIRGINIA	
PROJECT TITLE		PROJECT NUMBER
5 FINAL INFRAST	FRUCTURE UPGRADE	PJVY029162
-5 THVAL INTRAST	ROCTORE OF GRADE	13 V 102/102
. SUPPLEMENT.	AL DATA:	
a. Estimated Desig	n Data:	
(1) Status:		4 DD 2006
	esign Started tric Cost Estimates used to develop costs	APR 2006 No
	Complete as of Jan 2007	35%
* (d) Date 35		JAN 2007
	esign Complete	SEP 2007
	Design Contract	Standard
(g) Energy	Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
	d or Definitive Design -	No
(b) Where	Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	(\$000)
(a) Product	ion of Plans and Specifications	311
	er Design Costs	155
(c) Total		466
(d) Contrac		466
(e) In-Hous	se	
(4) Contract Aw	ward (Month/Year)	FEB 2008
(5) Construction	n Start	MAR 2008
(6) Construction	n Completion	MAY 2009
	completion of Project Definition with Parametric Cost Estimate whole to traditional 35% design to ensure valid scope and cost and exe	
-	•	·
h Equipment assoc	riated with this project will be provided from other appropriations:	N/A

POINT OF CONTACT: Walter Moddison (301) 836-7636

DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2008

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313: PLANNING AND DESIGN \$7,965,000

PART I -- PURPOSE AND SCOPE

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

PART II -- JUSTIFICATION OF FUNDS REQUESTED

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

1 COMPONENT	1						Τ.	D. A. MID
1. COMPONENT		FY 2008 MILITARY CO	NCTDIICTI	ON DD		T. A	2.	DATE
ANG					OJECI DA	IA	Fo	bruary 2007
(company					PROJECT '	riti e	110	ordary 2007
3. INSTALLATION	AND.	LOCATION		т. 1	ROJLCI	IIILL		
VARIOUS LOCATIO	NS			PLAN	NING ANI	DESI	GN	
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PRO	DJECT	COST(\$000)
55296F		999-999	AA	AA0800	001		\$7	,965
		9. COST	ESTIMATI	ES				
ITEM				U/M	QUANTIT		NIT OST	COST (\$000)
PLANNING AND D	ESIG	N (P-313)		LS				7,965
SUBTOTAL								7,965
TOTAL CONTRACT	т соѕ	ST						7,965
TOTAL REQUEST								7,965
					l			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. The FY 2008 design funds are needed to complete the design for those projects that are to be included in the FY 2009 MILCON program and to begin the design for those projects to be included in the FY 2010 program. Funds also provide for design of the FY 2008 unspecified minor construction program.

<u>CURRENT SITUATION</u>: The ANG requires the design money in FY 2008 to ensure the design milestones for the FY 2009 and FY 2010 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 2008

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 341: UNSPECIFIED MINOR CONSTRUCTION \$6,500,000

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 2008 MILITARY CO			OJECT DA	ΛTA		
ANG							bruary 2007	
3. INSTALLATION	AND :	LOCATION		4. I	PROJECT '	ΓITLE		
VARIOUS LOCATIO	NS			UNSP	ECIFIED N	MINOR (CONS	TRUCTION
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PRO	JECT	COST(\$000)
55296F		999-999	AA	AA0800	002		\$6	,500
		9. COST	ESTIMAT	ES				
ITEM				U/M	QUANTIT		NIT OST	COST (\$000)
	OR C	ONSTRUCTION (P-341)		LS				6,500
SUBTOTAL								6,500
TOTAL CONTRAC	Γ COS	ST						6,500
TOTAL REQUEST								6,500
					l			1

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

<u>REQUIREMENT</u>: This program provides the means of accomplishing urgent, unforeseen projects costing over \$750,000, but not exceeding \$1,500,000. The project requirements are anticipated to arise during late FY 2008 or FY 2009, 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 2008 MILCON program and the projects cannot wait for the FY 2009 program. The requested funds are not a percent of the budget, but are based on historical trends. Routine and non-urgent projects are not funded from this account.

<u>CURRENT SITUATION</u>: As in the recent past, it is expected that the Air Force will continue to transfer missions and force structure into the ANG. These aircraft conversions and beddowns generate facility requirements that are often late-to-need using normal MILCON programming avenues. The urgency of the required projects is driven by the arrival of new aircraft and equipment, or the need to eliminate immediate health, safety or environmental requirements or personnel growth.

<u>IMPACT IF NOT PROVIDED</u>: Unable to adequately support mission conversions and beddowns. More expensive workarounds will have to be used. Formal reprogramming is the only other option available, however, funds may not be available for these reprogrammings.

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2008

SECTION III	

INSTALLATION DATA

I. COMPONEN ANG		GUARD AND RESERVE ARY CONSTRUCTION		2. DATE February 2	2007
	TION AND LOCATION	MI CONSTRUCTION		4. AREA C	ONSTR
III MAN DEC	GIONAL AIRPORT, TERRE HA	AUTE INDIANA		COST IN	
	Y AND TYPE OF UTILIZATION			.,,	,
	unit training assemblies per yea	r, 15 days annual field training	per year, dai	ly use by tech	nnician/AC
orce and for tra	ınıng.				
OTHED AC	ΓΙVE/GUARD/RESERVE INST	'ALLATIONS WITHIN 15 MI	I ES DADIII	C	
One Marine Cor	rps Reserve Center - 4 miles; Thr				rve Center
0 miles					
	REQUESTED IN THIS PROGR	AM: FY 2008			
CATEGORY <u>CODE</u>	PROJECT TITLE		COST \$(000)	<u>DESIGN</u> <u>START</u>	STATUS CMPL
CODE	TROJECT TITEL	<u>SCOLE</u>	<u>φ(000)</u>	START	<u>CMI L</u>
	igital Ground Station (DGS) Beddown	3,094 SM (33,300 SF)	7,700	Jul 06	Aug 07
	Deddowii				
. STATE RES	ERVE FORCES FACILITIES B	OARD RECOMMENDATION	N.		
	ERVE FORCES FACILITIES B			ard for possibl	le ioint
acilities identif	fied in item 6 have been examine	d by the State Reserve Forces l	Facilities Boa		le joint
acilities identif		d by the State Reserve Forces l	Facilities Boa	11 Apr 06	le joint
acilities identif	fied in item 6 have been examine	d by the State Reserve Forces l	Facilities Boa		le joint
acilities identif	fied in item 6 have been examine	d by the State Reserve Forces l	Facilities Boa	11 Apr 06	e joint
acilities identif se/expansion.	Tied in item 6 have been examine The Board recommendations are	d by the State Reserve Forces l	Facilities Boa	11 Apr 06 (Date)	le joint
acilities identif	fied in item 6 have been examine	d by the State Reserve Forces l	Facilities Boaroved	11 Apr 06 (Date)	
Pacilities identifiese/expansion.	Tied in item 6 have been examine The Board recommendations are UISITION REQUIRED	d by the State Reserve Forces I : Unilateral Construction Appr	Facilities Boaroved	11 Apr 06 (Date)	
Pacilities identifiese/expansion. LAND ACQ PROJECTS	Tied in item 6 have been examine The Board recommendations are	d by the State Reserve Forces I : Unilateral Construction Appr	Facilities Boaroved	11 Apr 06 (Date)	- s)
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acilities identifies se/expansion. LAND ACQ ROJECTS CATEGORY CODE 71-447	Tied in item 6 have been examine The Board recommendations are UISITION REQUIRED PLANNED IN NEXT FOUR Y PROJECT TITLE Air Support Operations Squadror	d by the State Reserve Forces I : Unilateral Construction Approximately EARS (ASOS) Beddown	Facilities Boaroved (Nu	None Imber of Acre	COST \$(000)
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acilities identifies e/expansion. LAND ACQ ROJECTS CATEGORY CODE 71-447	Tied in item 6 have been examine The Board recommendations are UISITION REQUIRED PLANNED IN NEXT FOUR Y PROJECT TITLE Air Support Operations Squadror	d by the State Reserve Forces I : Unilateral Construction Approximately EARS (ASOS) Beddown	Facilities Boaroved (Nu	None Imber of Acre	COST \$(000)
acilities identifies e/expansion. LAND ACQ ROJECTS CATEGORY CODE 71-447	Tied in item 6 have been examine The Board recommendations are UISITION REQUIRED PLANNED IN NEXT FOUR Y PROJECT TITLE Air Support Operations Squadror	d by the State Reserve Forces I : Unilateral Construction Approximately EARS (ASOS) Beddown	Facilities Boaroved (Nu	None Imber of Acre	COST \$(000)

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ANG . INSTALLATIO	N AND L		MILITARY C	ONSTRUCTIO	N	Februar	ry 2007
INSTALLATIO	N AND L	JCATION					
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1. PERSONNEL	STRENG	TH AS OF 2	28 Jul 06				
		DED	A CANTENIE		C)	UADD DEGED	
	TOTAL		MANENT ENLISTED	CIVILIAN	TOTAL	<u>UARD/RESER`</u> <u>OFFICER</u> <u>E</u> I	
UTHORIZED	366	30	336	0	1,025	119	906
CTUAL	282	20	262	0	990	102	888
2. RESERVE UN	IIT DATA						
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IINIT DE	SIGNATIO)N			AUTHORIZE	TRENGTH D ACTI	IAI.
	er Squadro				41	<u>ACT</u> 3'	
113 Weat					15	10	
		ion Squadro	on		160	13:	5
		g Squadron			93	10	
	nunication	Flight			42	4'	
181 Fight					48	4:	
	tics Group				21 93	19	
	tics Squad tics Suppo				93 31	9: 20	
181 MED		it i fight			55	50	
	tenance Sq	uadron			212	180	
	on Support				23	2	
	tions Grou				3	:	3
	tions Supp				26	2	
	ity Forces	Squadron			73	92	
181 Suppo					8		7
181 Stude					5 33		0
181 Servi 207 Weat					33 14	3	
HQ INAN	_				<u> 29</u>		
110 11 111			TOTALS	\mathbf{S}	1,025	990	
					, -		
3. MAJOR EQU	IPMENT A	ND AIRCE	RAFT				
	<u>YPE</u>			<u>AUTH</u> 0	<u>ORIZED</u>	<u>ASSIGNED</u>	
-16 Aircraft					15	17	
upport Equipmen					207 366	207 365	
ehicle Equivalent							

DD FORM	1390s,	1	DEC 76

CATEGORY

CODE

NONE

SCOPE

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2008

PROJECT TITLE

CST

\$(000)

DESIGN STATUS

START CMPL

1. COMPONENT	EV 2008 CI	IADD AND DECEDVE		2. DATE	1	
	. COMPONENT FY 2008 GUARD AND RESERVE MILITARY CONSTRUCTION					
	N AND LOCATION	1 CONSTRUCTION		February 2007 4. AREA CONSTR		
5. INSTALLATION	N AND LOCATION			COST INDEX		
CAMPREALIREG	ARD TRAINING SITE, PINE	WILE LOUISIANA		.94		
	AND TYPE OF UTILIZATION			.,,		
	ssemblies per month, 15 days an		ar daily use by te	echnician/AGR force		
and for training.	ssemones per month, 15 days an	muai neia training per yea	ar, darry use by te	emmeran/11GIC force		
and for training.						
6 OTHER ACTIV	E/GUARD/RESERVE INSTAI	I ATIONS WITHIN 15 N	MILES BADILIS			
	aard Post, 1 Army Reserve facil					
1 miny radional of	sard 1 ost, 1 7 mily Reserve facil	ity, 5 miny manonai Gaa	id / Hillories			
7 DDOJECTS DEC	NUESTED IN THIS DOOD AN	1. EV 2000				
CATEGORY	UESTED IN THIS PROGRAM	VI: FI 2008	COST	DESIGN STATU	c	
<u>CODE</u>	PROJECT TITLE	SCOPE	\$(000)	START CMP	_	
CODE	TROJECT TITLE	<u>SCOLE</u>	<u>Φ(000)</u>	START CMI	╘	
214-428 Upgra	de Air Support Operations	1,322 SM (14,230 S	F) 1,800	May 06 Aug ()7	
	adron (ASOS) Facility	-,	-, -,			
1.						
8. STATE RESERV	VE FORCES FACILITIES BOA	ARD RECOMMENDATI	ON			
Facilities identified	in item 6 have been examined b	y the State Reserve Force	es Facilities Board	d for possible joint		
use/expansion. The	Board recommendations are: U	Jnilateral Construction Ap	pproved 14	4 Dec 04		
				(Date)		
9. LAND ACQUIS	ITION REQUIRED			None		
			(Nun	iber of Acres)		
10. PROJECTS PL	ANNED IN NEXT FOUR YEA	ARS				
CATEGORY				COST		
<u>CODE</u>	PROJECT TITLE		SCOE	<u>\$(000)</u>		
R&N	M Unfunded Requirement: \$2,0	001 900				
Reci	Tomanaea Requirement: \$2,0	,01,500				

1. COMPONENT	FV 2009	8 GUARD AND RESER	VF	2. DATE
ANG		TARY CONSTRUCTION		February 2007
3. INSTALLATION	N AND LOCATION			<u> </u>
CAMD DEALIDECA	ARD TRAINING SITE, PI	NEVILLE LOUISIANA		
	STRENGTH AS OF 11 Au		1	
		5 ~~		
<u>-</u>	PERMAN			D/RESERVE
AUTHORIZED	FOTAL OFFICER ENL 13 2	<u>ISTED</u> <u>CIVILIAN</u> 11 0	TOTAL OF	FICER ENLISTED 16 57
ACTUAL	13 2	11 0	65	10 55
12. RESERVE UNI	IT DATA			
			STDE	NGTH
UNIT DES	<u>IGNATION</u>		AUTHORIZED	ACTUAL
	pport Operations Squadron		73	65
		ΓΟΤALS	73	65
13. MAJOR EQUIF	PMENT AND AIRCRAFT			
	ZDE	. * *****	DIGED 4.22	CIONED
Support Equipment	<u>YPE</u>	AUTHO	<u>PRIZED</u> <u>ASS</u> 75	SIGNED 75
Vehicle Equivalence			75 71	75 71
Vehicles	-		75	75
	G POLLUTION AND SAF	ETY(OSHA) DEFICIEN		DEGION OF AFRIC
CATEGORY CODE	PROJECT TITLE	<u>SCOPE</u>	CST \$(000)	DESIGN STATUS START CMPL
CODE	I NOJECT TITLE	SCOFE	<u>Φ(UUU)</u>	SIAKI CWIFL
NONE				

		08 GUARD AND RESERVE		2. DATE
ANG		ITARY CONSTRUCTION		February 2007
3. INSTALLA	TION AND LOCATION			4. AREA CONSTR COST INDEX
OTIS ANG BA	ASE, FALMOUTH, MASSAC	HUSETTS		1.15
	CY AND TYPE OF UTILIZAT			<u> </u>
	ly assemblies per year, 15 days support of day-to-day mission a		daily use by active	e duty reservists and
	CTIVE/GUARD/RESERVE IN oast Guard, 1 Coast Guard Reso acility			Active Air Force and
	REQUESTED IN THIS PROC	GRAM: FY 2008		Proven em
CATEGORY CODE	PROJECT TITLE	<u>SCOPE</u>	COST \$(000)	DESIGN STATUS START CMPL
CODE	THOUSET TITLE	<u>5501 L</u>	4(000)	ZIIIII CIVII L
171-447 Г	Digital Ground Station (DGS) Ion Beddown		1,800	Aug 06 Dec 07
Facilities ident	SERVE FORCES FACILITIES ified in item 6 have been examing The Board recommendations and the second sec	ined by the State Reserve Force	es Facilities Board pproved 18	Nov 05
Facilities ident use/expansion.	ified in item 6 have been exami The Board recommendations a	ined by the State Reserve Force	es Facilities Board pproved 18	Nov 05 Date)
Facilities ident use/expansion.	ified in item 6 have been examing The Board recommendations and the Board recommendations are guissition requires the property of the property	ined by the State Reserve Force are: Unilateral Construction A	es Facilities Board pproved 18 (Nov 05
Facilities ident use/expansion. 9. LAND ACO 10. PROJECT	ified in item 6 have been exami The Board recommendations a	ined by the State Reserve Force are: Unilateral Construction A	es Facilities Board pproved 18 (Nov 05 Date) None ber of Acres)
Facilities ident use/expansion. Hand According Project	ified in item 6 have been examing The Board recommendations and the Board recommendations are guissition requires the property of the property	ined by the State Reserve Force are: Unilateral Construction A	es Facilities Board pproved 18 (Nov 05 Date) None ber of Acres)
Facilities ident use/expansion. 9. LAND ACC 10. PROJECT CATEGORY CODE	ified in item 6 have been examinations at the Board recommendations at the Board recommendation at the Board rec	ined by the State Reserve Force are: Unilateral Construction A	es Facilities Board pproved 18 (Nov 05 Date) None ber of Acres) COST E \$(000)
Facilities ident use/expansion. 9. LAND ACC 10. PROJECT CATEGORY	ified in item 6 have been examing The Board recommendations at the Board recommendation at the Board recommendat	ined by the State Reserve Force are: Unilateral Construction A	es Facilities Board pproved 18 ((((Numl SCOP)	Nov 05 Date) None ber of Acres) COST E \$(000)

. COMPONENT	FY 2008 GUARD A	ND RESERVE	2. DATE
ANG	MILITARY CONS		February 2007
. INSTALLATION AND			
OTIS ANG BASE, FALMO	OUTH, MASSACHUSETTS		
1. PERSONNEL STRENG	GTH AS OF 01 Aug 05		
			HADD DEGEDAGE
TOTAL	PERMANENT		UARD/RESERVE OFFICER ENLISTED
AUTHORIZED 251	OFFICER ENLISTED CIV 17 234	0 1,221	125 1,096
ACTUAL 294		0 1,081	117 964
icronic 271	1, 2,,	0 1,001	117 701
2. RESERVE UNIT DAT	A		
			STRENGTH
UNIT DESIGNAT		<u>AUTHORIZE</u>	
101 Fighter Squad		38	34
102 Aircraft Gener		161	131
102 Civil Engineer		99 50	94
102 Communication	on Flight	50	42 56
102 Fighter Wing 102 Logistics Grou	ın.	60 19	56 18
102 Logistics Squa		111	96
102 Logistics Supp		33	22
102 Medical Opera		6	2
102 Medical Squad		62	52
102 Mission Suppo		32	35
102 MXS		196	161
102 Operations Gro		3	4
102 Operations Sup		20	20
102 Security Force	s Squadron	86	85
102 SPTG		5	5
102 Services Fligh		20	22
202 Weather Fligh 253 Combat Comn		18 39	21 42
253 CCGOL	lunications Group	35	14
	nunications Squadron	128	125
207 Combat Comi	TOTALS	$\frac{128}{1,221}$	1,081
		,	7
3. MAJOR EQUIPMENT	AND AIRCRAFT		
TVDE		AUTHODIZED	ACCICNED
<u>TYPE</u> CE Support Equipment		AUTHORIZED	ASSIGNED
AGE Support Equipment F-15 Aircraft		279 15	279 18
Jumber of Vehicles		688	696
turnos or venicles		000	0/0

PROJECT TITLE

CATEGORY

CODE

NONE

SCOPE

START

DESIGN STATUS

CMPL

CST

\$(000)

1. COMPONENT	FY 2008 GU	ARD AND RESERVE		2. DATE	
ANG		Y CONSTRUCTION		February 2	
3. INSTALLATION	AND LOCATION			4. AREA C	
FT INDIANTOWN	GAP ANG STATION, ANNV	ILLE. PENNSYLVANIA		1.0	
	ND TYPE OF UTILIZATION	,			
	emblies per year, 15 days annua				
	reeks of class instruction conduction Force Schol (LFA). Various				School
(KEO15) and Light	ing Poice Schol (LPA). Vallot	is other classes through the	Kegionai 11a	uning Site.	
	E/GUARD/RESERVE INSTAL		LES RADIU	S	
l Army Reserve Cer	ter and 1 Air National Guard U	nit			
	UESTED IN THIS PROGRAM		G O G TT	PEGIGN	GT 1 TT 1G
CATEGORY <u>CODE</u>	PROJECT TITLE		COST \$(000)	<u>DESIGN</u> <u>START</u>	STATUS CMPL
CODE	FROJECT TITLE	SCOFE	<u>\$(000)</u>	SIAKI	CMFL
	pport Operations Squadron	3,217 SM (34,625 SF)	6,400	Mar 06	Aug 07
(AS	OS) Beddown				
8. STATE RESERV	'E FORCES FACILITIES BOA	RD RECOMMENDATION	N		
Facilities identified i	n item 6 have been examined by	y the State Reserve Forces l	Facilities Boa	urd for possibl	e joint
Facilities identified i		y the State Reserve Forces l	Facilities Boa	24 Aug 06	e joint
Facilities identified i	n item 6 have been examined by	y the State Reserve Forces l	Facilities Boa		e joint
Facilities identified i	n item 6 have been examined by	y the State Reserve Forces l	Facilities Boa	24 Aug 06	e joint
Facilities identified i	n item 6 have been examined by	y the State Reserve Forces l	Facilities Boa	24 Aug 06	e joint
Facilities identified in use/expansion. The	n item 6 have been examined by Board recommendations are: U	y the State Reserve Forces l	Facilities Boa	24 Aug 06 (Date)	e joint
Facilities identified i use/expansion. The	n item 6 have been examined by Board recommendations are: U	y the State Reserve Forces l	Facilities Boa	24 Aug 06	-
Facilities identified i use/expansion. The December 2015 Inc. LAND ACQUIST 10. PROJECTS PLA	n item 6 have been examined by Board recommendations are: U	y the State Reserve Forces I Inilateral Construction Appr	Facilities Boa	24 Aug 06 (Date)	- - s)
Facilities identified i use/expansion. The use/expansion. The P. LAND ACQUIST TO PROJECTS PLACATEGORY	n item 6 have been examined by Board recommendations are: U TION REQUIRED ANNED IN NEXT FOUR YEA	y the State Reserve Forces I Inilateral Construction Appr	Facilities Boaroved (Nu	24 Aug 06 (Date) None mber of Acres	s) COST
Facilities identified in itse/expansion. The D. LAND ACQUIST	n item 6 have been examined by Board recommendations are: U	y the State Reserve Forces I Inilateral Construction Appr	Facilities Boa	24 Aug 06 (Date) None mber of Acres	- s)
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Facilities identified in itse/expansion. The Discontinuous Code of the Italian Code of	n item 6 have been examined by Board recommendations are: U TION REQUIRED ANNED IN NEXT FOUR YEA PROJECT TITLE	y the State Reserve Forces I Inilateral Construction Approach	Facilities Boaroved (Nu	24 Aug 06 (Date) None mber of Acres	cost
Facilities identified in itse/expansion. The D. LAND ACQUISTO. PROJECTS PLACATEGORY CODE	n item 6 have been examined by Board recommendations are: U TION REQUIRED ANNED IN NEXT FOUR YEA PROJECT TITLE	y the State Reserve Forces I Inilateral Construction Approach	Facilities Boaroved (Nu	24 Aug 06 (Date) None mber of Acres	cost
Facilities identified in the lase/expansion. T	n item 6 have been examined by Board recommendations are: U TION REQUIRED ANNED IN NEXT FOUR YEA PROJECT TITLE	y the State Reserve Forces I Inilateral Construction Approach	Facilities Boaroved (Nu	24 Aug 06 (Date) None mber of Acres	s) COST
Facilities identified in the lase/expansion. T	n item 6 have been examined by Board recommendations are: U TION REQUIRED ANNED IN NEXT FOUR YEA PROJECT TITLE	y the State Reserve Forces I Inilateral Construction Approach	Facilities Boaroved (Nu	24 Aug 06 (Date) None mber of Acres	s) COST
Facilities identified in itse/expansion. The Discussion of the Itself of	n item 6 have been examined by Board recommendations are: U TION REQUIRED ANNED IN NEXT FOUR YEA PROJECT TITLE	y the State Reserve Forces I Inilateral Construction Approach	Facilities Boaroved (Nu	24 Aug 06 (Date) None mber of Acres	s) COST
Facilities identified in itse/expansion. The Discourse of the Discourse of the Item of	n item 6 have been examined by Board recommendations are: U TION REQUIRED ANNED IN NEXT FOUR YEA PROJECT TITLE	y the State Reserve Forces I Inilateral Construction Approach	Facilities Boaroved (Nu	24 Aug 06 (Date) None mber of Acres	cost
Facilities identified in itse/expansion. The Discontinuous Code of the Italian Code of	n item 6 have been examined by Board recommendations are: U TION REQUIRED ANNED IN NEXT FOUR YEA PROJECT TITLE	y the State Reserve Forces I Inilateral Construction Approach	Facilities Boaroved (Nu	24 Aug 06 (Date) None mber of Acres	cost
Facilities identified in itse/expansion. The Discontinuous Code of the Italian Code of	n item 6 have been examined by Board recommendations are: U TION REQUIRED ANNED IN NEXT FOUR YEA PROJECT TITLE	y the State Reserve Forces I Inilateral Construction Approach	Facilities Boaroved (Nu	24 Aug 06 (Date) None mber of Acres	s) COST

1. COMPONENT			008 GUARD A			2. DAT	
ANG	MILITARY CONSTRUCTION February 2		y 2007				
3. INSTALLATIO	ON AND LOC	CATION					
FT INDIANTOW	N GAP ANG	STATION	ANNVILLE				
11. PERSONNEL							
		DEDM	ANIENIE		CHA	DD/DEGEDA	W.
	TOTAL		ANENT			RD/RESERV	
AUTHORIZED	TOTAL OI	<u> </u>	NLISTED CI 84	0	<u>TOTAL</u> <u>O</u>	FFICER EN	523
ACTUAL	77	10	67	0	492	27	465
ACTUAL	7 7	10	07	U	492	21	403
12. RESERVE UI	NIT DATA						
12. RESERVE OF	WI D/11/1						
						ENGTH	
	ESIGNATION	•			<u>AUTHORIZED</u>	<u>ACTU</u>	
111 LFS					5	5	
111 REO	TS				13	12	
111 RTS					13	9	
	upport Operat		on		10	11	
	onal Support C				2	2	
	Horse Squadro	on			209	173	
	her Flight				15	16	
	neering Install				121	104	
	bat Communic	cations Squa	dron		132	123	
533 Air F	orce Band		TOT 1 C		<u>36</u>	37	
			TOTALS		556	492	L

13.	MAJOR	EQUIPMENT	AND	AIRCRAFT

TYPE AUTHORIZED ASSIGNED
Vehicles 285 278

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2008

CATEGORY
CODE PROJECT TITLE

CST
DESIGN STATUS
(000)
START CMPL

NONE

1. COMPONENT		RD AND RESERVE	1	2. DATE	2007
ANG	ON AND LOCATION	CONSTRUCTION		February 2	
. INSTALLATI	ON AND LOCATION			COST IN	
MCGHEE TYSO	N IAP, KNOXVILLE, TENNESSE	ŒΕ		.85	5
	AND TYPE OF UTILIZATION				
	assemblies per month, 15 days annu	ial field training per	year, daily use by	y technician/A	GR force
nd for training.					
	VE/GUARD/RESERVE INSTALL				
	nal Guard Armories, one Army Avia	tion Support Facility	, one Army Rese	erve Unit, one l	Marine
lorps Reserve Ui	nit and one Navy Reserve Unit				
. PROJECTS R	EQUESTED IN THIS PROGRAM:	FY 2008			
CATEGORY			COST		<u>STATUS</u>
<u>CODE</u>	PROJECT TITLE	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>
351-147 MII	LSTAR Beddown- Relocate Base	13,378 SM (16,00	00 SY) 3 200	Jul 06	Aug 07
	access Road	13,370 5111 (10,00	0.51) 3,200	341 00	riug 07
O STATE DESE	DVE EODCES EACH ITIES DOAD	OD DECOMMENDA	TION		
	RVE FORCES FACILITIES BOAR			pard for possible	le joint
Facilities identifie	ed in item 6 have been examined by	the State Reserve Fo	rces Facilities Bo		le joint
acilities identific		the State Reserve Fo	rces Facilities Bo	18 Jan 06	le joint
acilities identific	ed in item 6 have been examined by	the State Reserve Fo	rces Facilities Bo		le joint
acilities identific	ed in item 6 have been examined by	the State Reserve Fo	rces Facilities Bo	18 Jan 06	le joint
Facilities identific ise/expansion. T	ed in item 6 have been examined by he Board recommendations are: Un	the State Reserve Fo	rces Facilities Bo	18 Jan 06	le joint
acilities identific se/expansion. T	ed in item 6 have been examined by	the State Reserve Fo	rces Facilities Bo Approved	18 Jan 06 (Date)	
Facilities identification Tuse/expansion. Tuse/expansion. Tuse/expansion. Tuse/expansion.	ed in item 6 have been examined by the Board recommendations are: Un	the State Reserve Fo ilateral Construction	rces Facilities Bo Approved	18 Jan 06 (Date)	
Facilities identification in the property of the property of the projects in the project in the	ed in item 6 have been examined by he Board recommendations are: Un	the State Reserve Fo ilateral Construction	rces Facilities Bo Approved	18 Jan 06 (Date)	es)
Facilities identification. To the control of the co	ed in item 6 have been examined by the Board recommendations are: Under the Board recommendation are the Board recommendation arecommendation are the Board recommendation are the Board recommen	the State Reserve Fo ilateral Construction	rces Facilities Bo Approved	18 Jan 06 (Date) 5 Jumber of Acre	- es) COST
Pacilities identificated in the selexpansion. To be a considered in the selection of the se	ed in item 6 have been examined by the Board recommendations are: Un	the State Reserve Fo ilateral Construction	rces Facilities Bo Approved	18 Jan 06 (Date)	es)
Pacilities identificated as a contract of the	ed in item 6 have been examined by the Board recommendations are: University of the Board recommendation are the Board recommendati	the State Reserve Fo ilateral Construction	rces Facilities Bo Approved (N	18 Jan 06 (Date) 5 Jumber of Acre	- es) COST \$(000)
acilities identifications of the selexpansion. To the selexpansion of the selection of the	ed in item 6 have been examined by the Board recommendations are: Under the Board recommendation are the Board recommendation arecommendation are the Board recommendation are the Board recommen	the State Reserve Fo ilateral Construction	rces Facilities Bo Approved (N	18 Jan 06 (Date) 5 Jumber of Acre	- es) COST \$(000)
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acilities identificated see a control of the contro	ed in item 6 have been examined by the Board recommendations are: University of the Board recommendation are the Board recommendati	the State Reserve Fo ilateral Construction S S Sydrant System	rces Facilities Bo Approved (N	18 Jan 06 (Date) 5 Jumber of Acre	- es) COST \$(000)
acilities identificated see a control of the contro	ed in item 6 have been examined by the Board recommendations are: Under the Board recommendation are: Under	the State Reserve Fo ilateral Construction S S Sydrant System	rces Facilities Bo Approved (N	18 Jan 06 (Date) 5 Jumber of Acre	- es) COST \$(000)
C. LAND ACQU O. PROJECTS I CATEGORY CODE 13-321 B1	ed in item 6 have been examined by the Board recommendations are: Under the Board recommendation are: Under	the State Reserve Fo ilateral Construction S S Sydrant System	rces Facilities Bo Approved (N	18 Jan 06 (Date) 5 Jumber of Acre	- es) COST \$(000)
C. LAND ACQU O. PROJECTS I CATEGORY CODE 13-321 B1	ed in item 6 have been examined by the Board recommendations are: Under the Board recommendation are: Under	the State Reserve Fo ilateral Construction S S Sydrant System	rces Facilities Bo Approved (N	18 Jan 06 (Date) 5 Jumber of Acre	- es) COST \$(000)
acilities identificated see a control of the contro	ed in item 6 have been examined by the Board recommendations are: Under the Board recommendation are: Under	the State Reserve Fo ilateral Construction S S Sydrant System	rces Facilities Bo Approved (N	18 Jan 06 (Date) 5 Jumber of Acre	- es) COST \$(000)
acilities identificated acilities identificated acilities identificated acidities identificated acidities acidities identificated acidities acidit	ed in item 6 have been examined by the Board recommendations are: Under the Board recommendation are: Under	the State Reserve Fo ilateral Construction S S Sydrant System	rces Facilities Bo Approved (N	18 Jan 06 (Date) 5 Jumber of Acre	- es) COST \$(000)
acilities identificate se/expansion. To	ed in item 6 have been examined by the Board recommendations are: Under the Board recommendation are: Under	the State Reserve Fo ilateral Construction S S Sydrant System	rces Facilities Bo Approved (N	18 Jan 06 (Date) 5 Jumber of Acre	- es) COST \$(000)
Gacilities identification. To the see/expansion. To the see/expans	ed in item 6 have been examined by the Board recommendations are: Under the Board recommendation are: Under	the State Reserve Fo ilateral Construction S S Sydrant System	rces Facilities Bo Approved (N	18 Jan 06 (Date) 5 Jumber of Acre	- es) COST \$(000)

1 COMPONENT	EV 2009 CHARD AND DECEDVE	4 D + FFE
1. COMPONENT	FY 2008 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2007

3. INSTALLATION AND LOCATION

MCGHEE TYSON IAP, KNOXVILLE, TENNESSEE

11. PERSONNEL STRENGTH AS OF 31 Jul 06

		PER	RMANENT			GUARD/RE	SERVE
	TOTAL	OFFICER	ENLISTED	<u>CIVILIAN</u>	<u>TOTA</u>	AL OFFICE	R ENLISTED
AUTHORIZED	333	36	297	0	1,0	61 136	925
ACTUAL	333	36	297	0	1,0	91 143	948

12. RESERVE UNIT DATA

	STRE	NGTH
UNIT DESIGNATION	<u>AUTHORIZED</u>	ACTUAL
134 AMS	67	67
134 Air Refueling Wing	52	60
134 Civil Engineering Squadron	95	109
134 Communication Flight	46	48
134 Logistics Group	11	9
134 LRS	101	105
134 MEDG	71	74
134 MOF	24	20
134 Maintenance Squadron	173	178
134 Mission Support Flight	23	23
134 MSG	8	11
134 Operations Group	6	5
134 Operations Support Flight	25	31
134 Security Forces Squadron	73	73
134 Services Flight	46	49
151 Air Refueling Squadron	75	71
228 Combat Communications Squadron	129	117
572 Air Force Band	<u>36</u>	<u>41</u>
TOTALS	1,061	1,091

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	ASSIGNED
KC-135 Aircraft	12	21
Support Equipment	261	261
Vehicle	136	131
Vehicle Equivalents	387	387

14
OUTSTA
ANDING PO
LLUTION
AND SAFETY(
OSHA) DEFICIENCIES FY 200
2(

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

NONE

1. COMPONENT	FY 2008 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2007
3. INSTALLATION	N AND LOCATION	4. AREA CONSTR
		COST INDEX
MEMPHIS INTERI	NATIONAL AIRPORT, MEMPHIS, TENNESSEE	.90
5 EDEOLIENCY A	ND TYPE OF UTILIZATION	

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. PROJECTS REQUESTED IN THIS PROGRAM: FY 200	8
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CATEGORY	Y		COST	<u>DESIGN S</u>	STATUS
CODE	PROJECT TITLE		\$(000)	<u>START</u>	CMPL
812-225	C-5 Final Infrastructure Support	LS (LS)	6,676	Dec 05	May 07
422-264	C-5 Munitions Storage Complex	232 SM (2,500 SF)	1,500	Apr 06	Mar 07
116-665	C-5 Ground Run-up Enclosure	4,310 SM (46,400 SF)	3,200	May 06	May 07

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 20 Jan 06 (Date)

9. LAND ACQUISITION REQUIRED	None None
	(Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY COST CODE PROJECT TITLE SCOPE \$(000)

R&M Unfunded Requirement: \$800,000

1. COMPONENT	FY 2008 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2007

3. INSTALLATION AND LOCATION

MEMPHIS INTERNATIONAL AIRPORT, MEMPHIS, TENNESSEE

11. PERSONNEL STRENGTH AS OF 01 Aug 06

		PER	RMANENT		G	UARD/RESI	ERVE
	TOTAL	OFFICER	ENLISTED	<u>CIVILIAN</u>	<u>TOTAL</u>	OFFICER	ENLISTED
AUTHORIZED	441	26	411	4	1,180	126	1,054
ACTUAL	404	25	375	4	976	116	860

12. RESERVE UNIT DATA

	STRE	NGTH
<u>UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
155 Airlift Squadron	133	105
164 AMS	93	74
164 Aerial Port Squadron	99	85
164 Airlift Wing	52	51
164 Civil Engineering Squadron	93	82
164 Communication Flight	43	40
164 Logistics Group	16	8
164 LRS	112	99
164 MEDS	72	59
164 MOF	30	18
164 Maintenance Squadron	276	207
164 Mission Support Flight	25	26
164 MSG	9	9
164 Operations Group	6	5
164 Operations Support Flight	20	23
164 Security Forces Squadron	73	64
164 Student Flight	8	1
164 Services Flight	<u>20</u>	20
TOTALS	1,180	976

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	ASSIGNED
C-5 Aircraft	8	4
Support Equipment	162	158
Vehicle Equivalents	358	350
Vehicles	122	107

1.4	OUTTOT AND INC DOLL	LITION AND CAPETY/OCI	IA) DEFICIENCIES EV 2000
14	- OUTSTANDING POLI	JULION AND SAFELY(OSE	IA) DEFICIENCIES FY 2008

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

NONE

		ARD AND RESERVE		2. DATE	
ANG		CONSTRUCTION		February 20	
3. INSTALLATIC	ON AND LOCATION			4. AREA CO	
EWVRA-SHEPHE	ERD FIELD, MARTINSBURG, W	VEST VIRGINIA		.95	DLA
	AND TYPE OF UTILIZATION			1	
•	ssemblies per year, 15 days annual	field training per year, da	ily use by tech	nician/AGR f	force and
for training.					
	VE/GUARD/RESERVE INSTALL		ILES RADIUS	5	
15/th ARNG, Mar	tinsburg, Army Reserve Training (Jenter, Martinsburg			
	QUESTED IN THIS PROGRAM:		COUT	DEGLON	
CATEGORY <u>CODE</u>	PROJECT TITLE		COST \$(000)	<u>DESIGN S</u> <u>START</u>	CMPL
CODE	TROJECT TITLE	SCOLE	<u>ψ(000)</u>	START	<u>CIVII L</u>
211-179 C-5 I	Fuel Cell Mx Hangar and Shops	7,497 SM (80,700 SF)	26,000	Jul 04	Nov 07
	Squadron Operations Facility	2,787 SM (30,000 SF)		Dec 03	Dec 05
932-000 C-5	Final Infrastructure Upgrade	LS (LS)	5,176	Apr 06	Sep 07
8. STATE RESER	RVE FORCES FACILITIES BOAR	RD RECOMMENDATIO	N		
Facilities identified	d in item 6 have been examined by	the State Reserve Forces	Facilities Boar		e joint
Facilities identified		the State Reserve Forces	Facilities Boar	5 May 06	e joint
Facilities identified	d in item 6 have been examined by	the State Reserve Forces	Facilities Boar		e joint
Facilities identified	d in item 6 have been examined by	the State Reserve Forces	Facilities Boar	5 May 06	e joint
Facilities identified	d in item 6 have been examined by	the State Reserve Forces	Facilities Boar	5 May 06	e joint
Facilities identified ise/expansion. Th	d in item 6 have been examined by	the State Reserve Forces	Facilities Boar	5 May 06	e joint
Facilities identified use/expansion. The	d in item 6 have been examined by e Board recommendations are: Un	the State Reserve Forces nilateral Construction App	Facilities Boar roved 2	5 May 06 (Date)	
Facilities identified use/expansion. The Projects Plant 10. Projects P	d in item 6 have been examined by e Board recommendations are: Un	the State Reserve Forces nilateral Construction App	Facilities Boar roved 2	5 May 06 (Date))
Facilities identified use/expansion. The Projects Plant of the Pro	d in item 6 have been examined by the Board recommendations are: Under the Board recommendation are under	the State Reserve Forces nilateral Construction App	Facilities Boar roved 2	5 May 06 (Date) None mber of Acres) COST
Facilities identified use/expansion. The Projects Plant 10. Projects P	d in item 6 have been examined by e Board recommendations are: Un	the State Reserve Forces nilateral Construction App	Facilities Boar roved 2	5 May 06 (Date) None mber of Acres)
Facilities identified use/expansion. The projects Plant of the projects of the project of the proje	I in item 6 have been examined by e Board recommendations are: Un SITION REQUIRED LANNED IN NEXT FOUR YEAR PROJECT TITLE	the State Reserve Forces nilateral Construction App	Facilities Boar roved 2 (Nur	5 May 06 (Date) None mber of Acres) COST \$(000)
Facilities identified use/expansion. The projects Plant of the projects of the project of the proje	d in item 6 have been examined by the Board recommendations are: Under the Board recommendation are under	the State Reserve Forces nilateral Construction App	Facilities Boar roved 2 (Nur	5 May 06 (Date) None mber of Acres) COST \$(000)

1. COMPONENT	FY 2008 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2007

3. INSTALLATION AND LOCATION

EWVRA-SHEPHERD FIELD, MARTINSBURG, WEST VIRGINIA

11. PERSONNEL STRENGTH AS OF 01 Aug 06

		PER	RMANENT		G	UARD/RESI	ERVE		
	TOTAL	OFFICER	ENLISTED	<u>CIVILIAN</u>	LIAN TOTAL OFFICER ENLIST				
AUTHORIZED	287	35	252	0	1,165	196	969		
ACTUAL	269	30	239	0	1,207	154	1,053		

12. RESERVE UNIT DATA

	STRE	NGTH
<u>UNIT DESIGNATION</u>	AUTHORIZED	ACTUAL
167 Airlift Evacuation Squadron	112	101
167 Aircraft Generation Squadron	191	233
167 Aerial Port Squadron	99	81
167 Airlift Squadron	166	163
167 Airlift Wing	51	56
167 Civil Engineering Squadron	93	93
167 Communication Flight	41	38
167 Logistics Group	11	11
167 Logistics Squadron	101	101
167 Medical Squadron	65	50
167 MOF	11	11
167 Mission Support Flight	23	25
167 MSX	62	63
167 Operations Group	8	6
167 Operations Support Flight	21	24
167 Security Forces Squadron	73	88
167 Support Group	8	8
167 Student Flight	0	33
167 Services Flight	<u>29</u>	22
TOTALS	1,165	1,207

10	MATOD	COLUDATE OF	ANTE	AIDODAFT
13.	MAJUK	EOUIPMENT	AND	AIRCRAFI

<u>TYPE</u>	<u>AUTHORIZED</u>	ASSIGNED
C-130H Aircraft		
C-5 Aircraft	10	
Non-Powered AGE Equip	71	92
Powered AGE Equip	111	107

1.4	OUTSTANDING DOLL	UTION AND SAFETY(OSHA	DEFICIENCIES EV 2009
14	OUTSTANDING POLL	U HON AND SAFELY(OSHA	O DEFICIENCIES EY ZOOS -

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

NONE

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2008

	SECTION IV	

FUTURE YEARS DEFENSE PLAN (FYDP)

FISCAL YEAR LISTING

AIR NATIONAL GUARD FUTURE YEARS DEFENSE PROGRAM (FYDP)

									Budget	Change from		
							Facility	Program	Amount	FY07 PB		
Comp	FY	Appn	Project Number	Installation	Location	Project Title	Category	Element	\$000	\$000	Explanation of Changes	Footprint
ANG	2008	3830	LDXF069062	Hulman RAP	IN	Digital Ground Station (DGS) Beddown	171-447	53117F	7,700		New	Existing
ANG	2008	3830	CYQY069191	Camp Beauregard	LA	Upgrade ASOS Facility	214-428	52671F	1,800		New	New
ANG	2008	3830	SPBN069226	Otis ANGB	MA	Digital Ground Station (DGS) IOC Beddown	171-447	53117F	1,800		New	Existing
ANG	2008	3830	LKLW069103	Fort Indiantown Gap	PA	Air Support Operations Squadron (ASOS) Beddown	171-447	52671F	6,400		New	New
ANG	2008	3830	PYKL059219	Memphis IAP	TN	C-5 Final Infrastructure Support	812-225	54119F	6,676	501	Scope change	Existing
ANG	2008	3830	PYKL069128	Memphis IAP	TN	C-5 Munitions Storage Complex	422-264	54119F	1,500		New	New
ANG	2008	3830	PYKL069133	Memphis IAP	TN	C-5 Ground Runup Enclosure	116-665	54119F	3,200		New	New
ANG	2008	3830	PSXE069161	McGhee Tyson IAP	TN	MILSTAR Beddown- Relocate Base Access Road	851-147	53116F	3,200		New	New
ANG	2008	3830	PJVY009074	EWVRA Shepherd Field	WV	C-5 Fuel Cell Maintenance Hangar and Shops	211-179	54119F	26,000			New
ANG	2008	3830	PJVY009077	EWVRA Shepherd Field	WV	C-5 Squadron Operations Facility	141-753	54119F	7,600	(300)	Scope change	New
ANG	2008	3830	PJVY029162	EWVRA Shepherd Field	WV	C-5 Final Infrastructure Upgrade	932-000	54119F	5,176	726	Scope change	Existing
ANG	2008	3830		Various		Planning and Design		55296F	7,965	(5,719)		
ANG	2008	3830		Various		Unspecified Minor Construction		55296F	6,500	1,500		
				•		-	FY 20	08 Total	85,517		•	•

							Facility	Program	Budget Amount	Change from FY07 PB		
Comp	FY	Appn	Project Number	Installation	Location	Project Title		Element			Explanation of Changes	Footprint
ANC	2000	2020	CRWU069189	Buckley AFB	СО	Controlled I Brown and Complete Freiliter	610-128	5520CE	7,000		N	NT
				New Castle MAP		Centralized Personnel Servicing Facility Info Ops Exploitation Facility			7,000 3,200		New New	New New
				Hulman RAP	IN	Air Support Operations Squadron (ASOS) Beddown	171-447	52671F	3,930		New	New
ANG	2009	3830	PBXP069219	Mansfield MAP	OH	RED HORSE Beddown	171-445	55296F	11,000		New	New
ANG	2009	3830	FWJH069154	Ellington Field	TX	Air Support Operations Squadron (ASOS) Beddown	171-447	52671F	6,500		New	New
ANG	2009	3830	CURZ069220	Burlington	VT	Security Forces Facility	730-835	55296F	6,600		New	Existing
ANG	2009	3830		Various		Planning and Design		55296F	5,600	(6,521)		
ANG	2009	3830		Various		Unspecified Minor Construction		55296F	7,200	1,200		
				•		<u> </u>	EV 20	09 Total	51.030		<u> </u>	•

AIR NATIONAL GUARD FUTURE YEARS DEFENSE PROGRAM (FYDP)

									Budget	Change from		
							Facility	Program	Amount	FY07 PB		
Comp	FY	Appn	Project Number	Installation	Location	Project Title	Category	Element	\$000	\$000	Explanation of Changes	Footprint
ANG	2010	3830	FAKZ959574	Montgomery IAP	AL	Fuel Cell and Corrosion Control	141-786	55296F	7,830	430	Scope Change, Moved from FY09	New
ANG	2010	3830	FBNV069124	Davis Monthan AFB	AZ	Predator Beddown - FOC	171-447	53219F	5,600		New	New
ANG	2010	3830	SCLA069165	South California Logistics Apt	CA	Predator FTU LRE Beddown	211-175	53219F	8,400		New	New
ANG	2010	3830	HAYW069174	Fresno Yosemite Int'l ANG	CA	Construct ECM Pod Shop	217-713	51216F	1,500		New	New
ANG	2010	3830	HAYW069175	Fresno Yosemite Int'l ANG	CA	Munitions Storage Addition	422-264	51216F	1,650		New	New
ANG	2010	3830	XDQU069146	Savannah IAP	GA	Troop Training Headquarters	725-517	55296F	7,200	(4,000)	Scope Change, Moved from FY11	New
ANG	2010	3830	KNMD069208	Hickam AFB	HI	F-22 LO/Composite Repair Facility	211-159	51721F	24,600		New	New
ANG	2010	3830	FFAN049054	Des Moines IAP	IA	Replace Communications Facility	131-111	55296F	5,850	250	Scope Change, Moved from FY09	New
ANG	2010	3830	ATQZ049049	Fort Wayne IAP	IN	Aircraft Ready Shelters	141-181	55296F	5,143	243	Scope Change, Moved from FY09	New
ANG	2010	3830	VUBV069101	Smoky Hill Range	KS	ASOS Beddown	171-447	55296F	9,000		New	New
ANG	2010	3830	KAFF019017	Hammond ANGS	LA	Upgrade Communications Complex	442-758	55296F	5,000		New	Existing
ANG	2010	3830	NGCB019121	Lincoln MAP	NE	Add/Alter Security and Comm	730-835	55296F	8,400			Existing
ANG	2010	3830	UCTL919637	Reno-Tahoe IAP	NV	Fire Station	130-142	55296F	9,700		New	Existing
ANG	2010	3830	HAAW039012	Hancock Field	NY	Upgrade ASOS Facility	171-447	52671F	5,000		Scope Change	Existing
ANG	2010	3830	YZEU069106	Will Rogers World Aprt	OK	ASOS Beddown	171-447	52671F	6,800			New
ANG	2010	3830	PSTE009070	McEntire ANGB	SC	Replace Operations and Training Complex	171-445	55296F	11,200		Moved from FY09	Existing
ANG	2010	3830	MUHJ059057	Langley AFB	VA	Operations and Training Facility	171-445	55296F	6,500	(1,000)	Scope Change	New
ANG	2010	3830	LYBH009133	Yeager MAP	WV	Replace Communications Facility	131-111	55296F	4,400			Existing
	Ť		•									
ANG	2010	3830	•	Various		Planning and Design		55296F	4,400	(7,792)		
ANG	2010	3830	·	Various		Unspecified Minor Construction		55296F	4,000	(2,000)		
			-	-			FY 20	10 Total	142,173		-	

Budget Change from Facility Program Amount FY07 PB Comp FY Appn Project Number Installation Location Project Title Category Element \$000 \$000 Explanation of Changes Footprint ANG 2011 3830 NKAK049051 Little Rock AFB Replace Engine Shop 211-157 55296F 3,600 100 Scope Change Existing ANG 2011 3830 HFHA069130 Fort Huachuca ΑZ Predator LRE Beddown 211-111 53219F 11,000 New New ANG 2011 3830 JLWS019053 New Castle MAP DE Replace Aircraft Maintenance Hangar 171-447 55296F 10,800 Moved from FY10 New ANG 3830 LSGA029009 6,000 Scope Change, Moved from FY09 2011 Jacksonville IAP FL Communications Training Facility 131-111 55296F New ANG 3830 TDVG029066 MI 725-517 55296F 8,500 2011 Alpena MAP Replace Troop Training Quarters Existing ANG 171-447 55296F 3,750 2011 3830 WEFM069122 Stanly County AP Construct Air Traffic Control Facility New New ANG 2011 3830 KKGA069004 730-837 55296F 1,500 Hector Field ND Relocate Base Main Entrance New New 2011 3830 KKGA029115 ANG Hector Field ND Replace Fire Station 130-142 55296F 6,900 New New ANG 2011 3830 AQRC069153 Atlantic City IAP NJ 171-447 52671F 9,835 ASOS Beddown New Existing ANG 2011 3830 HAAW069167 Hancock Field NY Predator IOC/FOC Beddown 149-511 53219F 5,000 New Existing ANG 2011 3830 WYTD029015 Toledo IAP OH Security Forces Facility 130-142 55296F 7,900 397 Scope Change New 3830 TWLR069142 171-447 55296F 5,000 ANG 2011 Quonset MAP RI Special Operations Facility 1,950 New New 3830 NTEA969576 171-447 55296F ANG 2011 Lovell ANGS TN Comm Training Facility 8,200 New Existing Upgrade Predator Launch/Recovery Element (LRE) ANG 2011 3830 FWJH069194 Ellington Field TX 211-111 53219F 7,000 New New JRB Fort Worth Scope Change, Moved from FY10 ANG 2011 3830 DDPM009116 TX 730-835 55296F 6,200 Composite Support Complex Existing ANG 2011 3830 POWY059045 McChord AFB WA 262 Information Warfare Aggressor Squadron Facility 171-447 55296F 7,400 Scope Change, Moved from FY08 New ANG 2011 3830 XGFG059041 Truax Field ANGB WI Construct Communications Facility 131-111 55296F 5,900 New ANG 2011 3830 Various Planning and Design 55296F 4,200 (4,717)55296F ANG 2011 3830 Various Unspecified Minor Construction 4,000 (2,000 FY 2011 Total 122,685

AIR NATIONAL GUARD FUTURE YEARS DEFENSE PROGRAM (FYDP)

									-	Change from		
<u> </u>	F37		D : .N 1	Y 11 .:	*	D : c mid		Program	Amount	FY07 PB	F 1 (CC)	E
Comp	FY	Appn	Project Number	Installation	Location	Project Title	Category	Element	\$000	\$000	Explanation of Changes	Footprint
ANG	2012	3830	PJMS909928	Martin State Airport	MD	Composite Training Facility	171-450	5520CE	6,116		New	New
ANG	2012		FKNN009010	Bangor IAP		Replace Aircraft Maintenance Hangar/Shops		55296F	13,450	(150)	Scope Change, Moved from FY09	New
ANG	2012		ULYB039126	Rosecrans MAP		Replace Fire Station			8,600		Scope Change, Moved from FY09	New
ANG	2012		SZCQ989023	Pease Tradeport		Replace Ops and Training			9,200		Scope Change, Moved from FY09	New
ANG	2012		KJAQ029041	Klamath Falls Airport		Replace Ops and Training Replace Security Forces Facility	730-835		4,961		Scope Change, Moved from FY09 Scope Change, Moved from FY09	New
ANG	2012		USEB889585	Salt Lake City IAP		Replace Fire Station/Mobility Processing			10,200	1,201	Moved from FY10	New
ANG	2012	3630	USED009383	San Lake City IAP	UI	Replace File Station/Mobility Processing	/30-142	33290F	10,200		Moved Holli F I 10	INEW
ANG	2012	3830		Various		Planning and Design		55296F	4,000			
ANG	2012	3830		Various		Unspecified Minor Construction		55296F	4,000			
				1		1						
							FY 20	12 Total	60,527			
ANG I	2013	3830	VSSB062005	Sioux City	IΔ	KC-135 Engine Test Anron			•		New	New
ANG ANG	2013		VSSB062005 BXRH019091	Sioux City Boise MAP		KC-135 Engine Test Apron Operations and Training Eacility	112-211	55296F	3,000		New Scope Change Moved from FY09	New New
ANG	2013	3830	BXRH019091	Boise MAP	ID	Operations and Training Facility	112-211 171-445	55296F 55296F	3,000 9,600		Scope Change, Moved from FY09	New
ANG ANG	2013 2013	3830 3830	BXRH019091 DCFT039115	Boise MAP Capital MAP	ID IL	Operations and Training Facility Security Improvements-Relocate Base Entrance	112-211 171-445	55296F 55296F 55296F	3,000 9,600 6,100	(7,000)	Scope Change, Moved from FY09 Moved from FY08	
ANG ANG ANG ANG	2013	3830 3830 3830	BXRH019091	Boise MAP	ID IL	Operations and Training Facility Security Improvements-Relocate Base Entrance Replace Jet Fuel Storage Complex	112-211 171-445 850-000 124-135	55296F 55296F 55296F	3,000 9,600 6,100 11,000		Scope Change, Moved from FY09 Moved from FY08 Scope Change, Moved from FY10	New New New
ANG ANG ANG ANG	2013 2013 2013	3830 3830 3830 3830	BXRH019091 DCFT039115 VGLZ059233	Boise MAP Capital MAP Selfridge ANGB Key Field MAP	ID IL MI MS	Operations and Training Facility Security Improvements-Relocate Base Entrance Replace Jet Fuel Storage Complex Upgrade ASOS Communications Training Complex	112-211 171-445 850-000 124-135 171-447	55296F 55296F 55296F 55296F 55296F	3,000 9,600 6,100	124	Scope Change, Moved from FY09 Moved from FY08 Scope Change, Moved from FY10 Scope Change, Moved from FY10	New New
ANG ANG ANG	2013 2013 2013 2013	3830 3830 3830 3830 3830	BXRH019091 DCFT039115 VGLZ059233 MDVL939655	Boise MAP Capital MAP Selfridge ANGB	ID IL MI MS NY	Operations and Training Facility Security Improvements-Relocate Base Entrance Replace Jet Fuel Storage Complex	112-211 171-445 850-000 124-135 171-447 141-185	55296F 55296F 55296F 55296F 55296F 55296F	3,000 9,600 6,100 11,000 7,324	124 (5,000)	Scope Change, Moved from FY09 Moved from FY08 Scope Change, Moved from FY10	New New New Existing
ANG ANG ANG ANG ANG	2013 2013 2013 2013 2013	3830 3830 3830 3830 3830 3830	BXRH019091 DCFT039115 VGLZ059233 MDVL939655 WKVB029123	Boise MAP Capital MAP Selfridge ANGB Key Field MAP Gabreski Airport	ID IL MI MS NY TX	Operations and Training Facility Security Improvements-Relocate Base Entrance Replace Jet Fuel Storage Complex Upgrade ASOS Communications Training Complex Replace Pararescue Training Facility	112-211 171-445 850-000 124-135 171-447 141-185 130-142	55296F 55296F 55296F 55296F 55296F 55296F	3,000 9,600 6,100 11,000 7,324 8,400	124 (5,000) (200)	Scope Change, Moved from FY09 Moved from FY08 Scope Change, Moved from FY10 Scope Change, Moved from FY10 Scope Change, Moved from FY09	New New New Existing Existing
ANG ANG ANG ANG ANG ANG	2013 2013 2013 2013 2013 2013	3830 3830 3830 3830 3830 3830 3830	BXRH019091 DCFT039115 VGLZ059233 MDVL939655 WKVB029123 FWJH059032	Boise MAP Capital MAP Selfridge ANGB Key Field MAP Gabreski Airport Ellington Field	ID IL MI MS NY TX	Operations and Training Facility Security Improvements-Relocate Base Entrance Replace Jet Fuel Storage Complex Upgrade ASOS Communications Training Complex Replace Pararescue Training Facility Replace Fire Station	112-211 171-445 850-000 124-135 171-447 141-185 130-142 113-321	55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 54119F	3,000 9,600 6,100 11,000 7,324 8,400 7,000	124 (5,000) (200)	Scope Change, Moved from FY09 Moved from FY08 Scope Change, Moved from FY10 Scope Change, Moved from FY10 Scope Change, Moved from FY10 Scope Change, Moved from FY11	New New New Existing Existing New
ANG ANG ANG ANG ANG ANG ANG	2013 2013 2013 2013 2013 2013 2013	3830 3830 3830 3830 3830 3830 3830	BXRH019091 DCFT039115 VGLZ059233 MDVL939655 WKVB029123 FWJH059032 PJVY069224	Boise MAP Capital MAP Selfridge ANGB Key Field MAP Gabreski Airport Ellington Field EWVRA Shepherd Field	ID IL MI MS NY TX WV	Operations and Training Facility Security Improvements-Relocate Base Entrance Replace Jet Fuel Storage Complex Upgrade ASOS Communications Training Complex Replace Pararescue Training Facility Replace Fire Station C-5 Parking Apron Addition	112-211 171-445 850-000 124-135 171-447 141-185 130-142 113-321	55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 54119F	3,000 9,600 6,100 11,000 7,324 8,400 7,000 9,403	124 (5,000) (200)	Scope Change, Moved from FY09 Moved from FY08 Scope Change, Moved from FY10 Scope Change, Moved from FY10 Scope Change, Moved from FY09 Scope Change, Moved from FY11 Scope Change, Moved from FY11	New New New Existing Existing New New
ANG ANG ANG ANG ANG ANG ANG ANG	2013 2013 2013 2013 2013 2013 2013	3830 3830 3830 3830 3830 3830 3830	BXRH019091 DCFT039115 VGLZ059233 MDVL939655 WKVB029123 FWJH059032 PJVY069224	Boise MAP Capital MAP Selfridge ANGB Key Field MAP Gabreski Airport Ellington Field EWVRA Shepherd Field	ID IL MI MS NY TX WV WY	Operations and Training Facility Security Improvements-Relocate Base Entrance Replace Jet Fuel Storage Complex Upgrade ASOS Communications Training Complex Replace Pararescue Training Facility Replace Fire Station C-5 Parking Apron Addition	112-211 171-445 850-000 124-135 171-447 141-185 130-142 113-321	55296F 55296F 55296F 55296F 55296F 55296F 55296F 55296F 54119F	3,000 9,600 6,100 11,000 7,324 8,400 7,000 9,403	124 (5,000) (200)	Scope Change, Moved from FY09 Moved from FY08 Scope Change, Moved from FY10 Scope Change, Moved from FY10 Scope Change, Moved from FY09 Scope Change, Moved from FY11 Scope Change, Moved from FY11	New New New Existing Existing New New
ANG ANG ANG ANG ANG ANG ANG	2013 2013 2013 2013 2013 2013 2013 2013	3830 3830 3830 3830 3830 3830 3830 3830	BXRH019091 DCFT039115 VGLZ059233 MDVL939655 WKVB029123 FWJH059032 PJVY069224	Boise MAP Capital MAP Selfridge ANGB Key Field MAP Gabreski Airport Ellington Field EWVRA Shepherd Field Cheyenne MAP	ID IL MI MS NY TX WV WY	Operations and Training Facility Security Improvements-Relocate Base Entrance Replace Jet Fuel Storage Complex Upgrade ASOS Communications Training Complex Replace Pararescue Training Facility Replace Fire Station C-5 Parking Apron Addition Vehicle Mx & Deployment Processing Center	112-211 171-445 850-000 124-135 171-447 141-185 130-142 113-321 214-425	55296F 55296F 55296F 55296F 55296F 55296F 55119F 55296F	3,000 9,600 6,100 11,000 7,324 8,400 7,000 9,403 6,500	124 (5,000) (200)	Scope Change, Moved from FY09 Moved from FY08 Scope Change, Moved from FY10 Scope Change, Moved from FY10 Scope Change, Moved from FY09 Scope Change, Moved from FY11 Scope Change, Moved from FY11	New New New Existing Existing New New

AIR NATIONAL GUARD FUTURE YEARS DEFENSE PROGRAM (FYDP)

OTHER PROJECTS NO LONGER IN FYDP

						Budget		
				_		Amount		
Comp	FY		Installation	Location	Project Title	\$000	Explanation of Changes	
			Ta			1 1 1 1 2001	[m. 11	
			Birmingham IAP		KC135 Mobility Processing and Alert Crew Quarters	4,500	Pending Appropriation	
			Fort Smith MAP		Replace Civil Engineering Maintenance Complex	4,000	Moved from FY10	
			Hot Springs MAP		Relocate 223 Combat Communications Squadron	4,500	Moved from FY11	
			Little Rock AFB	AR	Replace Engine Shop	3,600	Pending Appropriation	
			Beale AFB	CA	Relocate Combat Communications Squadron	8,700	Moved from FY11	
			Fresno/Yosemite IAP	CA	Replace Squadron Operations Facility	9,800	Pending Appropriation	
			Buckley AFB	CO	Alert crew quarters	3,100	Pending Appropriation	
			Buckley AFB	CO	Replace Squadron Operations Facility	7,000	Pending Appropriation	
			Savannah IAP	GA	Troop Training Quarters	8,700	Pending Appropriation	
			Fort Dodge ANGS	IA	Vehicle Maintenance and Communications Training	5,500	Pending Appropriation	
			Forbes MAP	KS	Replace Squadron Operations	9,100	Moved from FY 09	
			Barnes MAP	MA	Add to and Alter Fire Station	7,000	Pending Appropriation	
			Martin State Airport	MD	Replace Fire Sation/ASE	8,800	Pending Appropriation	
			Great Falls IAP	MT	Replace Ops and Training Facility	9,600	Pending Appropriation	
			Atlantic City IAP	NJ	Munitions Administrative Facility	1,500	Moved from FY 09	
			Atlantic City IAP	NJ	Arm /Dearm Apron	1,800	Pending Appropriation	
			Atlantic City IAP	NJ	Operations and Training Facility	8,300	Moved from FY09	
			McGuire AFB	NJ	Replace Base Civil Engineer Complex	7,400	Moved from FY 08	
			Reno-Tahoe IAP	NV	Replace Vehicle Maintenance Facility	5,000	Pending Appropriation	
			Griffiss Airport	NY	EADS Support Facility	6,600	Pending Appropriation	
			Hancock Field	NY	Upgrade Base Infrastructure	8,000	Pending Appropriation	
			Rickenbacker IAP	OH	Security Forces/ Communications Facility	7,200	Pending Appropriation	
			Toledo IAP	OH	Replace Band Facility	1,700	Moved from FY 08	
			Fort Indiantown Gap	PA	Replace RED HORSE Training Facility	6,000	Pending Appropriation	
		i i	Joe Foss Field	SD	Replace Base Engineer Complex	7,500	Pending Appropriation	
	i i		McGhee-Tyson Airport	TN	Squadron Operations Facility	11,200	Pending Appropriation	
	i i		Memphis IAP	TN	C-5 Widen Taxilane	1,500	Moved from FY 09	
			Burlington IAP	VT	Base Security Improvements.	6,000	Pending Appropriation	
			Truax Field	WI	Add To and Alter Fire Station	7,000	Pending Appropriation	
			Martinsburg MAP	WV	C-5 Avionics and Shops Space	5,000	Pending Appropriation	
		1 1	Yeager Airport	WV	Replace Maintenance Hangar	17,300	Pending Appropriation	
			Chevenne MAP	WY	Replace Squadron Operations Facility	7,600	Pending Appropriation	

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2008

SECTION IV

FUTURE YEARS DEFENSE PLAN (FYDP)

STATE/INSTALLATION LISTING

AIR NATIONAL GUARD FUTURE YEARS DEFENSE PROGRAM (FYDP)

					Facility Program	Budget Amount	Change from	n	
Comp FY Appn Proje	ect Number	Installation	Location	Project Title	Category Element	\$000	\$000	Explanation of Changes	Footprint
ANG 2010 3830 FAKZ	959574	Montgomery IAP	AL	Fuel Cell and Corrosion Control	141-786 55296F	7,830	430	Scope Change, Moved from FY09	New
ANG 2011 3830 NKAK	ζ049051	Little Rock AFB	AR	Replace Engine Shop	211-157 55296F	3,60	10	0 Scope Change	Existing
ANG 2010 3830 FBNV	069124	Davis Monthan AFB	AZ	Predator Beddown - FOC	171-447 53219F	5,600	yl .	New	New
ANG 2011 3830 HFHA		Fort Huachuca	AZ	Predator LRE Beddown	211-111 53219F	11,000		New	New
ANG 2010 3830 SCLA		South California Logistics Apt	CA	Predator FTU LRE Beddown	211-175 53219F	8,400		New	New
ANG 2010 3830 HAYV ANG 2010 3830 HAYV		Fresno Yosemite Int'l ANG Fresno Yosemite Int'l ANG	CA CA	Construct ECM Pod Shop	217-713 51216F 422-264 51216F	1,500		New New	New New
ANG 2010 3630 HATV	WU09173	Flesho Toseninte ini i ANG	CA	Munitions Storage Addition	422-204 31210F	1,030	'!	New	New
ANG 2009 3830 CRWU	J069189	Buckley AFB	CO	Centralized Personnel Servicing Facility	610-128 55296F	7,00)	New	New
ANG 2009 3830 JLWS	069047	New Castle MAP	DE	Info Ops Exploitation Facility	171-447 53117F	3,20)	New	New
ANG 2011 3830 JLWS		New Castle MAP	DE	Replace Aircraft Maintenance Hangar	171-447 55296F	10,800		Moved from FY10	New
ANG 2011 3830 LSGA	.029009	Jacksonville IAP	FL	Communications Training Facility	131-111 55296F	6,000	(6,400	Scope Change, Moved from FY09	New
ANG 2010 3830 XDQU	J069146	Savannah IAP	GA	Troop Training Headquarters	725-517 55296F	7,200	(4,000	Scope Change, Moved from FY11	New
ANG 2010 3830 KNMI	D060208	Hickam AFB	НІ	F-22 LO/Composite Repair Facility	211-159 51721F	24,600	nl .	New	New
ANG 2010 3030 KINM	D007200	IIICKAIII AI B	111	1-22 EO/Composite Repair 1 acinty	211-137 317211	24,000	<u>'I</u>	new	New
ANG 2010 3830 FFAN	049054	Des Moines IAP	IA	Replace Communications Facility	131-111 55296F	5,850	250	Scope Change, Moved from FY09	New
ANG 2013 3830 VSSB	062005	Sioux City	IA	KC-135 Engine Test Apron	112-211 55296F	3,000)	New	New
ANG 2013 3830 BXRH	H019091	Boise MAP	ID	Operations and Training Facility	171-445 55296F	9,600		Scope Change, Moved from FY09	New
ANG 2013 3830 DCFT	039115	Capital MAP	IL	Security Improvements-Relocate Base Entrance	850-000 55296F	6,100		Moved from FY08	New
ANG 2008 3830 LDXF	060062	Hulman RAP	IN	Digital Ground Station (DGS) Beddown	171-447 53117F	7,700	,I	New	Existing
ANG 2009 3830 LDXF		Hulman RAP	IN	Air Support Operations Squadron (ASOS) Beddown	171-447 52671F	3,930		New	New
ANG 2010 3830 ATQZ		Fort Wayne IAP	IN	Aircraft Ready Shelters	141-181 55296F	5,143	243	Scope Change, Moved from FY09	New
								_	
ANG 2010 3830 VUBV	/069101	Smoky Hill Range	KS	ASOS Beddown	171-447 55296F	9,000)	New	New
ANG 2008 3830 CYQY	7060101	Camp Beauregard	LA	Upgrade ASOS Facility	214-428 52671F	1,800	ı	New	New
ANG 2008 3830 KAFF		Hammond ANGS	LA	Upgrade Communications Complex	442-758 55296F	5,000		New	Existing
			ı	1-16			1		
ANG 2008 3830 SPBN	069226	Otis ANGB	MA	Digital Ground Station (DGS) IOC Beddown	171-447 53117F	1,800)	New	Existing
ANG 2012 3830 PJMS9	909928	Martin State Airport	MD	Composite Training Facility	171-450 55296F	6,110	i	New	New
LAYO 2012 2020	1000010	D *1D			1 011 111 15500	10.5	.1 /	ala ar va is reco	ls,
ANG 2012 3830 FKNN	1009010	Bangor IAP	ME	Replace Aircraft Maintenance Hangar/Shops	211-111 55296F	13,450	(150	Scope Change, Moved from FY09	New
ANG 2011 3830 TDVG	G029066	Alpena MAP	MI	Replace Troop Training Quarters	725-517 55296F	8,500)		Existing
ANG 2013 3830 VGLZ		Selfridge ANGB	MI	Replace Jet Fuel Storage Complex	124-135 55296F	11,000		Scope Change, Moved from FY10	New
Lava Lagra Lagra ke	02015	D 1/15		In the property of the control of th	100 110 1550 -			ala an areas	- Isr
ANG 2012 3830 ULYB	8039126	Rosecrans MAP	MO	Replace Fire Station	130-142 55296F	8,600	(1,900	Scope Change, Moved from FY09	New
ANG 2013 3830 MDVI	L939655	Key Field MAP	MS	Upgrade ASOS Communications Training Complex	171-447 55296F	7,324	124	Scope Change, Moved from FY10	Existing
ANG 2011 3830 WEFN	И069122	Stanly County AP	NC	Construct Air Traffic Control Facility	171-447 55296F	3,750)	New	New
ANG 2011 2020 VVC	1000004	Ht Ei-14	NID	Dalamata Dana Main Enterna	720 927 5520	1.500	,I	Iv	N/
ANG 2011 3830 KKGA ANG 2011 3830 KKGA		Hector Field Hector Field	ND ND	Relocate Base Main Entrance Replace Fire Station	730-837 55296F 130-142 55296F	1,500 6,900	1	New New	New New
2011 3030 KKG/	102/110	rrector riciu	1110	propried the Station	150 172 552701	0,700	1	1.1011	11011

AIR NATIONAL GUARD FUTURE YEARS DEFENSE PROGRAM (FYDP)

								Budget C	Change from		
_						Facility		Amount	FY07 PB		
Comp	FY App	n Project Numbe	r Installation	Location	Project Title	Category	Element	\$000	\$000	Explanation of Changes	Footprint
ANG	2010 3830	0 NGCB019121	It in a la MAD	NIE	A 11/A14 Cit1 C	720 925	5520CE	0.400		T	E:
ANG	2010 383	0 NGCB019121	Lincoln MAP	NE	Add/Alter Security and Comm	730-835	33290F	8,400			Existing
ANG	2012 383	0 SZCQ989023	Pease Tradeport	NH	Replace Ops and Training	171-445	55296F	9,200	300	Scope Change, Moved from FY09	New
11110	2012 303	0 0200,00020	Tempe Tradeport	1,11	replace ops and raming	171 110	552761	>,200	500	beope change, moved nom 1 109	11011
ANG	2011 383	0 AQRC069153	Atlantic City IAP	NJ	ASOS Beddown	171-447	52671F	9,835		New	Existing
ANG	2010 383	0 UCTL919637	Reno-Tahoe IAP	NV	Fire Station	130-142	55296F	9,700		New	Existing
			Tea a serial		Ter a second sui	T T				Ta au	l
		0 HAAW039012	Hancock Field	NY	Upgrade ASOS Facility	171-447		5,000		Scope Change	Existing
		0 HAAW069167 0 WKVB029123	Hancock Field Gabreski Airport	NY NY	Predator IOC/FOC Beddown Replace Pararescue Training Facility	149-511 141-185	55296F	5,000 8,400	(5,000)	New Scope Change, Moved from FY09	Existing Existing
ANG	2013 363	0 WKVB029123	Gableski Aliport	IN I	Replace Faranescue Training Facility	141-163	33290F	8,400	(3,000)	Scope Change, Moved Irolli F 109	Existing
ANG	2009 383	0 PBXP069219	Mansfield MAP	OH	RED HORSE Beddown	171-445	55296F	11,000		New	New
		0 WYTD029015	Toledo IAP	OH	Security Forces Facility	130-142		7,900	397	Scope Change	New
		•		· ·	· · · · · · · · · · · · · · · · · · ·	•		,			
ANG	2010 3830	0 YZEU069106	Will Rogers World Aprt	OK	ASOS Beddown	171-447	52671F	6,800			New
ANG	2012 383	0 KJAQ029041	Klamath Falls Airport	OR	Replace Security Forces Facility	730-835	55296F	4,961	1,261	Scope Change, Moved from FY09	
			In 10 2		Tura a company	T T		- 100		Tab	
ANG	2008 383	0 LKLW069103	Fort Indiantown Gap	PA	Air Support Operations Squadron (ASOS) Beddown	171-447	526/1F	6,400		New	New
ANG	2011 383	0 TWLR069142	Quonset MAP	RI	Special Operations Facility	171-447	55206E	5,000	1,950	Now	New
ANG	2011 363	0 1 WLK009142	Quonset MAF	KI	Special Operations Facility	1/1-44/	33290F	3,000	1,930	New	New
ANG	2010 383	0 PSTE009070	McEntire ANGB	SC	Replace Operations and Training Complex	171-445	55296F	11,200		Moved from FY09	Existing
1					J	1		,			
ANG	2008 383	0 PYKL059219	Memphis IAP	TN	C-5 Final Infrastructure Support	812-225	54119F	6,676	501	Scope change	Existing
ANG	2008 383	0 PYKL069128	Memphis IAP	TN	C-5 Munitions Storage Complex	422-264	54119F	1,500		New	New
ANG		0 PYKL069133	Memphis IAP	TN	C-5 Ground Runup Enclosure		54119F	3,200		New	New
		0 PSXE069161	McGhee Tyson IAP	TN	MILSTAR Beddown- Relocate Base Access Road		53116F	3,200		New	New
ANG	2011 383	0 NTEA969576	Lovell ANGS	TN	Communications Training Facility	171-447	55296F	8,200		New	Existing
ANG	2000 202	0 EWHIOCOLEA	PH: 4 P: 11	TOY	14: G	171 447	506715	6.500		lay.	N.
		0 FWJH069154 0 FWJH069194	Ellington Field Ellington Field	TX TX	Air Support Operations Squadron (ASOS) Beddown Upgrade Predator Launch/Recovery Element (LRE)		52671F 53219F	6,500 7,000		New New	New New
	2011 383		JRB Fort Worth	TX	Composite Support Complex		55296F	6,200	(200)	Scope Change, Moved from FY10	Existing
		0 FWJH059032	Ellington Field	TX	Replace Fire Station	130-142		7,000	(200)	Scope Change, Moved from FY11	New
						1		.,	(===)	8-,	
ANG	2012 383	0 USEB889585	Salt Lake City IAP	UT	Replace Fire Station/Mobility Processing	730-142	55296F	10,200		Moved from FY10	New
ANG	2010 383	0 MUHJ059057	Langley AFB	VA	Operations and Training Facility	171-445	55296F	6,500	(1,000)	Scope Change	New
			I		I	T T				T	
ANG	2009 383	0 CURZ069220	Burlington	VT	Security Forces Facility	730-835	55296F	6,600		New	Existing
ANG	2011 202	0 DOWY050045	McChord AFB	WA	262 Information Workers Advances Consider Facility	171-447	5520CE	7,400	(1.000)	Carra Characa Manual france EV/00	New
ANG	2011 383	0 PQWY059045	McCnord AFB	WA	262 Information Warfare Aggressor Squadron Facility	1/1-44/	55296F	7,400	(1,000)	Scope Change, Moved from FY08	New
ANG	2011 383	0 XGFG059041	Truax Field ANGB	WI	Construct Communications Facility	131-111	55206E	5,900		1	New
AHU	2011 303	0 1AO1 G037041	TIURA I ICIU AINOD	**1	Construct Communications Facility	131-111	JJ2/01	3,700		1	INCW
ANG	2008 383	0 PJVY009074	EWVRA Shepherd Field	WV	C-5 Fuel Cell Maintenance Hangar and Shops	211-179	54119F	26,000			New
		0 PJVY009077	EWVRA Shepherd Field	WV	C-5 Squadron Operations Facility		54119F	7,600	(300)	Scope change	New
		0 PJVY029162	EWVRA Shepherd Field	WV	C-5 Final Infrastructure Upgrade		54119F	5,176		Scope change	Existing
ANG	2010 383	0 LYBH009133	Yeager MAP	WV	Replace Communications Facility	131-111	55296F	4,400			Existing
ANG	2013 3830	0 PJVY069224	EWVRA Shepherd Field	WV	C-5 Parking Apron Addition	113-321	54119F	9,403	5,403	Scope Change, Moved from FY10	New
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ANG	2013 383	0 DPEZ019000	Cheyenne MAP	WY	Vehicle Mx & Deployment Processing Center	214-425	55296F	6,500		New	Existing

AIR NATIONAL GUARD FUTURE YEARS DEFENSE PROGRAM (FYDP)

_							Program	Amount	Change from FY07 PB		
Comp	FY	Appn	Project Number Installation	Location	Project Title	Category	Element	\$000	\$000	Explanation of Changes	Footprint
ANG	2008	3830	Various		Planning and Design		55296F	7,965	(5,719)		
ANG	2009	3830	Various		Planning and Design		55296F	5,600	(6,521)		
ANG	2010	3830	Various		Planning and Design		55296F	4,400	(7,792)		
ANG	2011	3830	Various		Planning and Design		55296F	4,200	(4,717)		
ANG	2012	3830	Various		Planning and Design		55296F	4,000			
ANG	2013	3830	Various		Planning and Design		55296F	3,800			
ANG	2008	3830	Various		Unspecified Minor Construction		55296F	6,500	1,500		
ANG	2009	3830	Various		Unspecified Minor Construction		55296F	7,200	1,200		
ANG	2010	3830	Various		Unspecified Minor Construction		55296F	4,000	(2,000)		
ANG	2011	3830	Various		Unspecified Minor Construction		55296F	4,000	(2,000)		
ANG		3830	Various		Unspecified Minor Construction		55296F	4,000			
ANG	2013	3830	Various		Unspecified Minor Construction		55296F	4,000			