## AIR NATIONAL GUARD Fiscal Year (FY) 2011 BUDGET ESTIMATES



# MILITARY CONSTRUCTION APPROPRIATION 3830 PROGRAM YEAR 2011

Justification Data Submitted to Congress February 2010

#### DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2011

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#### SUMMARY PROJECT LIST AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM -- FY 2011

	AUTH/APPN					
STATE	INSTALLATION AND PROJECT	AMOUNT (\$000)	PAGE NO.			
ALABAMA	Montgomery Regional Airport (ANG) Base					
	Fuel Cell and Corrosion Control Hangar Sub-Total Alabama	<u>7,472</u> 7,472	II-1			
ARIZONA	Davis-Monthan AFB					
	TFI- Predator Full Operational Capability (FOC) - Active	4 650	II-4			
	Sub-Total Arizona	4,650				
DELAWARE	New Castle County Airport					
	Joint Forces Operations Center - ANG Share Sub-Total Delaware	<u>1,500</u> <b>1,500</b>	11-7			
FLORIDA	Jacksonville International Airport (IAP)					
	Security Forces Training Facility Sub-Total Florida	<u>6,700</u> 6,700	11-10			
GEORGIA	Savannah/Hilton Head International Airport (IAP)					
	Relocate Air Support Operations Squadron (ASOS) Facilities Sub-Total Georgia	<u>7,450</u> 7,450	II-13			
HAWAII	Hickam AFB					
	TFI - F-22 Beddown Infrastructure Support	5,950	II-16			
	TFI - F-22 Upgrade Munitions Complex TFI - E-22 Hangar Squadron Operations and Aircraft	17,250	11-19			
	Maintenance Unit	48.250	II-22			
	Sub-Total Hawaii	71,450				
ILLINOIS	Capital Municipal Airport	16700	H 05			
	1FI - CNAF Beddown - Upgrade Facilities Sub-Total Illinois	<u>16,700</u> <b>16,700</b>	11-25			
INDIANA	Hulman Regional Airport					
	TFI - ASOS Beddown - Upgrade Facilities Sub-Total Indiana	<u>4,100</u> <b>4,100</b>	II-28			
		-,_ • •				
MARYLAND	Martin State Airport	11,400				
	Sub-Total Maryland	<u>11,400</u> <b>11,400</b>	11-31			
NEW YORK	Fort Drum Military Reservation					
	TFI - Reaper Infrastructure Support Sub-Total New York	<u>2,500</u> 2,500	II-34			
		,				

#### SUMMARY PROJECT LIST AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM -- FY 2011

		AUTH/APPN	
STATE	INSTALLATION AND PROJECT	AMOUNT (\$000)	PAGE NO.
NEW YORK	Stewart International Airport (IAP) Base Defense Group Beddown Sub-Total New York	<u>14,250</u> 14,250	II-37
NORTH CAROLINA	Stanly County Airport Upgrade ASOS Facilities Sub-Total North Carolina	<u>2,000</u> 2,000	II-40
PENNSYLVANIA	State College ANG Station Add to and Alter AOS Facility Sub-Total Pennsylvania	<u>4,100</u> <b>4,100</b>	II-43
TENNESSEE	Nashville International Airport (IAP) TFI- Renovate Intel Squadron Facilities Sub-Total Tennessee	<u>5,500</u> <b>5,500</b>	II-46
	SUB-TOTAL ALL BASES	159,772	
	PLANNING AND DESIGN	9,214	II-49
	UNSPECIFIED MINOR CONSTRUCTION	8,000	II-51
	SUB - TOTAL SUPPORT COSTS	<u>17,214</u>	
	<b>GRAND TOTAL - FY 2011 REQUEST</b>	176,986	

#### NEW MISSION/CURRENT MISSION EXHIBIT AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM -- FY 2011

LOCATION	PROJECT	COST (\$000)	CURRENT/ NEW/ENV
Montgomery RAP (ANG), AL	Fuel Cell and Corrosion Control Hangar	7,472	С
Davis-Monthan (AFB), AZ	TFI- Predator FOC - Active Duty Associate	4,650	Ν
New Castle County (MAP), DE	Joint Forces Operations Center - ANG Share	1,500	C
Jacksonville IAP, FL	Security Forces Training Facility	6,700	C
Savannah/Hilton Head IAP, GA	Relocate ASOS Facilities	7,450	Ν
Hickam	TFI - F-22 Beddown Infrastructure Support	5,950	Ν
(AFB), HI	TFI - F-22 Upgrade Munitions Complex	17,250	Ν
	TFI - F-22 Hangar, Squadron Operations and Aircraft Maintenance Unit	48,250	Ν
Abraham Lincoln Capital (MAP), IL	TFI - cNAF Beddown - Upgrade Facilities	16,700	Ν
Hulman RAP, IN	TFI - ASOS Beddown - Upgrade Facilities	4,100	Ν
Martin State Airport, MD	Replace Operations and Medical Training Facility	11,400	С
Fort Drum Military Reservation, NY	TFI - Reaper Infrastructure Support	2,500	Ν
Stewart IAP,	Base Defense Group Beddown	14,250	Ν

NY

#### NEW MISSION/CURRENT MISSION EXHIBIT AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM -- FY 2011

Stanly County Airport, NC	Upgrade ASOS Facilities	2,000	N
State College ANGS, PA	Add To and Alter AOS Facility	4,100	C
Nashville IAP, TN	TFI- Renovate INTEL Squadron Facilities	5,500	N

PLANNING AND DESIGN	9,214
UNSPECIFIED MINOR CONSTRUCTION	8,000
TOTAL ENERGY	0
TOTAL ENVIRONMENTAL	0
TOTAL NEW MISSION (11)	128,600
TOTAL CURRENT MISSION (5)	31,172
GRAND TOTAL - FY 2011 REQUEST	176,986

## DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2011

## **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, \$176,986,000 to remain available until September 30, 2015.

### 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.

#### **Construction Criteria Manual**

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

#### **Request for Reauthorization**

In light of unforeseen site conditions and execution delays, the Air National Guard requests reauthorization of project CURZ049023, Base Security Improvements at Burlington, VT, originally authorized in fiscal year 2008 for \$6,600,000.

## DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2011

**SECTION II** 

## PROJECT JUSTIFICATION DATA

1. COMPONENT	FY 2011 MILITARY CO	NSTRUCTIO	ON PR	OJECT DA	ТA	2.	DATE
(computer generated)				2010			
ANG 3 INSTALLATION AND	LOCATION		<u>/</u> F	PROJECT	TITI F	Fet	bruary 2010
MONTGOMERY REGION	JAL AIRPORT (ANG) BA	SE.	FUEL	CELL AN	D CORR(	OSIO	N CONTROL
ALABAMA		~_,	HANGAR				
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	T NUN	<b>IBER</b>	8. PROJ	ECT	COST(\$000)
52276F	211-179	FAK	Z9595	74		\$7.	472
	9. COST	ESTIMATE	S		L		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	201101112			UNI	Т	COST
	ITEM		U/M	QUANTIT	Y COS	Т	(\$000)
FUEL CELL AND CORR	OSION CONTROL FACII	LITY	SM	1,821			4,887
FUEL CELL HANGAR	AREA		SM	697	2,5	583	(1,800)
FUEL CELL SHOP AR	EA		SM	139	2,5	583	(359)
CORROSION CONTR	JL HANGAR AKEA		SM	097 130	2,2	583	(1,800)
MEDIA STRIPPING A	REA		SM	139	2,-	583	(339)
ANTITERRORISM FO	RCE PROTECTION		SM	1,821	-,.	22	( 40)
SDD&EPACT (3%FOR	LEED CERT/ENERGY C	CONSERV)	LS	,			(144)
SUPPORTING FACILITI	ES						1,826
UTILITIES			LS				( 267)
RAMP ACCESS AND	PAVEMENTS		LS				( 800)
SITE IMPROVEMENT	S SUDDODT						(140)
DEMOLITION/ASBES	TOS REMOVAL		SM	430		(50)	(50)
FIRE SUPRESSION SU	JPPORT		LS	100			( 500)
SUBTOTAL							6,713
CONTINGENCY (5%)							336
TOTAL CONTRACT CO	ST	(0)					7,049
SUPERVISION, INSPEC	I ION AND OVERHEAD (	6%)					$\frac{423}{7472}$
TOTAL REQUEST							7,472
10. Description of Prop	osed Construction: Rein	forced conc	rete fo	undation	and floor	slab	with steel
framed masonry walls an	d roof structure. Interior	walls and u	utilities	s. Exterio	r work in	clud	es: ramp
access and supporting pa	vements, fire suppression	n systems su	ipport,	utilities,	site prepa	ratio	on, and
communications support	Demolish one building	and landsca	ape the	e site.			
Air Conditioning: 140 K	$\frac{W}{1} = \frac{O}{O} + \frac{O}{O} = \frac{O}{O$				D. 1 101	CM	
II. KEQUIKEMIENI:	1,821 SM ADEQUATI	E: USM S	SUBS.	I ANDAK	D: 1,181 $Mission)$	SIM	
PROJECT. Replace F-1	basa raquiras an adaquat	oly sized on	d prop	(Current	wission)		to porform
environmentally safe co	rosion control and fuel c	ell mainten	u prop ance o	n E-16 air	guieu iac	ccor	dance with
OSHA and AFOSH stan	dards One bay is requir	ed for aircra	aft ind	n r -10 an	ng corros	sion	control a
space for spot painting e	aupped with ventilation.	environme	ental co	ontrol. and	l fire supr	oress	ion systems.
Areas for solvent cleaning	ig, bead blasting, and pai	nting of sm	all aire	craft parts	is require	ed. A	Another bay
is required for isolated f	uel systems repair and ma	aintenance,	with p	roper env	ironment	al co	ntainment,
fire suppression, and ver	ntilation systems.						
CURRENT SITUATION	N: The base has inadequ	ate and und	ersized	1 F-16 fue	l cell and	cor	osion control
facilities. The corrosion	control facility, building	g 1403, was	design	ed as a w	eapons ca	alibra	ation shelter
for F-4 aircraft and subs	equently adapted for corr	osion contr	ol wor	k. The bu	ilding is	only	4,630 SF;
approximately 60% of the	ne minimum required spa	ce. It has in	nsuffic	ient shop	and stora	ge sj	pace. The
building has inadequate	fire detection and suppre	ssion syster	ns. Th	ne building	g is poorl	y ins	ulated, with
inadequate utilities. A b	uilding addition is not po	ossible due t	to site	constraint	s. The fa	cilit	y's ability to
support corrosion contro	I tunctions has diminishe	ed, resulting	in ma	rginal ma	intenance	e effe	ectiveness.
Initial configuration and	supporting systems were	e never idea	i for th	us type of	activity.	The	tuel cell

1. COMPONENT	FY 2011 MILITARY CON	STRUCTION PROJECT DA	ATA	2. DATE
	(compute	er generated)		- :
ANG 2 INSTALLATION				February 2010
3. INSTALLATION	AND LOCATION			
MONTGOMERY RE	GIONAL AIRPORT (ANG) BASI	E. ALABAMA		
5. PROJECT TITLE		1, 1 1	7. PROJE	ECT NUMBER
FUEL CELL AND CO	ORROSION CONTROL HANGAI	2	FA	4KZ959574
facility, building 13	304, is over 30 years old and no	longer meets physical requ	uirements	s necessary for
this type of function	n. It is not equipped with proper	r ventilation, environment	al control	or fire
suppression system	is required by current life-safety	codes. The facility is not	easily ac	cessible from the
parking apron. Ine	base does not have a facility fo	r munitions load crew trai	ning. Up	on completion of
this project, building	ig 1405 will be demonstred will	Currently, this task is part	novated v	o hophozard
manner outdoors v	vestber permitting The lack of	training environment degr	office miss	a haphazaiu
Classroom training	must be done away from the air	craft with lost training or	nortuniti	e Ruilding
1304 is 8.000 SF at	nd is correctly sited/sized for log	d crew training. The base	has beer	identified to host
an Active Associate	e unit: in the near future the unit	will begin hosting Active	Duty air	crews and
maintenance crews	and flying more sorties; placing	g further strain on the alrea	ady inade	quate fuel
cell/corrosion contr	rol. This could become a LIMF.	AC to F-16 training if not	addressed	1.
IMPACT IF NOT I	PROVIDED: Accept risk to mis	ssion degradation due to in	nadequate	fuel cell
maintenance and co	prrosion control facilities. Acce	pt risk of early corrosion-r	elated air	craft
failure/retirement d	ue to inadequate corrosion prote	ection. ANG members con	ntinue to	work in unsafe
working conditions	in facilities not constructed for	currently intended purpos	es, not su	itably configured,
and without proper	systems required for effective n	naintenance activities. All	rcraft mai	ntenance
activities are delaye	ed due to inadequate facility con	figuration. Lost training a	and missio	on
Increased aircraft n	an increasingly adversely impaction pointenance time. Decreased air	real results in misseu perio	Percending	equirements.
reductions on muni	itions load crew training	Claft availability and conv	esponding	g allelew training
ADDITIONAL: T	his project meets the criteria/scc	one specified in Air Nation	nal Guard	Handbook
32-1084, "Facility"	Requirements" and is in complia	ance with the base master	plan. An	titerrorism Force
Protection requirem	nents have been considered in th	e development of this proj	ject. All	known
alternatives/options	s were considered in the develop	ment of this project. No o	other option	on could meet the
mission requirement	nts; therefore, no economic analy	ysis was needed or perform	ned. Buil	lding 1403 at 751
SM will be demolis	shed and building 1304 will be r	eused as a Weapons Load	Crew Tra	aining Facility.
This facility can be	used by other components on a	n "as available" basis; hov	vever, the	scope of the
project is based on	Air National Guard requirement	is. Project will incorporate	e Leaders	hip in Energy and
Environmental Des	ign (LEED) and sustainable dev	elopment concepts, so as	to achieve	e optimum
resource efficiency	, constructability, sustainability,	and energy conservation,	while mi	nimizing adverse
impact to the built a	and natural environments throug	in all phases of its file cyc.	le. 1 mis i	nay result in
cost will be reward	ad with lower life cycle costs 7	This is consistent with the	requirem	appendix acquisition
Policy Act of 2005	(FPAct05) 10 USC 2805 (c) F	vecutive Order 13423 and	d other ar	policable laws and
Executive Orders.	(LI Meto), 10 000 2000 (c), 2	Accutive Order 15 (20, and	u outer up	phonoic famo and
DEMOLITION/AS	BESTOS REMOVAL	430 SM = 4,630 SF		
FUEL CELL HAN	GAR AREA	697 SM = 7,500 SF		
FUEL CELL SHOP	P AREA	139 SM = 1,500 SF		
CORROSION CON	NTROL HANGAR AREA	697 SM = 7,500 SF		
MEDIA STRIPPIN	JG AREA	149  SM = 1,600  SF		

CORROSION CONTROL SHOP AREA

139 SM = 1,500 SF

1. C	OMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DAT	ГA	2. DATE
		(computer generated)		- :
2 IN	ANG			February 2010
э. ш	STALLATION	AND LOCATION		
MON	<b>VTGOMERY RE</b>	GIONAL AIRPORT (ANG) BASE, ALABAMA		
5. PR	OJECT TITLE	· · · · · · · · · · · · · · · · · · ·	7. PROJE	ECT NUMBER
माम		OPPOSION CONTROL HANGAR	E4	NK705057/
FUL		SKROSION CONTROL HANGAR	1 /	AK2737314
12.	SUPPLEMENT	TAL DATA:		
a.	Estimated Desig	gn Data:		
	(1) Status:			
	(a) Date D	Design Started		MAR 2006
	(b) Parame	etric Cost Estimates used to develop costs		NO
	(c) Percent	t Complete as of Jan 2010		90%
	* (d) Date 3:	5% Designed		MAY 2008
	(e) Date D	vesign Complete		MAY 2010
	(f) Type of	f Design Contract		
	(g) Energy	/ Study/Life-Cycle analysis was/will be performed		YES
	(8)6,			
	(2) Basis:			
	(a) Standa	rd or Definitive Design -		NO
	(b) Where	Design Was Most Recently Used -		N/A
	(0)	Dough the reserve of the		
	(3) Total Cost (	(c) = (a) + (b)  or  (d) + (e):		(\$000)
1	(a) Produc	tion of Plans and Snecifications		468
1	(h) All Off	her Design Costs		234
	(c) Total	lei Desigli Costs		702
	(d) Contra	~*		702
	(0) Collination $(1)$ In Hau			702
	(e) III-riou	se		
	(4) Contract A	ward (Month/Year)		FFR 2011
	(4) Contract 71			1°LD 2011
	(5) Constructio	on Start		MAR 2011
	(6) Constructio	on Completion		MAR 2012
	* Indicates	completion of Project Definition with Parametric Cost Estimate	which	
	is comparal	ble to traditional 35% design to ensure valid scope and cost and e	executabi	lity.
b. 1	Equipment assoc	iated with this project will be provided from other appropriations	s:	N/A
PO	DINT OF CONTA	ACT: Stephanie Stevenson		
		(301) 836-8778		
		(301) 030 0770		

1. COMPONENT		FY 2011 MILITARY CO	NSTRUCTI	ON PR	OJECT DA	ТA	2.	DATE
		(comp	uter generat	ed)				
ANG				· .			Fel	oruary 2010
3. INSTALLATION	AND	LOCATION		4. I	PROJECT	TITLE	OTI	
DAVIS MONTHAN		OPCE BASE ARIZONA		171-1	KEDATU CIATE	K FUC - F	NC I I	VEDUIT
5 PROGRAM ELEM	ENT	6 CATEGORY CODE	7 PROJEC	T NUN	URER	8 PROJ	FCT	COST(\$000)
J. I KOOKI III LLLIII		0. CHILGORY CODL	/.11002		IDLIX	0.11.000	LC.	
53219F 141-753 FE			FBI	V0890	)69		\$4	,650
		9. COST	ESTIMATI	ES				
						UNI	Т	COST
		ITEM		U/M	QUANTIT	Y COS	Т	(\$000)
PREDATOR FOC- A	ACTIV	E DUTY ASSOCIATE		SM	882			3,063
SQUADRON OPE	ERATI	ONS AREA		SM	46	3,2	229	( 149)
SIMULATOR AN	D SU	PPORT SPACES		SM	46	3,2	229	( 149)
ASSOCIATE ACT	FIVE I	DUTY SQUAD OPS ARE	A	SM	325	3,2	229	(1,049)
GROUND CONTI	ROL S	TATION/COMM AKEA		SM	403	3,4	144 22	(1,601)
SUD&EDACT (3)	VI FOI	I FED CERT/ENERGY C	ONSERV)		005		22	(17)
SUPPORTING FAC	U ITIF	EED CERT/ERERGT C		LS				1.114
UTILITIES	11.71 1 1 1 -			LS				( 300)
COMMUNICATI	ONS S	UPPORT		LS				( 95)
PAVEMENTS				LS				( 250)
STANDBY AND	UNIN	TERRUPTABLE POWER	SUPPORT	LS				( 80)
SECURITY MEA	SURE	S		LS				( 150)
SITE IMPROVEN	1ENTS			LS				(139)
FIKE PROTECTIO	ON SU	PPOKT		LS				$\frac{(100)}{4177}$
SUBTUTAL CONTINGENCY (5)	04)							4,177
TOTAL CONTRAC	τ COS	ΥT.						4.386
SUPERVISION, INS	SPECT	ION AND OVERHEAD (	6%)					263
TOTAL REQUEST		-						4,649
TOTAL REQUEST	(ROUI	NDED)						4,650
10. Description of	Propo	sed Construction: Reini	forced con	crete fo	oundation	and floor	slab	. Steel
framed masonry wa	lls and	1 roof structure, interior	walls and j	oartitio	ns includu	ng raised	floo	r area.
Interior finishes and	utilit	ies to meet current code	requirement	its and	support to	unctional	requ	irements.
Unique electrical ci	rcuits	are required in the operation	ational area	s, with	access to	power ba	ck-u	ıp systems
and single phase 110	U VOIT	and three phase 208/110	) volt servi	ces. In	terior fini	shes in th	e op	erational
areas includes raised		systems. Exterior work	( includes:	paven	ients and	site impro	oven	ients, back-
up power, uninterru	ptible	power system, security	tence with	electro	nic persoi	inel acces	ss ga	ite and
Manual venicular ac	Cess E	sate. Provide an interform $\mathbf{x}$	sm/torce pi	otecuo	n measure	es as appr	opn	ate.
All Collainonning. T			- 1 570 C				CM.	r
11. KEQUIKEIVIEI DDOJECT: TEI Dr	NI: 2	,462 SM ADEQUATI	E: 1,3793	M SU	-2) 1821 VIVI	JAKD: U	21vi	
PROJECT. ITT-IT	The	FUC-ACTIVE Duty Asso	Derrie Mon	/ 1011331 4han A	011) ED as the	cite for th	·~ ^	
National Guard to c	nerat	All Folice has identified a	Contor (PC	(IIIaII 75) (C) and	ΓD as uic 1 Air Com	she for a	nan	$d(\Delta CC)$
identified this locat	ion as	on Active Duty Associa	$\begin{array}{c} \text{Center (i \in \mathbb{C})} \\ \text{is to unit}  T \end{array}$	vie real	ires a nro	norly size	nd an	d configured
area to support the	full or	perational canability (FC	(C) for the	Predata	or mission	This mi	issio	n requires
space for 2 Ground	Conti	rol Stations (GCS) The	complex r	equires	rohust/re	dundant c	comr	munications
support with conner	ctivity	to two communications	switches	Allied	support f	or installa	ation	of
communication line	es sho	uld include ducts to con	nect this fa	cility w	vith the ba	se comm	unic	ations switch.
The facility electric	al circ	cuits must support an un	interruptib	e powe	er supply of	capability	dur	ing the
transfer to generato	r pow	er which can take from a	a few seco	nds to a	few mini	ites. The	faci	lity must
have back-up powe	r.							
"F F Y " Z								

1. COMPONENT     FY 2011 MILITARY CONSTRUCTION PROJECT DATA				2. DATE
	(computer g	enerated)		
ANG	ANG			
3. INSTALLATION	AND LOCATION			
DAVIS MONTHAN	AIR FORCE BASE, ARIZONA			
5. PROJECT TITLE			7. PROJE	ECT NUMBER
TFI - PREDATOR FO	OC - ACTIVE DUTY ASSOCIATE		FF	3NV089069
CURRENT SITUA	<u>TION</u> : Site surveys have indicated	d permanent facilities a	re not ava	ailable. In order
to meet Initial Oper	ation Capability (IOC) by 1st quar	ter 2007, on a temporar	ry work-a	round basis,
within minimum IC	OC criteria, the POC has been locat	ed in building 75 and v	vill stay th	nere until
construction of a ne	ew facility is completed. Two mob	ile GCS, primary plus	a surge, h	ave been
temporarily placed	in a fenced and secured lot adjacer	t to building 75. The I	OC requi	ires a certified
facility meeting pro	ovisions of JAFAN 6/9 which is par	rt of this project. This	facility m	ust be connected
to the base switch a	ind base service provider in such a	way as to provide redu	ndancy ir	the system
Predator IOC provi	des minimum canability with signi	ficant workarounds and	l is not in	tended as the
final solution: it is	only provided to establish the missi	ion and begin training (	rews to a	accent the
mission Continuo	training and operational mission	offactivonoss are degrad	dod until i	this EOC project
an marida adagua	to accure facilities	enectiveness are degrad		ins foc project
INDACT IE NOT I	ne, secure facilities.	an at mag als furll an anotic		iliter in times to
IMPACT IF NOT I	<u>-ROVIDED</u> : The Predator unit can	nnot reach full operatio		inty in time to
support training and	mission requirements for national	l security missions. De	graded fa	cilities provided
on a temporary bas	is for limited IOC capabilities cont	inue to deteriorate and	provide li	imited service.
This impacts training	ng and mission effectiveness and pr	revents full operational	capabilit	y. The ANG and
the Active Duty Ai	r Force personnel cannot associate.			
ADDITIONAL: T	he scope of this project was develo	ped by comparing the A	Active Du	ity criteria with
the ANG Handbool	k 32-1084 for similar squadron ope	rations facilities and is	in compl	iance with the
base master plan. A	Antiterrorism/Force Protection requ	irements have been co	nsidered i	in the
development of this	s project. All known alternatives/o	ptions were considered	during th	ne development of
this project. No oth	ner option could meet the mission r	equirements: therefore	. no econo	omic analysis was
needed or performe	d. Mission requirements, operation	onal considerations and	location	are incompatible
with use by other c	omponents Project will incorporate	te Leadershin in Energy	and Env	vironmental
Design (LEFD) and	sustainable development concents	s so as to achieve ontir	num reso	urce efficiency
constructability su	stainability and energy conservation	y, so as to achieve optim	dverse im	nact to the built
and natural anyiron	month through all phases of its life	avala This may regult	in prime	ry facility costs
	ting standards, but the initial invest	cycle. This hay lesui	. III pi IIIa	
exceeding DoD cos	ting standards, but the initial inves	iment in nigher acquisi	tion cost	will be rewarded
with lower life cycl	e costs. This is consistent with the	requirements of the Ei	hergy Poli	icy Act of 2005
(EPAct05), 10 USC	2805 (c), Executive Order 13423,	and other applicable la	iws and E	executive Orders.
SQUADRON OPE	RATIONS AREA	46 S	M = 500	SF
SIMULATOR AN	D SUPPORT SPACES	46 S	M = 500	SF
ASSOCIATE ACT	IVE DUTY SQUAD OPS AREA	325 \$	SM = 3,50	)0 SF
GROUND CONTR	OL STATION/COMM AREA	465 \$	SM = 5,00	)0 SF
I				

1. CO	OMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DAT	ГА	2. DATE
		(computer generated)		- :
2 IN	ANG			February 2010
э. ш	STALLATION	AND LOCATION		
DAV	IS MONTHAN	AIR FORCE BASE, ARIZONA		
5. PR	OJECT TITLE		7. PROJE	ECT NUMBER
TFI -	PREDATOR FC	C - ACTIVE DUTY ASSOCIATE	FF	3NV089069
12.	SUPPLEMENT	AL DATA:		
a.	Estimated Desig	gn Data:		
	(1) Status:			
	(a) Date D	Design Started		JUN 2008
	(b) Parame	etric Cost Estimates used to develop costs		No
	(c) Percent	t Complete as of Jan 2010		35%
	* (d) Date 3:	5% Designed		JAN 2010
	(e) Date D	esign Complete		SEP 2010
	(f) Type of	t Design Contract		VEC
	(g) Energy	Study/Life-Cycle analysis was/will be performed		YES
	(2) Basis:			
	(a) Standar	rd or Definitive Design -		NO
	(b) Where	Design Was Most Recently Used -		N/A
	(2) Tetal Coat (	$(\lambda - (\lambda + (1\lambda + (1\lambda + (1\lambda)))))$		(******
	(3) Iotal Cost (	(c) = (a) + (b)  or  (d) + (e):		(\$000)
	(a) Product $(b) \land 11 \circ b$	tion of Plans and Specifications		294 147
	(0) All Ou (c) Total	ler Design Cosis		147 141
	(c) rotar (d) Contra	at		441 1/1
	(e) In-Hou			++1
	(0)			
	(4) Contract Av	ward (Month/Year)		FEB 2011
	(5) Constructio	nn Start		MAR 2011
	(5) Construction	ii Statt		
	(6) Constructio	n Completion		MAR 2012
	* Indicates is compara	completion of Project Definition with Parametric Cost Estimate ble to traditional 35% design to ensure valid scope and cost and	which executabi	lity.
b. 1	Equipment assoc	iated with this project will be provided from other appropriation	s:	N/A
PO	INT OF CONTA	ACT: Keith McCallie		
		(301) 836-8083		

1. COMPONENT	FY 2011 MILITARY CO	NSTRUCTIO	ON PR	OJECT DA	ТА	2. 1	DATE
	(comp	uter generate	d)				
ANG			4 1			Feb	ruary 2010
3. INSTALLATION AND	LOCATION		4. I	ROJECT	ODED AT	IONS	CENTED
NEW CASTLE COUNTY	AIRPORT. DELAWARE		ANGS	SHARE	OFERAL	IONS	CENTER -
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	TNUN	ABER	8. PROJ	ECT (	COST(\$000)
52276F	610-287	JLW	/S0791	03		\$1,:	500
	9. COST	ESTIMATE	S				
					UNI	Т	COST
IONT OPED ATIONS OF	ITEM		U/M	QUANIII 427	Y COS	Т	(\$000)
JOINT OPERATIONS CE	INTER - ANG SHARE		SM SM	427	2	122	(1.073)
ANTITERRORISM FO	RCE PROTECTION		SM	427	2,-	22	(1,034)
SDD&EPACT (3%FOF	LEED CERT/ENERGY C	CONSERV)	LS				( 30)
SUPPORTING FACILIT	IES		LS				290
UTILITIES			LS				( 120)
PAVEMENIS	TE IMPROVEMENTS						(100)
COMMUNICATIONS	SUPPORT		LS				( 33)
SUBTOTAL							1,363
CONTINGENCY (5%)							68
TOTAL CONTRACT CO	ST FION AND OVERHEAD (	$\langle \zeta 0 \rangle$					1,431
TOTAL REQUEST	I ION AND OVERHEAD (	0%)					$\frac{80}{1517}$
TOTAL REQUEST (ROU	NDED)						1,500
	,						
10. Description of Prop	osed Construction: Rein	forced conc	rete fo	undation	and floor	slab	with steel
framed masonry walls an	d roof structure. Interior	walls and	utilitie	s. Miscell	laneous e	xterio	or work,
pavements, and landscap	ing.						
Air Conditioning: 105 K	$\frac{W}{427} \text{ SM}  \text{ADEOUATE}.$	O CM CI	IDOT		. 260 GN	л	
PROJECT: Joint Opera	427 SM ADEQUATE:	USIVI SU Current N	JBS1F Aission		: 209 SN	1	
<b>REQUIREMENT:</b> The	DE ANG requires space	for joint on	eration	ns center f	or contine	venci	es and
emergency situations. J	oint operations are condu	cted with th	ne Dela	aware Arn	ny Nation	al G	uard
(DEARNG). The HQ D	EANG also includes the	ANG senio	r staff	to the Ad	jutant Ge	neral	(TAG) as
well as the air liaison to	the State Area Command	l (STARC)	and to	the other	State and	Fede	eral disaster
agencies.							
CURRENT SITUATIO	<u>N</u> : The Chief, National C	Juard Burea	u has	directed th	he Delawa	are N	lational
Guard must develop a Jo	ount Forces Headquarters	and Operat	ions C	enter. The	e Adjutan	it Gei	neral (TAG)
requires all headquarters	personnel be collocated	to achieve $($	optima	ll mission	effective	ness.	The Army
This project provides the	ANG share of a joint fa	r 2011 to co cility The		EANG fac	orces oper	ration	l at New
Castle County Airport	L'ANO share of a joint ra Loint activities require pe	ersonnel to r	eneate	dly transi	t security	chec	k points as
well as travel through de	ensely-populated resident	ial areas an	d heav	ilv conges	sted secor	ndarv	roads to
accomplish routine miss	ions. This condition neg	atively imp	acts th	e commar	nd and con	ntrol	of the Joint
Forces HQ. It is not effe	ective for the HQ DE NG	staff to tra	vel thr	ough these	e circums	tance	es to attend
meetings and provide th	e command, control and	coordination	n or to	respond p	promptly	to Sta	ate or
National emergencies.							
IMPACT IF NOT PROV	<u>/IDED</u> : Accept risk of e	mergency c	peration	ons missic	on failure	due	to disjointed
command and control fu	nctions. Mission readine	ess continue	s to be	e degradec	1 with the	curr	ent TAC
separation. Ineffective e	hondquestors with cont	Juard resou	rces d	uring eme	rgencies.	Acc	tept IAG
assistance in the Air Cur	and and State issues	nueu uegra	ueu co	mmumcat	nons nece	ssary	y 101
assistance in the All Out	וות מות שומור ושטורש.						

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DA	TA	2. DATE
	(computer generated)		
ANG			February 2010
3. INSTALLATION	AND LOCATION		
NEW CASTLE COUL	NTY AIRPORT, DELAWARE		
5. PROJECT TITLE		7. PROJE	ECT NUMBER
JOINT FORCES OPE	RATIONS CENTER - ANG SHARE	JI	LWS079103
ADDITIONAL: TI	nis project will be conjunctively funded with the DEARN	G project	in a new Joint
Forces Readiness C	enter located at New Castle County Airport, New Castle,	Delaware	e. This project
represents the ANG	portion of the project. The relocation of HQ DEANG to	the prope	osed Joint Forces
Headquarters and o	perations center will generate approximately 2900 SF that	t will be r	eallocated to
other activities at N	ew Castle County Airport that are currently space deficient	nt. This r	project meets the
criteria/scope speci	fied in Air National Guard Handbook 32-1084, "Facility I	Requirem	ents" and is in
compliance with the	e base master plan. These facilities are "inhabited" buildi	ngs and n	neet the standoff
distance requirement	nts. There is minimal threat and the level of protection is	low so m <sup>2</sup>	inimum
construction standa	rds have been applied. This facility can be used by other	compone	nts on an "as
available" basis: ho	wever, the scope of the project is based on Air National C	Juard rea	uirements. All
known alternatives/	options were considered during the development of this p	roject. N	o other option
could meet the miss	sion requirements: therefore, no economic analysis was ne	eded or r	performed.
Project will incorpo	brate Leadership in Energy and Environmental Design (LE	ED) and	sustainable
development conce	pts so as to achieve optimum resource efficiency constru	ctability	sustainability
and energy conserv	ation while minimizing adverse impact to the built and n	atural env	vironments
through all phases of	of its life cycle. This may result in primary facility costs e	exceeding	DoD costing
standards but the it	nitial investment in higher acquisition cost will be rewarded	d with lo	wer life cycle
costs This is consi	stent with the requirements of the Energy Policy Act of 2	005 (FPA	ct05) 10 USC
2805(c) Executive	Order 13423 and other applicable laws and Executive $\Omega$	rders	
2005 (C), Executive	order 15+25, and other applicable laws and Excentive O	14015.	

OPERATIONS CENTER

427 SM = 4,600 SF

1. CO	OMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DAT	ГA	2. DATE
		(computer generated)		- :
2 1	ANG			February 2010
э. ш	STALLATION	AND LUCATION		
NEW	CASTLE COU	NTY AIRPORT, DELAWARE		
5. PR	OJECT TITLE		7. PROJE	ECT NUMBER
IOIN		DATIONS CENTED ANG SUADE	п	WS070103
JOIN	I FURCES UI E	RATIONS CENTER - AND SHARE		W 3079103
12.	SUPPLEMENT	ΥΔΙ. ΠΑΤΑ·		
12.	DOTT LETTER -			
a.	Estimated Desig	gn Data:		
	(1) Status:			
	(1) Status. (a) Date $\Gamma$	lecion Started		ШШ 2008
	(a) Date D (b) Parame	resign Station		No
	(0) Farance $(c)$ Percent	Complete as of Ian 2010		35%
	(c) 1 ciccin * (d) Data 34	Section 2010		5570 TAN 2010
	(u) Date J.	1% Designed		JAN 2010 SED 2010
	(e) Date D	esign Complete		SEP 2010
	(I) Type of	Design Contract		VEC
	(g) Energy	Study/Life-Cycle analysis was/will be performed		1E2
	() Basis			
	(2) Dasis. $(z)$ Standar			NO
	(a) Stanuar	d or Definitive Design -		
	(b) Where	Design Was Most Recently Used -		N/A
	(2) Tetal Coat (			(\$000)
	(3) Total Cost (	(c) = (a) + (b)  or  (d) + (e):		(\$000)
1	(a) Produc	tion of Plans and Specifications		90
	(b) All Oth	ier Design Costs		45
	(c) Total			135
	(d) Contra	et		135
	(e) In-Hou	se		
	(A) Contract Ar	1 (0.1		PPD 2011
	(4) Contract Av	ward (Month/Year)		FEB 2011
	(5) Constructio	n Start		MAR 2011
	(5) Constructed	n Start		1011 HX 2011
	(6) Constructio	n Completion		MAR 2012
	* Indicates	completion of Project Definition with Parametric Cost Estimate	which	
	is comparal	ble to traditional 35% design to ensure valid scope and cost and e	executabi	lity.
				-
<b>b.</b> ]	Equipment assoc	iated with this project will be provided from other appropriations	s:	N/A
PO	INT OF CONTA	CT: David Thompson		
		(301) 836-8429		
		(301) 030 0423		

1. COMPONENT		FY 2011 MILITARY CO	NSTRUCTIO	ON PR	OJECT DA	ТА	2.	DATE
		(comp	uter generate	d)			E-1	2010
ANG 3 INSTALLATION	AND I	I OCATION		<u>4</u>	PROIFCT	TITI F	Fet	bruary 2010
5. INSTALLATION		Location		SECUI	RITY FOR	CES TRA	ININ	łG
JACKSONVILLE IN	TERN	ATIONAL AIRPORT, FL	ORIDA	FACIL	JTY			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	T NUN	<b>IBER</b>	8. PROJ	ECT	COST(\$000)
52276F		730-835	LSGA	402900	)9A		\$6,	,700
		9. COST	ESTIMATE	S				
						UNI	Т	COST
		ITEM		U/M	QUANTIT	Y COS	Т	(\$000)
SECURITY FORCE	S TRA	INING FACILITY		SM	1,815		0.60	5,316
SECURITY FOR	ES O	PS AND TRAINING AR	ΕA	SM SM	1,301	2,9	760   176	(3,851)
EITNESS CENTE	VI I KA R A R I	AINING AREA = FA		SM	510 198		+70 476	(782)
ANTITERRORIS	M FOF	RCE PROTECTION		SM	1.814	<i></i> ,-	22	(40)
SDD&EPACT (39	6FOR	LEED CERT/ENERGY C	ONSERV)	LS	1,011			( 153)
SUPPORTING FAC	ILITIE	ES						745
UTILITIES				LS				( 215)
REPLACEMENT	PARK	ING		LS				( 300)
SITE IMPROVEN	IENTS							(75)
STORM WATER	MAN.	AGEMENT						( 80)
SUBTOTAL	1012 11 12			Lo				6.061
CONTINGENCY (5	%)							303
TOTAL CONTRAC	T COS	T						6,364
SUPERVISION, INS	PECT	TON AND OVERHEAD (	6%)					382
TOTAL REQUEST	moin							6,746
TOTAL REQUEST (	ROUI	NDED)						6,700
10. Description of	Propo	sed Construction: Rein	forced conc	rete fo	undation a	and floor	slab	with steel
framed masonry wa	lls and	d roof structure. Interior	walls, utili	ties an	d commu	nications.	Ext	terior work
includes: utilities, p	avem	ents, site improvements,	communic	ations	and other	support.	The	facility is
designed to support	prewi	red work stations.						
Air Conditioning: 1	75 KV	V.						
11. REQUIREMEN	NT: 1	,861 SM ADEQUATI	E: 46 SM	SUBS	STANDA	RD: 767	SM	
<u>PROJECT</u> : Securit	y For	ces Training Facility (Cu	urrent Missi	on)				
REQUIREMENT:	The 1	25th Fighter Wing requ	ires an adeq	uately	configure	ed and pr	operl	ly sized space
to conduct security	opera	tions, train security forc	es personne	I, prov	ride fitnes	s conditio	ming	and provide
weapons training to	or all v	ving personnel. This tra	ining is nec	essary	to suppor	rt the Wir	ig s	18-PAA
F-15C assigned airc	cran (	Air Defense) for wartim	e taskings, a	ar sov	ereignty a	liert taski	ngs a	ind other
assigned 24-nour of	atora	nd maintenance fitness	conter mob	ility of	torage an	d weepon		s, combat
CURRENT SITUA	TION	I. The Security Forces S	Conter, mou	ombat	arms trair	u weapon	lator	$(C \Delta T S)$
combat arms trainir	o mai	intenance (CATM) func	tions occum	v only	36% of th	ning sinnu neir autho	rized	d space
within buildings 10	05  and	d 1018 Room for expan	usion in the	se faci	lities is no	ot availab	le (	)ther
functions within the	ese fac	cilities are also short of s	pace. Ecor	omica	llv. it is b	etter to re	eloca	te the
security forces and	allow	the other functions to ex	kpand into t	he vac	ated space	e. The 12	25th	facilities, as a
whole, have insuffi	cient s	space for mission operat	ions and tra	ining a	and are at	only 83%	5 for	their total
authorized facility r	equire	ement. Dedicated CATI	M and CAT	S area	s are non-	existent a	und t	heir supplies
and equipment are	stored	in outdoor containers.	This increa	ses eq	uipment d	leteriorati	on d	ue to changes
in temperature and	humic	lity. All weapons training	ng is conduc	cted at	a local fir	ring range	e loca	ated nearly an
hour from the base,	causi	ng lost time and increase	ed operation	is cost	s due to th	ne transpo	ortati	on of
personnel and share	ed sch	eduling with the range o	wners. The	e fitnes	s center is	s undersiz	zed a	nd not
L								

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DAT	ГА	2. DATE
	(computer generated)		<b>D</b> -1 2010
ANG 3 INSTALLATION			February 2010
5. INSTALLATION	AND LOCATION		
JACKSONVILLE IN	TERNATIONAL AIRPORT, FLORIDA		
5. PROJECT TITLE		7. PROJI	ECT NUMBER
			~
SECURITY FORCES	TRAINING FACILITY		GA029009A
centrally located. U	Jpon completion of this project, the areas vacated by the s	security fo	brees will be
IMPACT IF NOT I	a for other functions which are also short of space.	one enoce	ariously
degrade training of	<u><b>KOVIDED</b></u> . Continued shortages of training and operated de	ons space	of training and
mobility equipment	thus directly impacting the wing's readiness. A reduced	state of	readiness directly
impacts the wing's	ability to respond and provide support to assigned militar	v personr	el and domestic
missions. An adequ	uately sized security forces training facility is required to	provide t	he required level
of security force pr	otection and training. Inadequate weapons storage and we	eapons tra	aining facilities
areas continue to ne	egatively impact and degrade wing readiness. The fitness	, health a	nd well being of
wing personnel doe	s not meet the standards set by the Air Force due to inade	quately s	ized and
configured facilities	s. Existing parking areas cannot meet antiterrorism and fo	orce prote	ection
requirements.			· · ·· ···
ADDITIONAL: T	nis project meets criteria/scope specified in ANG Handbo	ok 32-10	84, "Facility
Requirements" and	is in compliance with the base master plan. Antiterrorism	n/Force P	rotection
requirements have	been considered and incorporated in the development of the	his projec	t. This facility
can be used by out	or components on an "as available" basis; nowever, the second requirements. Droject will incorporate Loadership in	ope of the	project is based
Oll All National Ou Design (LEED) and	ard requirements. Project will incorporate Leadership in I	Ellergy ai	10 Environmentar
constructability su	I sustainability and energy conservation while minimizing a	duerse im	urce entremely,
and natural environ	ments through all phases of its life cycle. This may result	t in nrima	pact to the built
exceeding DoD cos	ting standards but the initial investment in higher acquisi	tion costs	s will be rewarded
with lower life cycl	e costs This is consistent with the requirements of the E	nergy Pol	icv Act of 2005
(EPAct05). 10 USC	2 2805 (c). Executive Order 13423, and other applicable la	aws and F	Executive Orders.
An economic analy	sis has been prepared comparing the alternatives of new c	constructi	on, revitalization,
leasing and status q	uo operation. Based on the net present values and benefit	ts of the r	espective
alternatives, new co	onstruction was found to be the most cost efficient over th	e life of t	he project.
CATS AND CATM	I TRAINING AREA 316	$5 \mathrm{SM} = 3$	,400 SF
FITNESS CENTER	RAREA 198	3 SM $= 2$	,130 SF
SECURITY FORC	ES OPS AND TRAINING AREA 1,301	I SM = 14	4,000 SF

1. C	OMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DA	TA	2. DATE
		(computer generated)		
2 1	ANG			February 2010
3. IN	ISTALLATION .	AND LOCATION		
JACH	KSONVILLE IN	TERNATIONAL AIRPORT, FLORIDA		
5. PR	OJECT TITLE		7. PROJE	ECT NUMBER
SECU	JRITY FORCES	TRAINING FACILITY	LS	GA029009A
12.	SUPPLEMENI	'AL DATA:		
a.	Estimated Desig	gn Data:		
	-	·		
	(1) Status:	N 1 0 0 0 0 1		TAN 2000
	(a) Date D	Jesign Started		JAN 2008
	(b) Parame	stric Cost Estimates used to develop costs		1NO 250/
	(C) Percent	Complete as of Jan 2010		55% 9000
	* (d) Date 53	5% Designed		SEP 2009
	(e) Date D	esign Complete		JAN 2011
	(f) Type of	T Design Contract		
	(g) Energy	Study/Life-Cycle analysis was/will be performed		YES
	(7) Racis			
	(2) Dasis.	rd or Definitive Design		No
	(a) Standar (b) Where	Design Was Most Desantly Used		110
	(D) where	Design was most recently Used -		
	(3) Total Cost (	$(a) - (a) \perp (b) \text{ or } (d) \perp (a)$		(\$000)
	(a) Produc	(c) = (a) + (b) of (a) + (c).		402
	(a) FIULUE	uon or Frans and Specifications		402 201
	(0) All Out	ler Design Cosis		201
	(C) 10tai			003
	(d) Contrac	ct		603
	(e) In-Hou	se		
	(4) Contract A	ward (Month/Year)		FFR 2011
	(4) Contract 11,			TLD 2011
	(5) Constructio	n Start		MAR 2011
	(6) Constructio	on Completion		MAR 2012
1	Ψ T	1 (1) (D) (1) (D) (1) (1) Doministria (Cont Entimeter	1.1.1.	
	* Indicates	completion of Project Definition with Parametric Cost Estimate	which	1.
	is comparat	ole to traditional 35% design to ensure valid scope and cost and	executabi	lity.
h	Equipment assoc	iated with this project will be provided from other appropriation	16.	N/A
0.	Equipment assoc	lated with this project will be provided from other appropriation	15.	11/17
1				
DO				
ru	INT OF CONTA	(201) 927 9107		
		(301) 830-8197		

ANG         (computer generated)         February 2010           3. INSTALLATION AND LOCATION         4. PROJECT TITLE           SAVANNAH/HILTON HEAD IAP, GEORGIA         RELOCATE ASOS FACILITIES           5. PROGRAM ELEMENT         6. CATEGORY CODE         7. PROJECT NUMBER         8. PROJECT COST(5000)           52671F         141-753         XDQU069150         \$7.450           Source STIMATES           UM QUANTITY         COST         (5000)           RELOCATE ASOS FACILITIES         SM         3.252         5.757           OPS AND SUPPORT SPACE         SM         1.305         1.916         (2.300)           SHOP AREA         SM         449         2.1916         (2.005)           NTTERRORISM FORCE PROTECTION         SM         1.858         2.29         (1.41)           SUPPORTING FACILITIES         SM         1.858         (2.25)         (1.5)           SUPPORTING FACILITIES         I.S         (1.5)         (1.6)           SUPPORTING FACILITIES         I.S         (1.5)         (1.6)           SUPERTOR STACE (3PROTECTION SUPPORT         I.S         (1.5)         (1.6)           SUBTOTAL         I.S         (1.6)         (2.28)           SUBTOTAL	1. COMPONENT		FY 2011 MILITARY CO	NSTRUCTIO	ON PR	OJECT DA	ТA	2.	DATE
ANG         IP CONCEPTION         IP ROJECT TITLE           S. INSTALLATION AND LOCATION         4. PROJECT TITLE           SAVANNAH/HILTON HEAD TAP, GEORGIA         RELOCATE ASOS FACILITIES           S. PROGRAM ELEMENT         6. CATEGORY CODE         7. PROJECT NUMBER         8. PROJECT COST(5000)           52671F         141-753         XDQU069150         \$7,450           9. COST ESTIMATES           UM QUANITY COST (\$5000)           RELOCATE ASOS FACILITIES           OPS AND SUPPORT SPACE         SM         3,252         (\$5,77)           OPS AND SUPPORT SPACE         SM         1,305         1,916         (\$2,500)           SUPPORT SPACE         SM         1,304         1,399         (\$1,950)           NELOCATE ASOS FACILITIES         SM         4.99         1,616         (\$2,500)           VEHICLE WASH AREA         SM         4.394         1,399         (\$1,950)           NUPPORT SIGE ROTECTION         SM         1.385         22         (\$159)           SUPPORTING FACILITIES         \$15         \$125         \$125         \$125         \$125         \$125         \$125         \$125         \$125         \$125         \$125			(comp	uter generate	d)				2010
3. INSTALLATION AND LOCATION       I. PROJECT TITLE         SAVANNAH/HILTON HEAD IAP, GEORGIA       RELOCATE ASOS FACILITIES         5. PROGRAM ELEMENT       6. CATEGORY CODE       7. PROJECT NUMBER       8. PROJECT COST(5000)         52671F       141-753       XDQU069150       \$7.450         9. COST ESTIMATES       9. COST ESTIMATES       0. Status       \$5.757         OPS AND SUPPORT SPACE       SM       3.252       \$7.750         SHO AREA       SM       4.49       1.916       (.2500)         SHO PAREA       SM       4.49       1.916       (.2500)         SHO CATE ASOS FACILITIES       SM       1.305       1.916       (.2500)         SHO AREA       SM       4.49       1.599       (.1,590)         ANTITERORISM FORCE PROTECTION       SM       1.858       2.2       (.41)         SUPPORTING FACILITIES       LS       (.159)       (.159)         SUPPORTING FACILITIES       LS	ANG 2 INSTALLATION				<u>/ I</u>	POTECT	τιτι Γ	Fel	oruary 2010
SAVANNAH/HILTON HEAD IAP, GEORGIA         RELOCATE ASOS FACILITIES           5. PROGRAM ELEMENT         6. CATEGORY CODE         7. PROJECT NUMBER         8. PROJECT COST(5000)           52671F         141-753         XDQU069150         \$7,450           STEMATES           UM         QUANITY         UNIT         COST           STEMATES           ITEM         UM         QUANITY         COST         \$5,757           OPS AND SUPPORT SPACE         SM         1,305         1,916         (2,800)           SHO PAREA         SM         4469         1,916         (2,800)           VEHICLE STORAGE AREA         SM         1,395         (1,950)         ANTITERORUSM FORCE PROTECTION         SM         1,858         22         (41)           SUPPORTING FACILITIES         IS         (150)         (150)         936         (170)           UPTIOTING FACILITIES         IS         (150)         (150)         (150)         (160)           SUPPORTING FACILITIES         IS         (150)         (150)         (150)         (150)           SUPPORTING FACILITIES         IS         (150)         (150)         (150)         (150)         (150)	5. INSTALLATION A	AND I	LOCATION		4. I	-KUJEC I	IIILE		
5. PROGRAM ELEMENT       6. CATEGORY CODE       7. PROJECT NUMBER       8. PROJECT COST (\$000)         52671F       141-753       XDQU069150       \$7,450         9. COST ESTIMATES         UMIT       COST         OPE AND SUPPORT SPACE       \$M       3,252       \$7,577         OPE AND SUPPORT SPACE       \$M       1,305       1,916       (2,500)         SHOP AREA       \$M       4.69       1,916       (2,500)         SHOP AREA       \$M       4.69       1,916       (2,500)         NHTERRORISM FORCE PROTECTION       \$M       1,394       1,399       (1,950)         SUPPORTING FACILITIES       \$M       1,358       22       (41)         SDD&EPACT (3%FOR LEED CERT/ENERGY CONSERV)       1.5       (125)       (159)         SUPPORTING FACILITIES       \$LS       (150)       (225)         SUPORTING FACILITIES       \$LS       (150)       (225)         SUPORTING FACILITIES       \$LS       (150)       (225)         SUPORTING FACILITIES       \$LS       (225)       (25)         SUPORTING FACILITIES       \$LS       (128)       (228)         SUPORTING FACILITIES       \$LS       (2280)       (2280)	SAVANNAH/HILTO	N HE.	AD IAP, GEORGIA		RELO	CATE ASC	OS FACIL	JTIE	S
52671F         141-753         XDQU069150         57.450           9. COST ESTIMATES         UNIT         COST         (S000)           RELOCATE ASOS FACILITIES         SM         3,252         (5000)           SHOP AND SUPPORT SPACE         SM         1,305         1,916         (2,200)           SHOP AND SUPPORT SPACE         SM         4,60         1,916         (2,200)           SHOP AREA         SM         4,64         1,916         (2,200)           VEHICLE STORAGE AREA         SM         84         2,476         (2,00)           NTITERRORISM FORCE PROTECTION         SM         1,858         22         (41)           SUPPORTING FACILITIES         LS         (159)         (159)         (159)           SUPPORTING FACILITIES         LS         (150)         (225)         (150)         (225)           STET IMPROVEMENTS         LS         (150)         (150)         (150)         (2280)           SUPERVISION, INSPECTION SUPPORT         LS         (150)         (2280)           SUPERVISION, INSPECTION AND OVERHEAD (6%)         2422         7,450           OTAL CONTRACT COST         SUPERVISION, INSPECTION AND OVERHEAD (6%)         2422           TOTAL CONTRACT COST         SUPA ADE	5. PROGRAM ELEMI	ENT	6. CATEGORY CODE	7. PROJEC	T NUN	<b>/IBER</b>	8. PROJ	ECT	COST(\$000)
52671F         141-753         XDQU069150         \$7,450           9. COST ESTIMATES           ITEM         UM         QUANTITY         COST           RELOCATE ASOS FACILITIES         \$\$M         3,252         5,757           OFS AND SUPPORT SPACE         \$\$M         3,305         1,916         (2,300)           SHOP AREA         \$\$M         469         1,916         (2,300)           VEHICLE WASH AREA         \$\$M         469         1,916         (2,300)           VEHICLE STORAGE AREA         \$\$M         1,394         1,399         (1,950)           ONTERERORISM FORCE PROTECTION         \$\$M         1,388         22         (41)           SUPPORTING FACLIFIES         \$\$LS         (150)         (150)           UTLIFIES         \$\$LS         (150)         (260)         (280)           COMMUNICATION SUPPORT         \$\$LS         (280)         (362)         (362)           SUPERTIS         \$\$LS         (280)         (362)         (362)         (362)         (362)         (362)         (362)         (362)         (362)         (362)         (362)         (362)         (362)         (362)         (362)         (352)         (370)         (352)         <									
9. COST ESTIMATES           ITEM         U/M         QUANTITY         COST         COST           RELOCATE ASOS FACILITIES         SM         3.252         5.757           OPS AND SUPPORT SPACE         SM         1.305         1.916         (.8000)           SHOP AREA         SM         1.304         1.916         (.8000)           VEHICLE WASH AREA         SM         1.469         1.916         (.8000)           VEHICLE STORAGE AREA         SM         1.394         1.399         (.1950)           ANTITERRORISM FORCE PROTECTION         SM         1.88         2.2         (.41)           SUPPORTING FACILITIES         LS         936         (.185)           PAVEMENTS         LS         (.185)         (.185)           PAVEMENTS         LS         (.226)         (.185)           CONTINGENCY (5%)         LS         (.280)         (.280)           OUTININGENCY (5%)         .335         7.028         3.352           TOTAL CONTRACT COST         SUPERVISION, INSPECTION AND OVERHEAD (6%)         .335         7.028           SUPERVISION, INSPECTION AND OVERHEAD (6%)         .335         7.450         .335           TOTAL REQUEST         .11. REQUIREMENT: 3.252.2 M ADEQUATE: O SM SUBST	52671F		141-753	XDQ	U0691	50		\$7.	,450
TEMUMUNITCOST(\$000)RELOCATE ASOS FACILITIESSM3,2525,757(\$900)SHOP AND SUPPORT SPACESM1,3051,916(\$2,500)SHOP AREASM4691,916(\$2,500)VEHICLE WASH AREASM842,476(\$200)VEHICLE STORAGE AREASM1,3441,399(\$1,950)ANTITERORISM FORCE PROTECTIONSM1,85822(\$41)SUDPAEPACT (3%FOR LEED CERT/ENERGY CONSERV)LS(\$150)(\$150)OUTLUTIESLS(\$150)(\$150)(\$150)ODMUNICATION SUPPORTLS(\$160)(\$160)PAVEMENTSLS(\$160)(\$160)COMMUNICATION SUPPORTLS(\$160)CONTINGENCY (\$%)LS(\$160)CONTINGENCY (\$%)			9. COST	ESTIMATE	S	n			1
TELOCATE ASOS FACILITES       SM       3.252       5.757         OPS AND SUPPORT SPACE       SM       1.305       1.916       (2.500)         SHOP AREA       SM       469       1.916       (899)         VEHICLE WASH AREA       SM       469       1.916       (899)         VEHICLE STORAGE AREA       SM       1.394       1.399       (1.950)         ANTTERRORISM FORCE PROTECTION       SM       1.358       22       (41)         SUPPORTING FACILITIES       LS       936       (155)       936         UTILITIES       LS       (185)       936       (155)       (150)         SUPPORTING FACILITIES       LS       (185)       (185)       (185)         PAVEMENTS       LS       (185)       (226)       (150)         COMMUNICATION SUPPORT       LS       (150)       (280)         SUBTOTAL       COSTINGENCY (5%)       -335       7.028         SUPERVISION, INSPECTION AND OVERHEAD (6%)       7.422       7.450         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, pavem						0111) <del>-</del>	UNI	ΙT	COST
RELOCATE ASDS FACILITIES       SM       1,323       1,916       (2,500)         OPS AND SUPPORT SPACE       SM       1,305       1,916       (2,500)         SHOP AREA       SM       469       1,916       (2,500)         VEHICLE WASH AREA       SM       84       2,476       (208)         VEHICLE WASH AREA       SM       1,394       1,399       (1,950)         ANTITERRORISM FORCE PROTECTION       SM       1,858       22       (41)         SD&ZEPACT (3%FOR LEED CERT/ENERGY CONSERV)       LS       (150)       (150)         VEHICLE MASH ACCLLITIES       LS       (150)       (225)         SITE IMPROVEMENTS       LS       (150)       (280)         COMMUNICATION SUPPORT       LS       (280)       (3,33)         SUBTOTAL       SUBTOTAL       (50)       (3,35)         CONTINGENCY (5%)       1.5       (280)       (280)         TOTAL CONTRACT COST       7,028       (7,450)         SUPERVISION, INSPECTION AND OVERHEAD (6%)       7,450       (422)         IO.       Description of Proposed Construction: Reinforced concrete foundation and floor slab with spread footings and engineered fill, brick masonry exterior, masonry walls, grysum and steel stud partition walls, fixtures and hardware, mechanical and plumbing, electrical		EACH	ITEM		U/M	QUANIII	Y COS	51	(\$000)
SHOP AREA       SM       1500       (2.300)         SHOP AREA       SM       849       2,476       (2.08)         VEHICLE WASH AREA       SM       1394       1,399       (1.950)         VEHICLE STORAGE AREA       SM       1,358       22       (41)         SDDAEPACT (3%FOR LEED CERT/ENERGY CONSERV)       LS       936       936         SUPPORTING FACILITIES       LS       (159)       936         UTILITIES       LS       (150)       (225)         SITE IMPROVEMENTS       LS       (150)       (225)         SITE IMPROVEMENTS       LS       (150)       (226)         SUBTOTAL       (150)       (150)       (150)       (150)         CONTINGENCY (5%)       LS       (150)       (228)         TOTAL CONTRACT COST       7,028       (228)       (228)         SUPERVISION, INSPECTION AND OVERHEAD (6%)       -422       (7,450)         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.         Air Conditioning: 3	OPS AND SUPPO	FACII RT SI	LITIES		SM SM	3,252 1 305	1	916	(2500)
VEHICLE WASH AREA       SM       84       2.476       (208)         VEHICLE STORAGE AREA       SM       1,394       1,399       (1,950)         ANTITERORISM FORCE PROTECTION       SM       1.858       22       (41)         SUDPORTING FACULITIES       LS       (159)         SUPPORTING FACULITIES       LS       (159)         OWNENDERTS       LS       (18)         STEE IMPROVEMENTS       LS       (16)         COMMUNICATION SUPPORT       LS       (16)         SUBTOTAL       (16)       (16)         COMMUNICATION SUPPORT       LS       (16)         SUBTOTAL       (16)       (16)         CONTINGENCY (5%)       335       7,028         TOTAL CONTRACT COST       SUPERVISION, INSPECTION AND OVERHEAD (6%)       7,028         SUPERVISION, INSPECTION AND OVERHEAD (6%)       7,450       422         TOTAL REQUEST       7,450       422         TOTAL REQUEST       7,450       422         TOTAL REQUEST       250 KM       27,450         10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with spread footings and engineered fill, brick masonry exterior, masonry walls, gysum and steel stud partition walls, fixtures and hardware, mechanical and plumbing, electrical, standing seam m	SHOP AREA	KI SI	ACL		SM	469	1.9	916	( 2,300)
VEHICLE STORAGE AREA       SM       1,394       1,399       (1,950)         ANTITERRORISM FORCE PROTECTION       SM       1,858       22       (41)         SDD&EPACT (3%FOR LEED CERT/ENERGY CONSERV)       LS       (159)         SUPPORTING FACILITIES       LS       (159)         PAVEMENTS       LS       (150)         COMMUNICATION SUPPORT       LS       (150)         COMMUNICATION SUPPORT       LS       (220)         SUBTOTAL       (220)       (335)         CONTINGENCY (5%)       335       7,028         TOTAL CONTRACT COST       2422       7,450         SUPERVISION, INSPECTION AND OVERHEAD (6%)       235       7,028         TOTAL REQUEST	VEHICLE WASH	ARE	4		SM	84	2,4	476	( 208)
ANTITERRORISM FORCE PROTECTION       SM       1,858       22       (41)         SDD&EPACT (3%FOR LEED CERT/ENERGY CONSERV)       LS       936         UTILITIES       LS       (185)         PAVEMENTS       LS       (185)         PAVEMENTS       LS       (225)         SITE IMPROVEMENTS       LS       (150)         COMMUNICATION SUPPORT       LS       (280)         SUBTOTAL       (569)       (280)         SUBTOTAL       (569)       (360)         CONTINGENCY (5%)       -335       (7.028)         TOTAL CONTRACT COST       -7.028       -7.450         SUPERVISION, INSPECTION AND OVERHEAD (6%)       -422       -7.450         TOTAL REQUEST       -7.450       -422         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.         Air Conditioning: 350 KW.       11. REQUIREMENT: 3,252 SM ADEQUATE: 0 SM SUBSTANDARD: 1,374 SM PROJECT: Relocate Air Support Operations Squadron (New Mission)         REQUIREMENT: The base requires adequately sized and properly configured facility with the necessary	VEHICLE STORA	GE A	REA		SM	1,394	1,	399	(1,950)
SDDEPACT (3%FOR LEED CERT/ENERGY CONSERV)       LS       (159)         SUPPORTING FACILITIES       LS       (185)         UTILITIES       LS       (185)         PAVEMENTS       LS       (150)         SITE IMPROVEMENTS       LS       (150)         COMMUNICATION SUPPORT       LS       (150)         COMTINGENCY (5%)       1.5       (150)         TOTAL CONTRACT COST	ANTITERRORISM	1 FOF	RCE PROTECTION		SM	1,858		22	( 41)
SUPPORTING FACILITIES       1.5       936         UTILITIES       1.5       (185)         PAVEMENTS       1.5       (125)         SITE IMPROVEMENTS       1.5       (150)         COMMUNICATION SUPPORT       1.5       (225)         SUBTOTAL       (280)       6.693         CONTINGENCY (5%)       335       7.028         TOTAL CONTRACT COST       335       7.028         SUPERVISION, INSPECTION AND OVERHEAD (6%)       422       7.450         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.         Air Conditioning: 350 KW.       11. REQUIREMENT: 3.252 SM ADEQUATE: 0 SM SUBSTANDARD: 1.374 SM         PROJECT: Relocate Air Support Operations Squadron (New Mission)       REOUIREMENT: The base requires an adequately sized facilities for the Air Support Operations Squadron (ASOS). The mission requires an adequately sized and properly configured facility with the necessary electrical and mechanical systems 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 HMW vehicles.         CURRENT SITUATION: Facilit	SDD&EPACT (3%	FOR	LEED CERT/ENERGY C	CONSERV)	LS				( 159)
DAVEMENTS       LS       (1225)         SITE IMPROVEMENTS       LS       (150)         COMMUNICATION SUPPORT       LS       (150)         FIRE PROTECTION SUPPORT       LS       (225)         SUBTOTAL       (280)       (96)         SUBTOTAL       (5%)       (7.028)         CONTINGENCY (5%)       (7.028)       (7.028)         TOTAL CONTRACT COST       (7.028)       (7.450)         SUPERVISION, INSPECTION AND OVERHEAD (6%)       (422)       (7.450)         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.       Air Conditioning: 350 KW.         11. REQUIREMENT: The base requires adequately sized and properly configured facility with the necessary electrical and mechanical systems 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 HMW vehicles.         CURRENT SITUATION: Facilities do not exist at Savannah for the mission. The 165th ASOS mission is located at Glynn County airport of a small tract of land. The site houses both the ASOS and the 224th Joint Communications Support Squadron (JCSS). Both functions are short of space. There is insuffic	SUPPORTING FACI	LITIE	28						936
SITE IMPROVEMENTS       LS       (150)         SITE IMPROVEMENTS       LS       (150)         COMMUNICATION SUPPORT       LS       (280)         SUBTOTAL       LS       (280)         SUBTOTAL       6.693       335         TOTAL CONTRACT COST       7.028         SUPERVISION, INSPECTION AND OVERHEAD (6%)       422         TOTAL REQUEST       7.450         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.         Air Conditioning: 350 KW.       11. REQUIREMENT: 3.252 SM ADEQUATE: 0 SM SUBSTANDARD: 1,374 SM PROJECT: Relocate Air Support Operations Squadron (New Mission)         REQUIREMENT: The base requires adequately sized facilities for the Air Support Operations Squadron (ASOS). The mission requires an adequately sized and properly configured facility with the necessary electrical and mechanical systems 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 HMMW vehicles.         CURRENT SITUATION: Facilities do not exist at Savannah for the mission. The 165th ASOS mission is located at Glynn County airport on a small tract of land. The site houses both the ASOS and the 224th Joint Communi	PAVEMENTS								(185)
COMMUNICATION SUPPORT       LS       ( 96)         FIRE PROTECTION SUPPORT       LS       ( 280)         SUBTOTAL       6.693       ( 280)         CONTINGENCY (5%)       335       ( 240)         TOTAL CONTRACT COST       335       ( 422)         SUPERVISION, INSPECTION AND OVERHEAD (6%)       -422       ( 7,450)         TOTAL REQUEST       -422       ( 7,450)         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.         Air Conditioning: 350 KW.       -11.         11. REQUIREMENT: 3,252 SM ADEQUATE: 0 SM SUBSTANDARD: 1,374 SM PROJECT: Relocate Air Support Operations Squadron (New Mission)         REQUIREMENT: The base requires an adequately sized facilities for the Air Support Operations Squadron (ASOS). The mission requires an dequately sized and properly configured facility with the necessary electrical and mechanical systems 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 HMMW vehicles.         CURRENT SITUATION: Facilities do not exist a Savannah for the mission. The 165th ASOS mission is located at Glynn County airport on a small tract of land. The site houses both	SITE IMPROVEM	ENTS	5		LS				(150)
FIRE PROTECTION SUPPORT       LS       (280)         SUBTOTAL       6,693         CONTINGENCY (5%)      335         TOTAL CONTRACT COST      325         SUPERVISION, INSPECTION AND OVERHEAD (6%)      422         TOTAL REQUEST      7,450         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.         Air Conditioning: 350 KW.       11. REQUIREMENT: 3,252 SM ADEQUATE: 0 SM SUBSTANDARD: 1,374 SM PROJECT: Relocate Air Support Operations Squadron (New Mission)         REQUIREMENT: 3252 SM ADEQUATE: 0 SM SUBSTANDARD: 1,374 SM PROJECT: Relocate Air Support Operations Squadron (New Mission)         REQUIREMENT: 3.252 SM ADEQUATE: 0 SM SUBSTANDARD: 1,374 SM PROJECT: Relocate Air Support Operations Squadron (New Mission)         REQUIREMENT: 3.252 SM ADEQUATE: 0 SM SUBSTANDARD: 1.374 SM PROJECT: Relocate Air Support Operations Squadron (New Mission)         REQUIREMENT: 3.252 SM ADEQUATE: 0 SM SUBSTANDARD: 1.374 SM PROJECT: Relocate Air Support Operations Squadron (New Mission)         REQUIREMENT: 3.252 SM ADEQUATE: 0 SM SUBSTANDARD: 1.374 SM PROJECT: Relocate Air Support Operations Squadron (New Mission)         REQUIREMENT: 3.252 SM ADEQUATE: 0 SM SUBSTANDARD: 1.374 SM PROJECT: Relocate Air Support operatis s	COMMUNICATIO	DN SU	JPPORT		LS				( 96)
SUBTOTAL       6.693         CONTINGENCY (5%)       335         TOTAL CONTRACT COST       7.028         SUPERVISION, INSPECTION AND OVERHEAD (6%)       422         TOTAL REQUEST       7,450         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.         Air Conditioning: 350 KW.       11. REQUREMENT: 3,252 SM ADEQUATE: 0 SM SUBSTANDARD: 1,374 SM         PROJECT: Relocate Air Support Operations Squadron (New Mission)       REQUIREMENT: The base requires an adequately sized facilities for the Air Support Operations Squadron (ASOS). The mission requires an adequately sized and properly configured facility with the necessary electrical and mechanical systems 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 HMMW vehicles.         CURRENT SITUATION: Facilities do not exist at Savannah for the mission. The 165th ASOS mission is located at Glynn County airport on a small tract of land. The site houses both the ASOS and the 224th Joint Communications Support Squadron (JCSS). Both functions are short of space. There is insufficient space to train, store and maintain the equipment for both units. The equipment is stored in aisles and converted training rooms. As a result, there are health, safety and fire code violations. Some of	FIRE PROTECTIO	ON SU	<b>JPPORT</b>		LS				<u>( 280)</u>
CONTINGENCY (5%)	SUBTOTAL								6,693
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.         Air Conditioning: 350 KW.         11. REQUIREMENT: 3,252 SM ADEQUATE: 0 SM SUBSTANDARD: 1,374 SM PROJECT: Relocate Air Support Operations Squadron (New Mission)         REQUIREMENT: The base requires adequately sized facilities for the Air Support Operations Squadron (ASOS). The mission requires an adequately sized and properly configured facility with the necessary electrical and mechanical systems 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 HMMW vehicles.         CURRENT SITUATION: Facilities do not exist at Savannah for the mission. The 165th ASOS mission is located at Glynn County airport on a small tract of land. The site houses both the ASOS and the 224th Joint Communications Support Squadron (JCSS). Both functions are short of space. There is insufficient space to train, store and maintain the equipment for both units. The equipment is stored in aisles and converted training rooms. As a result, there are health, safety and fire code violations. Some of the equipment is tored outside and not under cover; leading to deterioration. The site is only 16 acres of land and cannot be expanded. It is constrained by a public road and private housing development. In order to provide adequate space for both units, either the ASOS or the 224 JCSS must relocate. The ASOS trains with the ARNG and on the ANG-operated Townsend air-to	CONTINGENCY (5%	6) 7 C O S	'T						$\frac{335}{7.028}$
TOTAL REQUEST       7,450         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.         Air Conditioning: 350 KW.       11. REQUIREMENT: 3,252 SM ADEQUATE: 0 SM SUBSTANDARD: 1,374 SM PROJECT: Relocate Air Support Operations Squadron (New Mission)         REQUIREMENT: The base requires an adequately sized facilities for the Air Support Operations Squadron (ASOS). The mission requires an adequately sized and properly configured facility with the necessary electrical and mechanical systems 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 HMMW vehicles.         CURRENT SITUATION: Facilities do not exist at Savannah for the mission. The 165th ASOS mission is located at Glynn County airport on a small tract of land. The site houses both the ASOS and the 224th Joint Communications Support Squadron (JCSS). Both functions are short of space. There is insufficient space to train, store and maintain the equipment for both units. The equipment is stored in aisles and converted training rooms. As a result, there are health, safety and fire code violations. Some of the equipment is stored outside and not under cover; leading to deterioration. The site is only 16 acres of land and cannot be expanded. It is constrained by a public road and private housing development. In order to provide adequate space for both units, either the ASOS or the 224 JCSS must relocate. The ASOS trains	SUPERVISION INS	PECT	TION AND OVERHEAD (	6%)					422
<ul> <li>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.</li> <li>Air Conditioning: 350 KW.</li> <li>11. REQUIREMENT: 3,252 SM ADEQUATE: 0 SM SUBSTANDARD: 1,374 SM PROJECT: Relocate Air Support Operations Squadron (New Mission)</li> <li><u>REQUIREMENT</u>: The base requires adequately sized facilities for the Air Support Operations Squadron (ASOS). The mission requires an adequately sized and properly configured facility with the necessary electrical and mechanical systems 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 HMMW vehicles.</li> <li><u>CURRENT SITUATION</u>: Facilities do not exist at Savannah for the mission. The 165th ASOS mission is located at Glynn County airport on a small tract of land. The site houses both the ASOS and the 224th Joint Communications Support Squadron (JCSS). Both functions are short of space. There is insufficient space to train, store and maintain the equipment for both units. The equipment is stored in aisles and converted training rooms. As a result, there are health, safety and fire code violations. Some of the equipment is stored outside and not under cover; leading to deterioration. The site is only 16 acres of land and cannot be expanded. It is constrained by a public road and private housing development. In order to provide adequate space for both units, either the ASOS or the 224 JCSS must relocate. The ASOS trains with the ARNG and on the ANG-operated Townsend air-to-ground range. The range is closer to Savannah IAP than to the existing Glynn County airport site by over 30 miles. I</li></ul>	TOTAL REQUEST	LUI		0/0/					7,450
<ul> <li>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.</li> <li>Air Conditioning: 350 KW.</li> <li>11. REQUIREMENT: 3,252 SM ADEQUATE: 0 SM SUBSTANDARD: 1,374 SM PROJECT: Relocate Air Support Operations Squadron (New Mission)</li> <li><u>REQUIREMENT</u>: The base requires adequately sized facilities for the Air Support Operations Squadron (ASOS). The mission requires an adequately sized and properly configured facility with the necessary electrical and mechanical systems 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 HMMW vehicles.</li> <li><u>CURRENT SITUATION</u>: Facilities do not exist at Savannah for the mission. The 165th ASOS mission is located at Glynn County airport on a small tract of land. The site houses both the ASOS and the 224th Joint Communications Support Squadron (JCSS). Both functions are short of space. There is insufficient space to train, store and maintain the equipment for both units. The equipment is stored in aisles and converted training rooms. As a result, there are health, safety and fire code violations. Some of the equipment is stored outside and not under cover; leading to deterioration. The site is only 16 acres of land and cannot be expanded. It is constrained by a public road and private housing development. In order to provide adequate space for both units, either the ASOS or the 224 JCSS must relocate. The ASOS trains with the ARNG and on the ANG-operated Townsend air-to-ground range. The range is closer to Savannah IAP than to the existing Glynn County airport site by over 30 miles. I</li></ul>									,
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of the equipment is stored outside and not under cover; leading to deterioration. The site is only 16 acres of land and cannot be expanded. It is constrained by a public road and private housing development. In order to provide adequate space for both units, either the ASOS or the 224 JCSS must relocate. The ASOS trains with the ARNG and on the ANG-operated Townsend air-to-ground range. The range is closer to Savannah IAP than to the existing Glynn County airport site by over 30 miles. In addition, most of the ARNG units are located in the Savannah area. The Glynn County airport is	aisles and converted	train	ing rooms. As a result,	there are he	alth, s	atety and	tire code	viol	ations. Some
development. In order to provide adequate space for both units, either the ASOS or the 224 JCSS must relocate. The ASOS trains with the ARNG and on the ANG-operated Townsend air-to-ground range. The range is closer to Savannah IAP than to the existing Glynn County airport site by over 30 miles. In addition, most of the ARNG units are located in the Savannah area. The Glynn County airport is	of the equipment is	store	a outside and not under o	cover; leadi	ng to c	leteriorati	on. The	site i	s only 16
relocate. The ASOS trains with the ARNG and on the ANG-operated Townsend air-to-ground range. The range is closer to Savannah IAP than to the existing Glynn County airport site by over 30 miles. In addition, most of the ARNG units are located in the Savannah area. The Glynn County airport is	development In the		be expanded. It is const	for both	public	road and	private h	iousi	
The range is closer to Savannah IAP than to the existing Glynn County airport site by over 30 miles. In addition, most of the ARNG units are located in the Savannah area. The Glynn County airport is	relocate The ASO	ler lo Ltroi-	provide adequate space	$\frac{101}{101} \frac{101}{101} 10$	operation	ted Torre	SUS OF []		24 JUSS IIIUST
addition, most of the ARNG units are located in the Savannah area. The Glynn County airport is	The range is closer t	o Sar	annah IAP than to the e	xisting Glu	nn Co	inty airpo	ort site hv	OVer	r 30 milee In
A MARKAN AND A MARKAN AND A MARKAN AND AND AND AND AND AND AND AND AND A	addition. most of the	e AR	NG units are located in t	he Savanna	h area	. The Glv	nn Coun	ty ai	rport is

1. COMPONENT	FY 2011 MILITARY CONS	STRUCTION PROJECT D	ATA	2. DATE
	(computer	generated)		<b>F</b> 1 <b>0</b> 010
ANG 2 DISTALLATION				February 2010
3. INSTALLATION	AND LOCATION			
SAVANNAH/HILTO	N HEAD IAP, GEORGIA			
5. PROJECT TITLE			7. PROJ	ECT NUMBER
RELOCATE ASOS F	ACILITIES			DQU069150
located approximat	ely 60 miles south of the Savanna	ah area. For training pur	poses, the	e ASOS must
convoy along Inters	State 95 for 30 miles to the Range	and 30 more miles to th	e Savann	an area. By
relocating the ASO	S to Savannah CRTC, operating	costs are significantly rec	duced and	a the correct sized
facilities can be con	istructed since the Savannah CR	IC has the land. Additio	nal econo	omies and
synergies can be re-	anzed by being conocated with the	ie units that train at the C	KIC. I	ne ASOS training
A COC is releasted	the second areas of Clamp Course	ter support is obtained in	UIII Savai	man. After the
ASUS IS relocated,	The vacated space at Grynn Country of the	ay will be upgraded and	t abla to a	y the 224th JCSS.
required mission w	<u>KOVIDED</u> . The ASOS and the ithout the property sized and prov	224th JSSC units are no perly configured facilities	Comm	and and control
mission planning t	raining of personnel radio and w	bicle maintenance, equi	5. Comm	d weapons
security and admini	istrative activities are adversly in	practed Vehicles and equi	uinment	exposed to the
weather continue to	deteriorate resulting in high mai	ntenance renair and ren	lacement	costs Higher
operating costs He	alth Safety and fire code violation	ons continue: accept the	risk to ea	uipment or injury
to personnel	saidi, Sufery and The code violati	ons continue, accept the	nok to eq	uipinent of injury
ADDITIONAL: T	his project meets the criteria/scor	e specified in Air Natior	ual Guard	Handbook 32-
1084 "Facility Rec	uirements" and is in compliance	with the base master pla	n Antite	errorism/Force
Protection requirem	ients have been considered in the	development of this pro	iect. Thi	s facility can be
used by other comp	oonents on an "as available" basis	: however, the scope of t	the project	t is based on Air
National Guard reg	uirements. All known alternative	es/options were considered	ed during	the development
of this project. No	other option could meet the miss	ion requirements; therefore	ore, no ec	onomic analysis
was needed or perf	ormed. Project will incorporate I	Leadership in Energy and	l Environ	mental Design
(LEED) and sustain	able development concepts, so a	s to achieve optimum res	source eff	iciency,
constructability, su	stainability, and energy conservat	tion, while minimizing a	dverse im	pact to the built
and natural environ	ments through all phases of its lit	fe cycle. This may result	t in prima	ry facility costs
exceeding DoD cos	sting standards, but the initial inve	estment in higher acquisi	ition cost	will be rewarded
with lower life cycl	e costs. This is consistent with the	he requirements of the En	nergy Pol	icy Act of 2005
(EPAct05), 10 USC	2 2805 (c), Executive Order 1342	3, and other applicable la	aws and F	Executive Orders.
VEHICLE WASI	HAREA	84.8	SM = 900	SF
OPS AND SUPP	ORT SPACE	1.305 \$	SM = 14.0	)50 SF
SHOP AREA		469 8	$SM = 5.0^4$	50 SF
VEHICLE STOR	AGE AREA	1,394 S	SM = 15,0	000 SF

1. CO	OMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DA	TA	2. DATE
		(computer generated)		
2 11	ANG			February 2010
3. IIN	STALLATION	AND LOCATION		
SAV	ANNAH/HILTO	N HEAD IAP, GEORGIA		
5. PR	OJECT TITLE		7. PROJE	ECT NUMBER
RELO	CATE ASOS F	ACILITIES	XI	DQU069150
12.	SUPPLEMENT	TAL DATA:		
a.	Estimated Desig	gn Data:		
	(1) Status:			
	(a) Date D	Design Started		OCT 2008
	(b) Parame	etric Cost Estimates used to develop costs		No
	(c) Percent	t Complete as of Jan 2010		35%
	(0) Date D	)% Designed		JAN 2010 SED 2010
	(c) Date $D$	esign Complete f Design Contract		SEP 2010
	(g) Energy	7 Study/Life-Cycle analysis was/will be performed		YES
	(2) Basis:			
	(a) Standar	rd or Definitive Design -		NO
	(b) Where	Design Was Most Recently Used -		N/A
	(3) Total Cost (	(c) - (a) + (b)  or  (d) + (e)		(\$000)
	(a) Produc	tion of Plans and Specifications		462
	(b) All Oth	her Design Costs		231
	(c) Total			693
	(d) Contra	ct		693
	(e) In-Hou	se		
	(4) Contract Av	ward (Month/Year)		FEB 2011
	(5) Constructio	on Start		MAR 2011
	(6) Constructio	on Completion		MAR 2012
	* Indicates is compara	completion of Project Definition with Parametric Cost Estimate ble to traditional 35% design to ensure valid scope and cost and	which executabi	lity.
b. ]	Equipment assoc	iated with this project will be provided from other appropriation	15:	N/A
DO				
PU	INT OF CONTA	CT: James Guidry		
		(301) 830-8308		

1. COMPONENT		FY 2011 MILITARY CO	NSTRUCTI	ON PR	OJECT DA	ТА	2.	DATE
		(comp	uter generate	ed)				
ANG							Fel	bruary 2010
3. INSTALLATION	AND I	LOCATION		4. I	PROJECT	TTTLE		
HICKAM AIR FORC	FRAS	SE HAWAII		SUPP(	-22 BEDL NRT	Own in	гка	SIRUCIURE
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	T NUN	MBER	8. PROJ	ECT	COST(\$000)
51721F		800-100	KNN	MD109	500		\$5	,950
		9. COST	ESTIMATE	ES				
						UN	IT	COST
		ITEM		U/M	QUANTIT	Y COS	ST	(\$000)
F-22 SITE IMPROV	EMEN	TS AND UTILITIES SU	PPORT	LS				5,346
SITE IMPROVEN	IENTS							( 650)
STORM WATER	IMPR	OVEMENTS						(530)
DRAINAGE IMP	ROVE	MENTS						(500)
SANITARY SEW	ER UF	PGRADE		LS				( 450)
ELECTRICAL SE	RVIC	E UPGRADE		LS				( 600)
COMMUNICATI	ON SU	JPPORT		LS				( 250)
RESTORE DAMA	AGED	PAVEMENTS		LS				( 800)
SECURITY FENC	CING A	AND GATES						( 550)
A I/FP SITE IMPR	KUVE	MENIS		LS				<u>( 396)</u> 5 346
CONTINGENCY (5)	%)							267
TOTAL CONTRAC	T COS	Т						5,613
SUPERVISION, INS	SPECT	ION AND OVERHEAD (	6%)					337
TOTAL REQUEST								5,950
10 Description of	Drono	and Construction: Forth	work and a	upport	to proper	o constru	otion	a sito:
installation/ungradit	1 TOPO 10 of 1	itility systems to include	work and s	vice st	orm water	service	sanit	tary sewer
electrical service co	mmi	nications ducting restor	e pavement	ts dam	aged durir	ig constr	uctio	in install
security fencing and	gates	Provide minimum ant	iterrorism a	and for	ce protecti	ion meas	ures.	
11. REQUIREMEN	NT: A	As Required.			I I I I I I I I I I I I I I I I I I I			
PROJECT: TFI - F	-22 B	eddown Infrastructure S	upport (Ne	w Mis	sion)			
<b>REQUIREMENT</b> :	The b	base requires adequately	sized and p	oroperl	y configu	red infras	struct	ture systems
to support the const	tructio	on of facilities for the un	it's convers	sion fro	om F-15 to	o F-22 ai	rcraft	t.
CURRENT SITUA	TION	: The base is converting	g from F-1	5's to I	F-22 aircra	aft. The	F-22	aircraft will
begin arriving in Fe	ebruar	y 2011. The existing fa	cilities are a	not larg	ge enough	to suppo	ort th	e maintenance
requirements for the	e F-22	aircraft. This and other	r projects w	ill con	struct F-2	2 faciliti	es wl	hich are
energy efficient, me	eet for	ce protection requireme	nts and allo	ow for	future exp	ansion c	apab	ility. The
conversion will con	struct	in excess of 175,000 SI	F of buildin	gs and	a 38,000	SM ram	p. Th	ne F-22
operations and main	ntenar	ice area will need to be	graded and	have p	roperly size	zed utilit	ies to	support
several large projec	ts. It	is more economical to h	ave a single	e proje	ct address	the utili	ty ne	eds for all the
projects in this area	and to	o ensure the sizing of ea	ch utility n	leets tr	e demand	s necess	ary.	I his project
fill soil in those are	o vyh	are there are significant	fills roquir	d Th	o sito has i	inadagua	, and	provide the
and distribution sys	as will	to provide fire protection	support	The ha	e she has ina	dequate (	comr	nunications
ducting and commu	micati	ons manholes to suppor	t the increa	sed co	mmunicati	ions real	irem	ents This
project will also pro	ovide 1	the storm drainage impr	ovements a	nd hol	ding pond	s to acco	mme	date the
increased runoff fro	om lar	ger payements and build	ding surfac	es. Th	is project	will reco	nstru	ict the
flightline fencing.	gates a	nd parking lots to meet	security rec	juirem	ents and fo	orce prot	ectio	n measures.
IMPACT IF NOT	PROV	IDED: The utilities and	infrastruct	ure sys	stems for t	he large	bedd	lown effort
will not be properly	engin	neered. If piecemeal con	nstruction i	s allow	ed, the sy	stems ma	ay no	t be properly
	-	-			•		-	•

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DA	ATA	2. DATE
ANG	(computer generated)		February 2010
3. INSTALLATION	AND LOCATION		rebluary 2010
HICKAM AIR FORC	E BASE, HAWAII		
5. PROJECT TITLE		7. PROJ	IECT NUMBER
TFI - F-22 BEDDOW	N INFRASTRUCTURE SUPPORT	K١	NMD109500
matched, leading to	ineffective mission support and premature infrastructure	failure. A	Accept risk to
F-22 mission capab	ility.		-
ADDITIONAL: T	his project meets the criteria/scope specified in Air Nation	al Guard	Handbook
32-1084, "Facility	Requirements" and is in compliance with the base master	plan. An	titerrorism/Force
alternatives/options	were considered during the development of this project	No other	known option could
meet the mission re	quirements: therefore, no economic analysis was needed of	or perforr	ned This is
consistent with the	requirements of the Energy Policy Act of 2005 (EPAct05)	), 10 USC	C 2805 (c),
Executive Order 13	423, and other applicable laws and Executive Orders.		

ANG       February 2010         3. INSTALLATION AND LOCATION       February 2010         HICKAM AIR FORCE BASE, HAWAII         5. PROJECT TITLE       7. PROJECT NUMBER         TFI - F-22 BEDDOWN INFRASTRUCTURE SUPPORT         KNMD109500         12.       SUPPLEMENTAL DATA:         a.       Estimated Design Data:         (1)       Status:         (a)       Date Design Started         (b)       Parametric Cost Estimates used to develop costs       No         (c)       Percent Complete as of Jan 2010       35%         * (d)       Date 35% Designed       JUN 2009         (e)       Date Design Contract       (g)       Energy Study/Life-Cycle analysis was/will be performed       YES         (2)       Basis:       (a)       Standard or Definitive Design -       NO       N/A         (3)       Total Cost (c) = (a) + (b) or (d) + (e):       (\$000)       (a)       Production of Plans and Specifications       280
ANG       February 2010         3. INSTALLATION AND LOCATION         HICKAM AIR FORCE BASE, HAWAII         5. PROJECT TITLE       7. PROJECT NUMBER         TFI - F-22 BEDDOWN INFRASTRUCTURE SUPPORT       KNMD109500         12. SUPPLEMENTAL DATA:       x         a. Estimated Design Data:       (1) Status:         (a) Date Design Started       OCT 2008         (b) Parametric Cost Estimates used to develop costs       No         (c) Percent Complete as of Jan 2010       35%         * (d) Date 35% Designed       JUN 2009         (e) Date Design Complete       MAR 2010         (f) Type of Design Contract       g) Energy Study/Life-Cycle analysis was/will be performed         (2) Basis:       (a) Standard or Definitive Design -       NO         (b) Where Design Was Most Recently Used -       N/A         (3) Total Cost (c) = (a) + (b) or (d) + (e):       (\$000)         (a) Production of Plans and Specifications       280
3. INSTALLATION AND LOCATION         HICKAM AIR FORCE BASE, HAWAII         5. PROJECT TITLE       7. PROJECT NUMBER         TFI - F-22 BEDDOWN INFRASTRUCTURE SUPPORT       KNMD109500         12. SUPPLEMENTAL DATA:          a. Estimated Design Data:       (1) Status:         (a) Date Design Started       OCT 2008         (b) Parametric Cost Estimates used to develop costs       No         (c) Percent Complete as of Jan 2010       35%         * (d) Date 35% Designed       JUN 2009         (e) Date Design Complete       MAR 2010         (f) Type of Design Contract       (g) Energy Study/Life-Cycle analysis was/will be performed         (2) Basis:       (a) Standard or Definitive Design -       NO         (b) Where Design Was Most Recently Used -       N/A         (3) Total Cost (c) = (a) + (b) or (d) + (e):       (\$000)         (a) Production of Plans and Specifications       280
HICKAM AIR FORCE BASE, HAWAII7. PROJECT NUMBER5. PROJECT TITLE7. PROJECT NUMBERTFI - F-22 BEDDOWN INFRASTRUCTURE SUPPORTKNMD10950012. SUPPLEMENTAL DATA:.a. Estimated Design Data:.(1) Status:.(a) Date Design StartedOCT 2008(b) Parametric Cost Estimates used to develop costsNo(c) Percent Complete as of Jan 2010 $35\%$ * (d) Date 35% DesignedJUN 2009(e) Date Design Comtract.(g) Energy Study/Life-Cycle analysis was/will be performedYES(2) Basis:.(a) Standard or Definitive Design(b) Where Design Was Most Recently UsedNO(b) Total Cost (c) = (a) + (b) or (d) + (e):.(c) Production of Plans and Specifications.280
5. PROJECT TITLE7. PROJECT NUMBERTFI - F-22 BEDDOWN INFRASTRUCTURE SUPPORTKNMD10950012. SUPPLEMENTAL DATA: a. Estimated Design Data: $(1)$ Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of Jan 2010 (d) Date 35% Designed (e) Date Design Contract (g) Energy Study/Life-Cycle analysis was/will be performedOCT 2008 (b) Parametric (c) Percent Complete (c) Percent Complete (c) Percent Complete (c) Percent Complete (c) Date Design Contract (g) Energy Study/Life-Cycle analysis was/will be performedVES(2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -NO N/A(3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications(\$000) (280
TFI - F-22 BEDDOWN INFRASTRUCTURE SUPPORTKNMD10950012.SUPPLEMENTAL DATA:a.Estimated Design Data:(1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of Jan 2010OCT 2008 (35%)* (d) Date 35% Designed (e) Date Design Complete (f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performedJUN 2009 (ARR 2010 (F) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed(2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -NO (N/A(3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications(S000) (280
111-1-22 BEDDOWN INCRESTRUCTION       INMEDIO200         12. SUPPLEMENTAL DATA:
<ul> <li>12. SUPPLEMENTAL DATA:</li> <li>a. Estimated Design Data: <ul> <li>(1) Status:</li> <li>(a) Date Design Started</li> <li>(b) Parametric Cost Estimates used to develop costs</li> <li>(c) Percent Complete as of Jan 2010</li> <li>(d) Date 35% Designed</li> <li>* (d) Date 35% Designed</li> <li>(e) Date Design Complete</li> <li>(f) Type of Design Contract</li> <li>(g) Energy Study/Life-Cycle analysis was/will be performed</li> <li>YES</li> </ul> </li> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where Design Was Most Recently Used -</li> <li>N/A</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e):</li> <li>(\$000)</li> <li>(a) Production of Plans and Specifications</li> </ul>
<ul> <li>a. Estimated Design Data: <ul> <li>(1) Status: <ul> <li>(a) Date Design Started</li> <li>(b) Parametric Cost Estimates used to develop costs</li> <li>(c) Percent Complete as of Jan 2010</li> <li>(d) Date 35% Designed</li> <li>(e) Date Design Complete</li> <li>(f) Type of Design Contract</li> <li>(g) Energy Study/Life-Cycle analysis was/will be performed</li> </ul> </li> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where Design Was Most Recently Used -</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e):</li> <li>(\$000)</li> <li>(a) Production of Plans and Specifications</li> </ul> </li> </ul>
(1) Status:OCT 2008(a) Date Design StartedOCT 2008(b) Parametric Cost Estimates used to develop costsNo(c) Percent Complete as of Jan 2010 $35\%$ * (d) Date 35% DesignedJUN 2009(e) Date Design CompleteMAR 2010(f) Type of Design Contract(g) Energy Study/Life-Cycle analysis was/will be performed(2) Basis:(a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -(3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications(\$000) (280
(1) Status:OCT 2008(a) Date Design StartedOCT 2008(b) Parametric Cost Estimates used to develop costsNo(c) Percent Complete as of Jan 2010 $35\%$ * (d) Date 35% DesignedJUN 2009(e) Date Design CompleteMAR 2010(f) Type of Design Contract(g) Energy Study/Life-Cycle analysis was/will be performed(2) Basis:(a) Standard or Definitive Design -(b) Where Design Was Most Recently Used -NO(c) Total Cost (c) = (a) + (b) or (d) + (e):(\$000)(a) Production of Plans and Specifications280
(a) Date Design StartedOCT 2003(b) Parametric Cost Estimates used to develop costsNo(c) Percent Complete as of Jan 2010 $35\%$ * (d) Date 35% DesignedJUN 2009(e) Date Design CompleteMAR 2010(f) Type of Design Contract(g) Energy Study/Life-Cycle analysis was/will be performed(2) Basis:(a) Standard or Definitive Design -(b) Where Design Was Most Recently Used -NO(c) Total Cost (c) = (a) + (b) or (d) + (e):(\$000)(a) Production of Plans and Specifications280
(b) Parametric Cost Estimates used to develop costs       100         (c) Percent Complete as of Jan 2010       35%         * (d) Date 35% Designed       JUN 2009         (e) Date Design Complete       MAR 2010         (f) Type of Design Contract       (g) Energy Study/Life-Cycle analysis was/will be performed         (2) Basis:       (a) Standard or Definitive Design -         (b) Where Design Was Most Recently Used -       NO         (c) Total Cost (c) = (a) + (b) or (d) + (e):       (\$000)         (a) Production of Plans and Specifications       280
* (d) Date 35% Designed       JUN 2009         (e) Date Design Complete       MAR 2010         (f) Type of Design Contract       (g) Energy Study/Life-Cycle analysis was/will be performed         (2) Basis:       (a) Standard or Definitive Design -         (b) Where Design Was Most Recently Used -       NO         (c) Total Cost (c) = (a) + (b) or (d) + (e):       (\$000)         (a) Production of Plans and Specifications       280
(d) Date Design CompleteMAR 2010(e) Date Design CompleteMAR 2010(f) Type of Design Contract(g) Energy Study/Life-Cycle analysis was/will be performed(2) Basis:(a) Standard or Definitive Design -(b) Where Design Was Most Recently Used -NO(b) Where Design Was Most Recently Used -N/A(c) Total Cost (c) = (a) + (b) or (d) + (e):(\$000)(a) Production of Plans and Specifications280
(c) Date Design Contract(f) Type of Design Contract(g) Energy Study/Life-Cycle analysis was/will be performed(2) Basis:(a) Standard or Definitive Design -(b) Where Design Was Most Recently Used -(c) Total Cost (c) = (a) + (b) or (d) + (e):(c) Production of Plans and Specifications(c) Design Contract(c) Production of Plans and Specifications
(g)Energy Study/Life-Cycle analysis was/will be performedYES(2)Basis: (a)Standard or Definitive Design - (b)NO (b)(b)Where Design Was Most Recently Used -N/A(3)Total Cost (c) = (a) + (b) or (d) + (e): (a)(\$000) 280
<ul> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where Design Was Most Recently Used -</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): <ul> <li>(a) Production of Plans and Specifications</li> <li>(\$000)</li> <li>(280)</li> </ul> </li> </ul>
(2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -NO N/A(3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications(\$000) 280
(a) Standard of Definitive Design - (b) Where Design Was Most Recently Used -N/A(3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications(\$000) 280
(b) where besign was most recently used -(a) For the form $(d) + (e)$ :(\$000)(a) Production of Plans and Specifications280
(3) Total Cost (c) = (a) + (b) or (d) + (e):( $\$000$ )(a) Production of Plans and Specifications280
(a) Production of Plans and Specifications 280
(b) All Other Design Costs 260
(c) Total 540
(d) Contract 540
(e) In-House
(4) Contract Award (Month/Year) FEB 2011
(5) Construction Start MAP 2011
(5) Construction Start WIAN 2011
(6) Construction Completion AUG 2012
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.
b. Equipment associated with this project will be provided from other appropriations: N/A
POINT OF CONTACT: DON BOONE, L.A.
(301) 836-8090

1. COMPONENT		FY 2011 MILITARY CONSTRUCTION PROJECT DATA2. DATE						DATE	
ANG (computer generated				1) February 2010					
3. INSTALLATION AND LOCATION 4				4. PROJECT TITLE					
				TFI - F-22 UPGRADE MUNITIONS					
5. PROGRAM ELEMI	E BA: ENT	6. CATEGORY CODE	7. PROJEC	COMPLEX ECT NUMBER 8 PROJECT COST(\$000)					
	5. TROORAM ELEMENT 0. CATEGORT CODE 7. TROJ			8. TROJECT COST (\$000					
51721F		216-642	KNN	MD069215 \$17,250			,250		
		9. COST	ESTIMATE	S	I				
		ITEM		U/M	OUANTIT	Y COS	IT ST	COST (\$000)	
F-22 UPGRADE MUNITIONS COMPLEX			SM	3,048			13,256		
STORAGE IGLOOS-EARTH COVERED			SM	799		274	(4,214)		
MUNITIONS MAI	NIEI GAZI	NANCE SHOP-EARTH C NF	OVERED	SM SM	883 5,		274 691	(4,657)	
MUNITIONS INE	RT ST	TORAGE		SM	427	2	153	( 919)	
MUNITION ADM	IN SF	IOP		SM	372	4	542	( 1,690)	
SDD&EPACT (2%	FOR	LEED CERT/ENERGY C	ONSERV)	LS				( 250)	
SUPPORTING FACI	LITIE	ES		LS				2,243	
UTILITIES								(650)	
SITE IMPROVEM	ENTS	5		LS				(178)	
SECURITY MEAS	SURE	S		LS				( 160)	
COMMUNICATIO	DNS S	UPPORT		LS				(75)	
FIRE SUPPRESSIO	ON SI	UPPORT		LS	165	1	076	(100)	
SUBTOTAL				5111	403	1,	070	<u>( 300)</u> 15.499	
CONTINGENCY (5%	6)							775	
TOTAL CONTRACT	COS	T						16,274	
SUPERVISION, INSPECTION AND OVERHEAD (6%)							$\frac{976}{17,250}$		
IOTAL REQUEST							17,230		
	_								
10. Description of I	Propo	sed Construction: Reint	forced conc	rete fo	undation	and floor	slab	with steel	
Iramed masonry walls and root structure. Igloos and maintenance shops will be earth covered to minimize construction cost and quantity distance sefety zone size. Interior walls and utilities. Exterior									
work includes: access payements utility support security measures fire protection and other support									
Air Conditioning: 175 KW.									
11. REQUIREMENT: 3,048 SM ADEQUATE: 0 SM SUBSTANDARD: 1,529 SM									
PROJECT: TFI - F-22 Upgrade Munitions Storage Complex (New Mission)									
<b><u>REQUIREMENT</u></b> : The base requires a properly sited and adequately sized munitions storage complex									
to support the operational sortic generation for a squadron of F-22 aircraft.									
<u>CURRENT SITUATION</u> : The base does not have a fully-functional munitions storage complex which									
apron expansion and must be demolished. This project will replicate and expand the munitions									
facilities and collocate them with the host base so Hickam AFB will have a single munitions storage									
area. At the present location, the unit is limited to the number and type of munitions which can be									
stored due to separation requirements. The unit currently does not have adequate administrative and									
trailer maintenance space in which to conduct missile and munitions maintenance. These are									
deficiencies and will result in significant safety hazards.									
<u>INFACT IF NOT PROVIDED</u> : Accept fisk to F-22 operational softle generation due to lack of munitions maintenance and storage canabilities. The maintenance and storage limitations continue to									
lead to decreased mission and training effectiveness. Without the ability to store various types of									
munitions, the wing will be forced to store munitions at other DOD installations on the island away									
from Hickam AFB, with delays expected for combat sortie generation due to trucking munitions from									
Tem menual 12 2, whit delays expected for comparisonal Solide Solide Solide Solide to tracking multitons from									

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT D	АТА	2. DATE				
	(computer generated)						
ANG		February 2010					
3. INSTALLATION AND LOCATION							
HICKAM AIR FORC	E BASE, HAWAII						
5. PROJECT TITLE	7. PRO.	JECT NUMBER					
1FI - F-22 UPGRADE	dance wit	with tech orders and					
safety standards. T	he combat aircraft parking apron cannot be expanded and	operation	nal sortie				
generation cannot o	ccur.	- F					
ADDITIONAL: T	nis project meets the criteria/scope specified in the Air Na	tional Gu	ard Handbook				
32-1084, "Facility I	Requirements" and is in compliance with the base master	plan. An	titerrorism/Force				
Protection requirem	nents have been considered in the development of this pro	ject. All	known				
alternatives/options	were considered during the development of this project.	No other	option could				
meet the mission re	quirements; therefore, no economic analysis was needed (	or perform	ned. This facility				
on Air National Gu	ard requirements Project will incorporate Leadership in	Energy ar	nd Environmental				
Design (LEED) and	I sustainable development concepts, so as to achieve optim	num reso	urce efficiency.				
constructability, sus	stainability, and energy conservation, while minimizing a	dverse im	pact to the built				
and natural environ	ments through all phases of its life cycle. This may result	t in prima	ry facility costs				
exceeding DoD cos	ting standards, but the initial investment in higher acquisi	tion cost	will be rewarded				
with lower life cycl	e costs. This is consistent with the requirements of the E	nergy Pol	icy Act of 2005				
(EPAct05), 10 USC	C 2805 (c), Executive Order 13423, and other applicable la	aws and E	Executive Orders.				
STORAGE IGI (	NOS-FARTH COVERED 700	SM - 86	500 SE				
MUNITIONS MA	SM = 0.0 SM = 9.5	500 SF					
MULTICUBE M	AGAZINE 567	SM = 9,3 SM = 6.1	00 SF				
MUNITIONS IN	ERT STORAGE 427	SM = 4,6	,600 SF				
MUNITION AD	MIN SHOP 372	SM = 4,0	00 SF				
RAMS PAD	RAMS PAD $465 \text{ SM} = 3$						

1. C	OMPONENT	TA	2. DATE					
(computer generated)				Eabmann 2010				
ANG February 2								
5. INSTALLATION AND LOCATION								
HICH	HICKAM AIR FORCE BASE, HAWAII							
5. PR	OJECT TITLE		7. PROJI	ECT NUMBER				
TEI	TEL E 22 LIDED A DE MUNITIONS COMPLEY							
11.1 -	F-22 UI UKADI	3 MUNITIONS COMPLEX	IX1	NWID009215				
12.	SUPPLEMENT	ΓΑΙ ΠΑΤΑ·						
12.	Derr Leiter							
a.	Estimated Desig	gn Data:						
	(1) Status							
	(a) Date $\Gamma$	Design Started		OCT 2008				
	(b) Parame	etric Cost Estimates used to develop costs		No				
	(c) Percent	t Complete as of Jan 2010		35%				
	* (d) Date 3.	5% Designed		JAN 2010				
	(e) Date D	Josephere Lesion Complete		SEP 2010				
	(f) Type of	f Design Contract		5LI 2010				
	$(\sigma)$ Energy	v Study/Life_Cycle analysis was/will be performed		YES				
	(g) Liter <sub>6</sub> ,	Study/Ene-Cycle analysis was/ will be performed		110				
	(2) Basis:							
l	(a) Standar	rd or Definitive Design -		NO				
	(b) Where	Design Was Most Recently Used -		N/A				
	(0)	bongn mus most recommy essen		÷ ••				
	(3) Total Cost (	(c) = (a) + (b)  or  (d) + (e):		(\$000)				
	(a) Produc	tion of Plans and Specifications		1.080				
	(b) All Oth	her Design Costs		540				
	(c) Total			1 620				
	(d) Contra	ot		1,620				
l	(e) In-Hou			1,020				
	(0) 111104	se						
	(4) Contract A	ward (Month/Year)		FEB 2011				
	(1) 0011111			122 -011				
	(5) Constructio	on Start		MAR 2011				
	(6) Constructio	n Completion		AUG 2012				
1	5 <b>x</b> 11							
	* Indicates	completion of Project Definition with Parametric Cost Estimate	which					
	is comparal	ble to traditional 35% design to ensure valid scope and cost and	executabi	lity.				
ь	E	is a static market will be provided from other enpropriation		ΝΤ / Α				
D.	Equipment assoc	lated with this project will be provided from other appropriation	18:	N/A				
l								
1								
PO	INT OF CONTA	ACT: DON BOONE, L.A.						
		(301) 836-8090						

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA2. DATE					DATE			
(computer generated)									
ANG 3. INSTALLATION AND LOCATION				4 PROJECT TITLE					
5. INSTALLATION AND LOCATION ,				TFI - F-22 HANGAR, SOUADRON					
HICKAM AIR FORCE BASE, HAWAII				OPERATIONS AND AMU					
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	T NUN	<b>IBER</b>	8. PR	JJECT	COST(\$000)	
51721F 211-111			KNM	KNMD069209 \$48,250			3,250		
		9. COST	ESTIMATE	S					
						U	NIT	COST	
	ULEE	ITEM		U/M	QUANTIT	Y C	OST	(\$000)	
F-22 HANGAR, SQUADRON OPERATIONS AND AMU			AMU	SM SM	7,193		5 387	39,663	
AIKCKAFT MAINTENANCE HANGAR/SHOPS AREA			AKLAS	SM	1,766 5,27		5.274	(21,420) (9,314)	
AIRCRAFT MAI	NTEN	ANCE UNIT AREA		SM	1,447		5,382	(7,788)	
ANTITERRORISI	M FOF	RCE PROTECTION		SM	6,867		22	( 151)	
SDD&EPACT(3%	FOR	LEED CERT/ENERGY C	ONSERV)	LS				( 990)	
SUPPORTING FAC	ILITIE	ES						3,688	
AIRCRAFT ACCI	ESS P	AVEMENTS						(650)	
SITE IMPROVEN	/FNT9	S						(200)	
COMMUNICATI	ON SI	JPPORT		LS				(170)	
DRAINAGE IMP	ROVE	MENTS		LS				( 100)	
SECURITY MEA	SURE	S		LS				( 110)	
FIRE SUPPRESS	ION SI	UPPORT		LS	LS		104	(750)	
DEMOLITION				SM	7,938		194	$\frac{(1,540)}{42,251}$	
CONTINGENCY (5)	%)							2 168	
TOTAL CONTRACT COST								45.519	
SUPERVISION, INS	SPECT	ION AND OVERHEAD (	6%)					2,731	
TOTAL REQUEST							48,250		
10. Description of	Propo	sed Construction: Rein	forced conc	rete fo	undation	and flo	or slab	with steel	
framed masonry walls and roof structure. Interior walls and utility systems, security and roof structure.									
Exterior work includes: utilities, pavements, site improvements, fire protection, communications									
system support, drainage improvements, ramp access and support. Construct temporary flightline									
maintenance facilities. Demolish buildings and landscape the site.									
Air Conditioning: 700 KW.									
11. REQUIREMENT: 7,193 SM ADEQUATE: 0 SM SUBSTANDARD: 4,651 SM									
<b>PROJECT:</b> 1FI - F-22 Aircraft Maintenance Hangar, Squadron Operations and Aircraft Maintenance Unit (AML) (New Mission)									
UIII (ANU) (New MISSIOI) REOUREMENT: A consolidated squadron operations and maintenance facility with an attached									
aircraft hangar is required to support the beddown of the E-22 Fighter. The E-22 requires specialized									
maintenance and repair procedures on composite materials that must be accomplished in a secure									
climate controlled work environment. The base requires an adequately sized and properly configured									
complex for the maintenance and operation of one wing of F-22 fighter aircraft. The concept of									
operation at other F-22 locations indicate the most optimum and secure operation would be to have the									
hangar, the squadron operations area, and the aircraft maintenance unit in one efficient complex.									
Functional areas include: the hangar bay for 6 aircraft, a two-story squadron ops and maintenance unit.									
<u>CURRENT SITUATION</u> : Existing facilities cannot be upgraded to meet the requirement. The hangar									
is a 1900 vintage facility that can only accommodate four F-22 aircraft. Due to the site configuration,									
ute nangar cannot be expanded. The existing nangar contains aspestos and lead-based paint, and no life protection. The squadron ons area is located on the second and third floors of a lean to attached to the									
hangar At only 10.932 SF it is 43% undersized. Due to configuration the squad one area canno				a cannot be					
nangai. At only 10,952 SF, it is 45% undersized. Due to configuration, the squad ops area cannot be									
1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT	DATA	2. DATE						
---	--	----------------------------	------------------------	--	--	--	--		
		E 1 0010							
ANG 2 INSTALLATION			February 2010						
5. INSTALLATION	AND LOCATION								
HICKAM AIR FORC	E BASE, HAWAII								
5. PROJECT TITLE	,	7. PRO	JECT NUMBER						
TFI - F-22 HANGAR,	SQUADRON OPERATIONS AND AMU	K	NMD069209						
economically expan	nded and upgraded to meet the security requirements fo	r this new f	ighter. The squad						
ops area is long and	I narrow. Crews have to backtrack numerous times to a	ccomplish	training and						
process through the	building for mission planning. The existing AMU are	a is only 3,4	126 SF and						
located in a poorly	insulated, antiquated metal building that should have be	en demolis	shed long ago.						
The building canno	t be made secure and is poorly located for future operation	ions.	. 11 1						
IMPACT IF NOT F	<u><b>PROVIDED</b></u> : Unable to maintain the aircraft within structure Degraded Secondary Operation	ct climate-	controlled						
this facility could r	by ancrant manufacturer. Degraded Squadron Operations	ons functio	d increase the						
notential for a serio	us mishan E-22 aircraft component security requirement	apability at	he met Accent						
risk to E-22 mission	a canability through inadequate maintenance, aircrew n	reparation	and aircraft						
security	reapaointy unough madequate maintenance, ancrew p	oparation,							
ADDITIONAL: TI	nis project meets the criteria/scope specified in Air Nati	onal Guard	Handbook 32-						
1084 "Facility Reg	uirements" and is in compliance with the base master r	olan Antite	errorism/Force						
Protection requirem	ents have been considered in the development of this r	roject Mis	sion						
requirements, opera	tional considerations and location are incompatible with	h use by of	her components.						
An economic analy	sis has been prepared comparing the alternatives of new	v constructi	on, revitalization.						
leasing and status q	uo operation. Based on the net present values and bene	fits of the r	respective						
alternatives, new co	onstruction was found to be the most cost efficient over	the life of t	he project. The						
following buildings	will be demolished as a result of this project: 3400 (at	6,549 SM)	, 3404 (at 355						
SM), 3402 (at 186 S	SM), 3422 (at 71 SM), 3426 (at 253 SM), 3434 (at 7 SM	1), 3435 (at	t 362 SM), 3437						
(at 49 SM) and 343	1 (at 106 SM) for a total of 7,938 SM. Project will inc	orporate Le	eadership in						
Energy and Enviror	mental Design (LEED) and sustainable development c	oncepts, so	as to achieve						
optimum resource e	efficiency, constructability, sustainability, and energy co	onservation	, while						
minimizing adverse	impacts to the built and natural environments through	all phases of	of its life cycle.						
This may result in p	primary facility costs exceeding DoD costing standards.	but the init	tial investment in						
higher acquisition c	ost will be rewarded with lower life cycle costs. This i	s consistent	t with the						
requirements of the	requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c), Executive Order 13423,								
and other applicable	e laws and Executive Orders.								
	NTENANCE HANGAD/SHODS ADEAS $2$	090 SM - 1	12 912 CE						
	$\begin{array}{llllllllllllllllllllllllllllllllllll$	766  SM = 2	+2,042 SF 10 000 SF						
	$\frac{1}{1}$	700  SW = 1 447  SM = 1	15,005 SI 15 576 SE						
AIRCRAFT MAINTENANCE UNIT AREA 1,447 SM = 15,576 SF									

1. COMPONENT         FY 2011 MILITARY CONSTRUCTION PROJECT DATA         2. DATE									
(computer generated)									
3. INSTALLATION AND LOCATION									
J. 1.	511LLLLLLL								
HICK	HICKAM AIR FORCE BASE, HAWAII								
5. PR	OJECT TITLE		7. PROJE	ECT NUMBER					
TFI -	F-22 HANGAR	, SQUADRON OPERATIONS AND AMU	KN	VMD069209					
12.	SUPPLEMENT	`AL DATA:							
a.	Estimated Desig	gn Data:							
	(1) Status:								
	(a) Date D	Design Started		OCT 2008					
	(b) Parame	etric Cost Estimates used to develop costs		YES					
	(c) Percent	t Complete as of Jan 2010		50%					
	* (d) Date 35	5% Designed		SEP 2009					
	(e) Date D	esign Complete		SEP 2010					
	(f) Type of	f Design Contract							
	(g) Energy	Study/Life-Cycle analysis was/will be performed		YES					
1	(2) Rasis								
1	(2) Dasis. (a) Standar	rd or Definitive Design -		NO					
1	(h) Where	Design Was Most Recently Used -		N/A					
		Design was most recently Used -		11/17					
	(3) Total Cost (	(c) = (a) + (b)  or  (d) + (e):		(\$000)					
	(a) Produc	tion of Plans and Specifications		2.895					
	(b) All Oth	her Design Costs		1.448					
	(c) Total			4.343					
	(d) Contra	et		4 343					
1	(e) In-Hou	se		-1,010					
	(4) Contract Av	ward (Month/Year)		FEB 2011					
	(5) Constructio	n Start		MAR 2011					
	(5) Constructed	n Start		1011 IIX 2011					
	(6) Constructio	n Completion		MAR 2012					
	* Indicates is comparal	completion of Project Definition with Parametric Cost Estimate ble to traditional 35% design to ensure valid scope and cost and	which executabi	lity.					
b. ]	Equipment assoc	iated with this project will be provided from other appropriation	IS:	N/A					
PO	INT OF CONTA	CT: DON BOONE, L.A.							
		(301) 836-8090							

1. COMPONENT		FY 2011 MILITARY CO	NSTRUCTI	ON PR	OJECT DA	ЛТА	2.	DATE	
(computer generated)					2010				
ANG 3 INSTALLATION				4			Fet	oruary 2010	
5. INSTALLATION	AND	LOCATION		4. TFI - (	4. PROJECT IIILE TEL- CNAE BEDDOWN - UPGRADE				
CAPITAL MUNICIP	AL AI	RPORT (MAP), ILLINOI	S	FACII	LITIES	20111	010		
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	MBER	8. PROJ	ECT	COST(\$000)	
52672F		610-285	DC	FT0690	)59		\$1 <i>6</i>	5.700	
		9 COST	ESTIMATI	ES		I		,	
		9.0001	LOTIMIT			UNI	Т	COST	
		ITEM		U/M	QUANTIT	Y COS	Т	(\$000)	
TFI - CNAF BEDDO	WN -	UPGRADE FACILITIES		SM	5,665			14,023	
CONVERT BUIL	DING	16 FOR AFFOR		SM	1,850	2,3	314	( 4,281)	
ADD TO PLDC 2	DING	35 FOR AMD		SM	1,525	2,	514 014	(3,529)	
CONVERT BUIL	J FUR	RING 36 FOR AOC		SM	1 1 2 8	5,0	514 884	(2,101)	
ADD TO BLDG 3	6 FOR	AOC		SM	465	3.0	)14	(2,123) (1.402)	
ANTITERRORIS	M FOI	RCE PROTECTION		SM	5,663	2,	22	(1,102)	
SDD&EPACT (39	6 FOR	LEED CERT/ENERGY (	CONSERV)	LS	· · ·			( 460)	
SUPPORTING FAIL	ITIES			LS				982	
UTILITIES				LS				( 307)	
PAVEMENTS		~		LS				( 175)	
SITE IMPROVEN	1ENTS							(150)	
AT/FP SITE IMP	ON SU 20VE	MENTS						(200)	
SUBTOTAL				LS				$\frac{(-150)}{15.005}$	
CONTINGENCY (5	%)							750	
TOTAL CONTRAC	T COS	T						15,755	
SUPERVISION, INS	SPECT	ION AND OVERHEAD (	6%)					945	
TOTAL REQUEST								16,700	
10 Description of	Propo	sed Construction Reco	nfigure int	erior w	alls repla	ce electri	cal a	nd HVAC	
systems replace exi	sting	security and fire protecti	on system	s Inco	rnorate IA	FAN 6/9	) faci	lity security	
requirements, establ	ish an	operations floor with a	battlecab r	nezzan	ine level.	update in	terio	r surfaces	
and establish a raise	d floo	or for communications.	Add 1.162	SM to	accommo	date incr	ease	d personnel	
and classified work	space	requirements. Repair fa	acility exte	rior to	include: r	oof, exter	rior s	surfaces,	
lighting, AT/FP req	uirem	ents, parking and landsc	aping. Inc	lude al	l necessary	y support	to co	omplete	
facility.			1 0		-				
Air Conditioning: 1	,050 k	KW.							
11. REQUIREME	NT: 5	6,663 SM ADEQUATI	E: 0 SM	SUBS'	TANDAR	D: 4,501	SM	[	
PROJECT: TFI - c	NAF	Beddown- Upgrade Fac	ilities (Nev	v Missi	on)				
<b><u>REQUIREMENT</u></b> :	Per th	ne 2005 Defense BRAC	Final report	rt recor	nmendatio	on numbe	r 90,	, the F-16	
aircraft will be relo	cated	to other units or retired t	from this b	ase. T	hrough To	tal Force	Inte	gration	
initiatives, the base	has b	een selected to receive a	cNAF as a	a new r	nission. T	The cNAF	' pro	vides	
combatant comman	ders v	with ready-to-act comma	and and con	trol ca	pability fo	or conting	ency	y operations.	
The base requires adequately sized and properly configured facilities to support a cNAF Air Operation					ar Operations				
Center (AOC) and an Air Forces Forward (AFFOR) that will meet the critical requirements of a new					ts of a new air				
operation C2 initiat	ive in	the USSOUTHCOM ar	ea or respo	nsibili ation	y. The A	OC inclu	aes I	unctional	
communications of	le IOI	pians, operations, intern	gence, logi	stics, c	Command	Vice supp	Elor	and $(CSE)$ a	
Classified Work Sr	ace de	eveloped to meet IAFAN	$\sqrt{6/9}$ requi	nalli d rement	command and an (	neration	Little og fle	non (CSE), a	
battlecab This pro	iect w	ill support the following	elements	of the <i>c</i>	$NAF \cdot AO$	)C- 135 n	erso	n: AMD-52:	
AFFOR-109 Total	: 296	in support the following	, erements				0150	,	
	/ 0								

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT D	ATA	2. DATE		
	(computer generated)				
ANG 2 INSTALLATION			February 2010		
3. INSTALLATION	AND LOCATION				
CAPITAL MUNICIP	AL AIRPORT (MAP), ILLINOIS				
5. PROJECT TITLE		7. PRO.	JECT NUMBER		
		-			
TFI - CNAF BEDDO	WN - UPGRADE FACILITIES	D	CFT069059		
CURRENT SITUA	<u>TION</u> : The Squadron Operations Facility, Avionics Shoj	o, and En	gine Shop can be		
Avionics and engin	a repair buildings are structurally sound, but require signi	ficant rec	ons racinty,		
inside and ungrade	to meet new mission needs to include extensive security (	to includ	e IAFAN 6/9-		
compliant construct	tion), communications, standby power, and air conditioni	ng. electri	ical upgrade and		
the installation of ra	aised floor system for the communications and computer of	cables. T	he avionics		
facility also needs a	in addition to accommodate the number of personnel assig	gned to th	e mision. This		
facility requires ast	estos removal to meet federal, state, and local Environme	ntal Prote	ection Agency		
(EPA) requirement	s. The HVAC unit is over 30 years old and is insufficient	to meet t	he required load		
capacity of the new	communications equipment. The roofs are over 10 years	old. Inte	erior walls violate		
the JAFAN 6/9 mai	nual on physical security standards for this mission. The	latrine pro	ovisions within		
these buildings are	insufficient. The Squadron Operations facility does not h	ave a rais	sed floor to		
accommodate the e	Extrical and communications cabling. The facilities requ	ire update	ed fire protection		
IMPACT IF NOT I	EIL 01-01-01. PROVIDED: cNAE will beddown in inadequate, unconfi	ourad fac	ilities designed		
for a small flying so	<u>NOVIDED</u> . CNAF will be down in inadequate, uncomputed space will leave some of	VAF func	tions without		
facilities. Classifie	d missions cannot be accomplished, or will be partially pe	erformed	in cramped.		
overcrowded facilit	ies that meet minimum security requirements. Mission tr	aining wi	ll be significantly		
hindered. The risk	of classified compromise, mission degradation, or mission	n failure o	due to inadequate		
facilities will be high	yh.		1		
ADDITIONAL: T	his project meets the criteria/scope specified in Air Nation	nal Guard	Handbook		
32-1084, "Facility ]	Requirements" and is in compliance with the base master	plan. An	titerrorism/Force		
Protection requirem	nents have been considered in the development of this pro	ject. Proj	ject will		
incorporate Leaders	ship in Energy and Environmental Design (LEED) and su	stainable	development		
concepts, so as to a	chieve optimum resource efficiency, constructibility, sust	ainability	, and energy		
phases of its life ou	a limiting adverse impacts to the built and natural environments of the built and natural environments for the built and natural envir	on costi	unrougn an		
the initial investme	nt in higher acquisition cost will be rewarded with lower l	life cycle	costs This is		
consistent with the	requirements of the Energy Policy Act of 2005 (EPAct05	). $10 \text{ USC}$	2805 (c).		
Executive Order 13	423, and other applicable laws and Executive Orders. Ar	n econom	ic analysis has		
been prepared com	paring the alternatives of new construction, revitalization,	and statu	is quo operation		
and it was determin	ed that revitalization provides the highest benefit to cost	ratio.			
CONVERT BUI	LDING 16 FOR AFFOR 1,85	0  SM = 1	19,908 SF		
CONVERT BUI	LDING 35 FOR AMD 1,52	5  SM = 1	16,414 SF		
ADD IU BLDG	DING PLDG 26 EOD AOC 1 12	$\gamma / SM = 1$	7,500 SF		
	$\frac{1}{12} \frac{1}{12} \frac$	0  SIVI = 1 5  SM = 5	2,139 SF 5 000 SF		
ADD TO BLDG	36 FOR AOC 46	5  SM = 5	5,000 SF		

1. CO	2. DATE			
		(computer generated)		
	ANG	<u> </u>		February 2010
3. IN	STALLATION	AND LOCATION		
ABR	AHAM LINCOL	IN CAPITAL AIRPORT (ANG), ILLINOIS		
5 DD				
5. РК ТЕГ-	OJECT TILE	WN LIDCDADE FACILITIES	/. PKUji	ECT NUMBER
111	CIAL DEDUC	WIN- OF ORADE FACILITIES	D	CFT069059
			~	CI 100,007
12	SUPPI EMENT	ΓΔΙ ΠΔΤΔ·		
12.	SOLLEDINE			
a.	Estimated Desig	gn Data:		
		2		
	(1) Status:			
	(a) Date D	Design Started		JUN 2008
	(b) Parame	etric Cost Estimates used to develop costs		No
	(c) Percent	Complete as of Jan 2010		35%
	* (d) Date 53	5% Designed		JAN 2010
	(e) Date D	esign Complete		SEP 2010
	(f) Type of	Design Contract		VEC
	(g) Ellergy	Study/Life-Cycle analysis was/will be performed		ILS
	(2) Basis:			
1	(a) Standar	rd or Definitive Design -		NO
1	(b) Where	Design Was Most Recently Used -		N/A
	(0)	bolgn mas most recently eser		
1	(3) Total Cost (	(c) = (a) + (b)  or  (d) + (e):		(\$000)
1	(a) Product	tion of Plans and Specifications		1,050
	(b) All Oth	ier Design Costs		525
	(c) Total	-		1,575
1	(d) Contrac	ct		1,575
	(e) In-Hou	se		
		101 A R7 \		
	(4) Contract Av	ward (Month/Year)		FEB 2011
	(5) Constructio	un Start		MAR 2011
	(J) Constructio	ii Start		MAR 2011
	(6) Constructio	on Completion		AUG 2012
	* Indicates	completion of Project Definition with Parametric Cost Estimate	e which	
	is comparal	ble to traditional 35% design to ensure valid scope and cost and	executabi	lity.
	_			
b. 1	Equipment assoc	iated with this project will be provided from other appropriation	ns:	N/A
PO	INT OF CONTA	CT: John Scanlon		
		(301) 836-8083		

1. COMPONENT		FY 2011 MILITARY CO	NSTRUCTIC	N PR	OJECT DA	ЛТА	2.	DATE
(computer generated)					2010			
3. INSTALLATION A	AND	LOCATION	4	4. I	PROJECT	TITLE	TC	Juary 2010
			,	TFI - ASOS BEDDOWN - UPGRADE				
HULMAN REGIONA	LAI	RPORT, INDIANA		FACIL	<u>ITIES</u>	0.00		
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	I'NUN	ABER	8. PRO	JJECT	COST(\$000)
52671F		141-753	LDX	F0691	23		\$4	,100
		9. COST	ESTIMATE	S				
		ITEM		U/M	OUANTIT		NIT	COST (\$000)
TFI- ASOS BEDDOV	WN			SM	3,568		551	3,453
CONVERT FUEL	CELI	L TO ASOS SPACE		SM	1,728		592	( 1,023)
CONVERT WEAP	PONS	RELEASE SHOP TO AS	OS SPACE	SM	595		969	( 577)
CONVERT ENGI	NE SE	IOP TO ASOS SPACE		SM	1,245		1,345	(1,675)
ANTITEKKOKISM SDD&FPACT (3%		CEPROTECTION RIFFD CFRT/FNFRGY	CONSERV		3,308		22	(78)
SUPPORTING FACI	LITIE	ES	CONSERV)	LS				231
UTILITIES				LS				( 90)
PAVEMENTS				LS				( 60)
SITE IMPROVEM	ENTS	S NUDDODT		LS				( 31)
	JNS S	SUPPORT		LS				$\frac{(50)}{3684}$
CONTINGENCY (59	6)							184
TOTAL CONTRACT	r COS	T						3,868
SUPERVISION, INS	PECT	ION AND OVERHEAD (	6%)					232
TOTAL REQUEST								4,100
10. Description of I	Propo	osed Construction: Upgr	ade and mo	dify ir	nterior are	as by re	elocati	ng and
extending walls and	utiliti	ies systems. Provide site	e support to	incluc	le utilities	, paven	nents,	site
improvements and fi	re pro	otection.						
Air Conditioning: 26	03 KV	$\frac{1}{2} \frac{1}{567} \frac{1}{5} $	E OSM S	TIDC		D: 25	67 SM	ſ
PROJECT: $TEL \Delta$	5021 1202	Beddown (New Mission	) COSMIS	ODS.	IANDAK	D: 5,5	07 21	l
REOLIREMENT	The P	ase requires permanent	) facilities foi	• the h	eddown o	fanew	, 113th	Air Support
Operations Squadro	n (AS	SOS). The mission of th	e ASOS is t	o trair	and depl	ov with	n Army	units and
direct air support an	d cov	ver, linking ground comb	at forces wi	th air	crew mem	bers pr	ovidin	g close air
support. The missio	on req	uires adequately sized a	nd properly	confi	gured faci	lities w	ith the	necessary
electrical and mecha	anical	l systems to support miss	sion comma	nd and	d control,	missio	n traini	ng, radio and
vehicle maintenance	e, wea	apons storage, mission p	lanning, and	l admi	inistration	suppor	t. The	e storage shed
is required to house	24-ea	ach HMMW vehicles. 7	This ASOS u	init su	pports the	e 38th I	D, 76tl	n and 46th
BUIS. CUDDENT SITUA	TION	I. The base lost the E 14	mission of	0 2001	1t of DD	$\sim 200$	5 5	ting
buildings are availab	hle ar	d can be modified and i	ingraded to	a lest	$\Delta SOS red$	10200	). EXI nte T	sung he former
F-16 fuel cell will b	e reus	sed for high mobility mu	ltinurnose v	vheele	ed vehicle	(HMM	(WV)	storage and
shop space. It requires the removal of the breathing apparatus and rearrangement of fire suppression					uppression.			
interior partitions ar	nd ele	ctrical systems. The F-1	l6 jet engine	e shop	will be re	eused fo	or ASC	S equipment
storage and equipme	ent m	aintenance/training shop	space. The	e F-16	weapon 1	elease	facility	will be
reused for ASOS op	eratio	onal/administrative space	e. Both the	engin	e shop and	d weapo	ons rel	ease buildings
are structurally sour	nd but	t require significant inter	rior and exte	rior re	econfigura	ation to	meet t	the ASOS
space requirements.	Eacl	h building requires an up	ograded fire	protec	ction syste	em.		
IMPACT IF NOT P	KOV	<u>IDED</u> : Unable to train,	maintain an	d stor	e the equi	pment.	Unab	le to beddown
new unit in proper f	aciliti	ies. Temporary interim	work around	1 are t	being used	to mee	et timii	ig and

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DAT	ГA	2. DATE							
(computer generated)										
ANG			February 2010							
3. INSTALLATION	AND LOCATION									
HULMAN REGIONA	AL AIRPORT. INDIANA									
5. PROJECT TITLE		7. PROJ	ECT NUMBER							
TFI - ASOS BEDDO	WN - UPGRADE FACILITIES	LI	DXF069123							
mission requirement	mission requirements. Unable to meet full operational capability in support of Army/ARNG combat									
requirements.										
ADDITIONAL: T	his project meets the criteria/scope specified in Air Nation	al Guard	Handbook 32-							
1084, "Facility Rec	urements". Antiterrorism/Force Protection requirements	have bee	n considered in							
the development of	this project. This facility can be used by other component	its on an	as available							
onsis; nowever, the	scope of the project is based on Alf National Guard requi	rements.	All economic							
status quo operation	Based on the net present values and benefits of the resp	vitalizati	on, leasing and							
conversion was fou	nd to be most cost efficient over the life of the project. Pt	oiect will	incorporate							
Leadership in Ener	gy and Environmental Design (LEED) and sustainable des	velonmen	t concepts, so as							
to achieve optimum	resource efficiency, constructability, sustainability, and e	energy co	nservation, while							
minimizing adverse	e impacts to the built and natural environments through all	phases o	f its life cycle.							
This may result in p	primary facility costs exceeding DoD costing standards, but	ut the init	ial investment in							
higher acquisition of	cost will be rewarded with lower life cycle costs. This is c	onsistent	with the							
requirements of the	Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c),	Executiv	'e Order 13423,							
and other applicabl	e laws and Executive Orders.									
CONVERT FUE	L CELL TO ASOS SPACE 1,72	8  SM = 1	8,600 SF							
CONVERT WEA	APONS RELEASE SHOP TO ASOS SPACE 59	5  SM = 6	,405 SF							
CONVERT ENG	INE SHOP TO ASOS SPACE 1,24	5  SM = 1	3,401 SF							
1										

1. C	OMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DA	TA	2. DATE
		(computer generated)		
	ANG			February 2010
3. IN	STALLATION	AND LOCATION		
HUL	MAN REGIONA	AL AIRPORT, INDIANA		
5. PR	OJECT TITLE		7. PROJE	ECT NUMBER
TFI -	ASOS BEDDOV	WN - UPGRADE FACILITIES	тт	
				JAF009125
12.	SUPPLEMENT	AL DATA:		
a.	Estimated Desig	gn Data:		
	(1) Status:			MAN 2006
	(a) Date D	esign Started		MAY 2006
	(0) Parame	Complete as of Ian 2010		1NO 70%
	(c) Fercent * (d) Date 35	5% Designed		MAR 2007
	(u) Date D	esign Complete		SEP 2010
	(f) Type of	Design Contract		SEI 2010
	(g) Energy	Study/Life-Cycle analysis was/will be performed		YES
	(g) Energy	Study/Ene Cycle analysis was, will be performed		1L5
	(2) Basis:			
	(a) Standar	d or Definitive Design -		NO
	(b) Where	Design Was Most Recently Used -		N/A
		c i		
	(3) Total Cost (	(c) = (a) + (b)  or  (d) + (e):		(\$000)
	(a) Product	tion of Plans and Specifications		261
	(b) All Oth	er Design Costs		130
	(c) Total			391
	(d) Contrac	et		391
	(e) In-Hou	se		
	(1) Contract Ar	ward (Month (Voor)		EED 2011
	(4) Contract AV	ward (Monul/ 1 ear)		FED 2011
	(5) Constructio	n Start		MAR 2011
	(6) Constructio	n Completion		AUG 2012
	* Indicates	completion of Project Definition with Parametric Cost Estimate	which	1.
	is comparal	ble to traditional 35% design to ensure valid scope and cost and	executabi	lity.
h	Equipment assoc	isted with this project will be provided from other appropriation		$N/\Lambda$
0.	Equipment assoc	alled with this project will be provided from other appropriation	15.	$\mathbf{N}/\mathbf{A}$
PO	INT OF CONTA	CT: David Thompson		
		(301) 836-8429		

1. COMPONENT	FY 2011 MILITARY CO	NSTRUCTI	ON PR	OJECT DA	ТА	2.	DATE
	(comp	uter generat	ed)			<b>_ _</b> 1	2010
ANG 2 INSTALLATION AND			/ I		ΤΙΤΙ Ε	Fel	oruary 2010
5. INSTALLATION AND	LOCATION		REPL	ACE OPEF	RATIONS	ANI	) MEDICAL
MARTIN STATE AIRPOR	T, MARYLAND		TRAIN	NING FAC	CILITY	1 11 11	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	CT NUN	<b>/</b> BER	8. PROJ	ECT	COST(\$000)
5005.65	171 450	<b>D</b> D		20		<b>ф11</b>	40.0
52276F	171-450	PJN	/189099	28		\$11	,400
	9. COST	ESTIMATI	ES		I		
	ITEM			OLIANTIT		IT	COST
REPLACE OPS AND ME	DICAL TRAINING FACI	IITV	SM	QUANIII 3 131		51	(\$000)
WING HEADOUARTE	RS		SM	279	2.	368	( 661)
OPS AND TRAINING A	AREA		SM	1,737	2,	368	(4,113)
MEDICAL TRAINING	AREA		SM	1,115	2,	906	( 3,240)
ANTITERRORISM FOR	RCE PROTECTION		SM	3,131		22	( 69)
SDD&EPACT (3% FOR	LEED CERT/ENERGY (	CONSERV)	LS				( 238)
SUPPORTING FACILITIE	25		TS				1,883
SITE IMPROVEMENTS	S						(423)
COMMUNICATION SU	JPPORT		LS				( 150)
UTILITIES			LS				( 810)
FIRE PROTECTION SU	JPPORT		LS				( 100)
DEMOLITION/ASBEST	FOS REMOVAL		SM	1,728		161	<u>(278)</u>
SUBTOTAL CONTINGENCY (5%)							10,204
TOTAL CONTRACT COS	ST.						$\frac{510}{10714}$
SUPERVISION, INSPECT	ION AND OVERHEAD (	(6%)					643
TOTAL REQUEST							11,357
TOTAL REQUEST (ROU)	NDED)						11,400
10. Description of Prope	sed Construction: Rein	forced cond	crete fo	undation	and floor	. slab	with steel-
framed brick veneer walls	and standing seam met	al roof stru	cture.	Exterior o	f the faci	lity i	s to match
base architectural style.	Construction includes all	supporting	g utilitie	es and sub	systems,	acce	ess
pavements, site improven	nents, and fire protection	n. Variable	Air Vo	olume HV	AC syste	em w	ith DDC
controls. Facility to supp	ort pre-wired workstatio	n installati	on. De	molish ex	isting bu	ildin	g 1080
(1,728 SM).							
Air Conditioning: 350 KV	V						_
11. REQUIREMENT: 3	3,196 SM ADEQUAT	E: 0 SM	SUBS	ΓANDAR	D: 1,728	8 SM	[
PROJECT: Replace Ope	erations and Medical Tra	uning Facil	1ty (Cu	rrent Miss	sion)		•
<u>REQUIREMENT</u> : The	1/5 WG requires proper	ly sized and	1 adequ	lately con	figured s	pace	in support of
classrooms administratio	n and a future C-27 Carg	go all'craft s	quadro	ome as w	oll as sur	is mort	space
CURRENT SITUATION	I. The 175 WG Operation	ons and Tr	aining f	facility is a	on as sup a 1960's	vinta	space. oge building
that was constructed on t	he edge of the base's per	rimeter Tl	nis huil	ding gross	a 1900 s slv fails t	o me	et required
Unified Facilities Criteria	a (UFC) and anti-terroris	sm force pr	otectio	n (ATFP)	standard	s. be	ing only 10
feet from the fence line,	which is adjacent to a pr	imary state	road.	When exp	olosive w	eight	t II (vehicle
bomb) simulations have	been run, they indicate n	nassive los	s of life	and dest	ruction w	ithin	and to the
building. This aged facil	ity is energy inefficient,	maintenan	ce inter	nsive, and	poorly c	onfig	gured for
current missions and offi	ce requirements. After 4	40 years, th	is build	ting is als	o beyond	l buil	ding systems
modernization and upgra	des. The roof has nume	rous leaks,	HVAC	and elect	trical syst	tems	do not meet
ASHRAE or NEC requir	ements, there is no fire s	suppression	and th	e floor pla	an is exte	mely	inefficient.
Upon completion of this	project, the existing buil	ldıng will b	e demo	olished an	d the area	a mao	de into a
parking lot.							

·				Τ
1. COMPONENT	COMPONENT FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
	(computer generated)			F 1 2010
ANG 2 INSTALLATION				February 2010
5. INSTALLATION	AND LOCATION			
MARTIN STATE AI	RPORT, MARYLAND			
5. PROJECT TITLE			7. PROJI	ECT NUMBER
REPLACE OPERATI	ONS AND MEDICAL TRAIN	ING FACILITY	Р	JMS909928
IMPACT IF NOT I	PROVIDED: The 175 WG o	perations functions continue	to operat	e in a sub-
standard facility that	at cannot meet mission requir	ements. Personnel security 1	remains a	t an unacceptable
level by working in	a building that grossly fails t	to meet current UFC and AT	FP requir	rements and
standards. The wor	rk environment remains ineff	icient with multiple work-are	ounds in a	an effort to make a
substandard facility	meet current mission require	ements. The facility places a	n undue s	strain on the
operating budget by	y consuming an inordinate an	nount of energy in its heating	, cooling	and illumination
systems. Maintena	nce staff and budget are stres	sed with the constant repairs	required	to keep the
facility operational.				
ADDITIONAL: T	his project meets the criteria/	scope specified in the Air Na	tional Gu	ard Handbook
32-1084, "Facility	Requirements" and is in comp	pliance with the approved ba	se master	plan. There is
minimal threat and	the level of protection is low	so minimum construction st	andards h	ave been applied.
Upon completion o	t this project, building 1080 (	(1, 728  SM) will be demolished	ed. This	facility can be
used by other comp	oonents on an "as available" b	basis; however, the scope of t	the projec	t is based on Air
National Guard req	uirements. Project will inco	rporate Leadership in Energy	and Env	ronmental
Design (LEED) and	i sustainable development co	ncepts, so as to achieve optim	num reso	urce efficiency,
constructability, su	stainability, and energy conse	ervation, while minimizing a	dverse im	ipacts to the built
and natural environ	ments through all phases of 1	investment in higher acquisi	tion cost	ry facility costs
exceeding DoD cos	ting standards, but the initial	investment in figher acquisi	UION COSIS	s will be rewarded
(EDA at 05) 10 USC	2205 (a) Executive Order 1	2422 and other applicable l	hergy Pol	Tracutive Orders
(EPACIUS), 10 USC	2805 (c), Executive Order 1	5425, and other applicable la	iws and E	en revitalization
An economic analy	sis has been prepared company	the alternatives of new C	to of the r	
alternatives new of	an operation. Based on the f	a most cost afficient over the	a life of t	be project
alternatives, new co	Distruction was found to be th	le most cost efficient over un	e me or i	ne project.
OPS AND TRAIN	ING AREA	1,737 SM = 18,700 SF		
MEDICAL TRAIN	ING AREA	1,115 SM = 12,000 SF		
WING HEADQUA	RTERS	279  SM = 3,000  SF		
1				

1. COMPONENT         FY 2011 MILITARY CONSTRUCTION PROJECT DATA         2. DATE									
	ANC	(computer generated)	ł	Eshmory 2010					
3. IN	STALLATION	AND LOCATION	J	February 2010					
MAR	MARTIN STATE AIRDORT MARYI AND								
5. PR	5. PROJECT TITLE 7. PROJECT NUMBER								
			_						
REPL	ACE OPERATI	IONS AND MEDICAL TRAINING FACILITY	P.	JMS909928					
12.	SUPPLEMENT	TAL DATA:							
a.	Estimated Desig	gn Data:							
	(1) Status:	· ·							
	(a) Date D	Design Started		FEB 2009					
	(b) Parame	etric Cost Estimates used to develop costs		NU 25%					
	(C) Percent * (d) Data 3	t Complete as of Jan 2010		55% DEC 2000					
	(0) Date 5.	5% Designed		DEC 2009					
	(e) Date $D$	esign Complete		SEP 2010					
	(I) I ype of (g) Epergy	I Design Contract		VES					
	(g) Energy	Study/Life-Cycle analysis was/will be performed		1 ES					
1	(2) Basis:								
1	(a) Standar	rd or Definitive Design -		No					
	(b) Where	Design Was Most Recently Used -							
1		··· ·· · · · · · · · · · · · · · · · ·		(1000)					
1	(3) Total Cost (	(c) = (a) + (b)  or  (d) + (e):		(\$000)					
l	(a) Produc	tion of Plans and Specifications		684					
	(b) All Otr	her Design Costs		342					
1	(c) Total			1,026					
	(d) Contra	ct		1,026					
	(e) In-Hou	se							
	(4) Contract Av	ward (Month/Year)		FEB 2011					
	(5) Constructio	on Start		MAR 2011					
	(6) Constructio	on Completion		MAR 2012					
	* Indicates is compara	completion of Project Definition with Parametric Cost Estimate ble to traditional 35% design to ensure valid scope and cost and e	which executabi	lity.					
b. F	Equipment assoc	iated with this project will be provided from other appropriations	s:	N/A					
1									
POI	INT OF CONTA	ACT: MICHELLE LEWIS							
		(301) 836-8842							

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA 2. DATE							DATE
(computer generated)					2010			
ANG 3 INSTALLATION				<u>/</u> F	PROJECT	FITI F	Fet	bruary 2010
J. INSTALLATION		LOCATION		TFL - REAPER INFRASTRUCTURE				
FORT DRUM MILIT	ARY	RESERVATION, NEW Y	ORK	SUPPO	ORT			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	T NUN	<b>IBER</b>	8. PROJI	ECT	COST(\$000)
53218F		112-211	FPB	B1090	13		\$2,	500
		9. COST	ESTIMATE	S				
						UNI	Г	COST
		ITEM		U/M	QUANTIT	Y COS	Т	(\$000)
REAPER INFRAST	RUCT	URE SUPPORT						1,360
RAMP AND TAX	IWAI	LIGHTING						(1,200)
SDD&EPACT (39	6 FOR	LEED CERT/ENERGY (	CONSERV)	LS				(100)
SUPPORT FACILIT	IES			LS				890
ACCESS ROAD A	AND P	ARKING PAVEMENTS		LS				( 110)
SITE DEVELOPN	1ENT	AND SURFACE IMPRO	VEMENTS	LS				( 375)
UTILITIES AND	COM	MUNICATIONS SUPPOR	T	LS				( 305)
ANTTERRORIS	M/FOI	RCE PROTECTION		LS				$\frac{(100)}{2250}$
CONTINGENCY (5)	%)							2,230
TOTAL CONTRAC	Г COS	T						2.363
SUPERVISION, INS	PECT	ION AND OVERHEAD (	6%)					142
TOTAL REQUEST								2,505
TOTAL REQUEST (	ROUI	NDED)						2,500
10 Description of	Duono	and Constructions Draw	de infractor			anto to in	alud	
10. Description of	rovor	osed Construction: Provi	vido concret		n slob opd	flovible		e
taviway with should	erc a	nd airfield lighting Pro	vide exteric	e apro r utilit	ii slab alle	vements	for s	access road
and parking lot Pro	vide	allied support for comm	unications s	vstem	s to includ	le conduit	run	s power
connections and an	tenna	support for a government	nt provided	antenr	a structur	e Site in	onro	vements and
miscellaneous suppo	ort.	support for a governmen	n provided	untern	iu structur	e. Site in	ipro	venients und
11. REQUIREMEN	NT: A	As Required.						
PROJECT: TFI - R	leaper	Infrastructure Support	New Missi	on).				
<b>REQUIREMENT</b> :	The I	New York Air National	Guard (NY	ANG)	requires a	n properly	' site	d, adequately
sized, and appropria	ately o	configured maintenance	hangar and	suppo	rting laun	ch and red	cove	ry element
(LRE) ground contr	ol sta	tion at Fort Drum to sup	port three N	/IQ-9 ı	ınmanned	aerial ve	hicle	es (UAVs)
scheduled to arrive	in late	e 2011. The mission req	uires a han	gar wit	th a minin	nal suppor	rting	general
purpose maintenance	e sho	p and an aircraft mainte	nance unit.	The L	RE requir	es comm	unic	ations
support with conne	ctivity	to the communications	network an	d requ	ires separ	ate and in	depe	endent
antenna sites, each	with f	iber connectivity and ele	ectrical pow	ver. A	lso require	ed is an ai	rcrai	ft apron and
taxiway pavements	comp	lete with lighting, as we	Il as road a	ccess a	ind vehicle	e parking	faci	lities.
CURRENT SITUA	TION	1: The New York Air N	ational Gua	rd has	been assig	gned a M	<b>J</b> -9	Reaper
squadron. Fort Drum's Wheeler-Sack Army Airfield can support				port a	Launch a	nd Recov	ery I	Element site
10r MQ-9 aircraft. A site survey conducted in July 2007 indi MQ-9 operations but facilities were not available. In 2007 t			the Fo	tilat tile a	ndorship	s su	la available a	
site on an existing concrete apron with limited utility capabilities where Reaper fac				er faciliti	inau	ould be		
constructed at a reduced cost A MILCON project was established unity capability			lished	to constru	ict the fa	ciliti	ies In FY10	
Congress advanced the MILCON funding from the FY11 F			DP to	FY10 Ir	the sprir	19 of	<sup>2</sup> 2009 after	
the project had been	unde	er design, the Fort Drum	leadership	change	ed the Rea	per proie	$\frac{1}{2}$ ct lo	cation site.
In their view, the ol	d site	was not in accordance v	with Fort Di	um's l	ong term	naster pla	an fc	or the airfield
and remotely pilote	d veh	icle (RPV) operations.	The new site	e met t	heir criter	ia, howev	ver, t	he new site
does not have the ra	amp, a	access pavements and ut	ility suppor	t that v	vas availa	ble at the	old	site. The

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DA	λТА	2. DATE					
	(computer generated)							
ANG			February 2010					
3. INSTALLATION	AND LOCATION							
FORT DRUM MILIT	FORT DRUM MILITARY RESERVATION. NEW YORK							
5. PROJECT TITLE		7. PROJI	ECT NUMBER					
TFI - REAPER INFR	ASTRUCTURE SUPPORT	F	PBB109013					
funds authorized an	d appropriated in the FY10 MILCON project are not eno	ugh to co	ver the					
infrastructure const	ruction required. This project will provide the needed inf	rastucture	e support for the					
FY10 MILCON so	that the FY10 project can be fully and effectively utilized	without	extensive high					
risk and expensive	workarounds. Even though there are more infrastructure	requireme	ents at this new					
site, the location co	mplements fielding the Army's Warrior RPV at Fort Drur	n and enh	ances future					
Warrior developme	nt plans. Infrastructure and operational synergies will be	achieved	as a result.					
IMPACT IF NOT H	<b><u>PROVIDED</u></b> : Failure to provide the required infrastrucutr	e to supp	ort maintenance,					
launch and recover	y facilities in New York will prevent the ANG from bedd	ing down	the UAV mission					
within the state and	ultimately being mission capable. Training of MQ-9 airc	crews will	l be delayed					
because they will n	ot have access to facilities to retain currency in launching	and reco	very of UAV					
aircraft. Operations	s and training missions will not be supported.	1.0.1	XX 11 1					
ADDITIONAL: T	his project meets the criteria/scope specified in Air Nation	ial Guard	Handbook					
32-1084, "Facility I	Requirements . There is minimal threat and the level of p	protection	IS IOW SO					
minimum construct	ion standards have been applied. All known alternatives/	options w	vere considered					
during the develop	nent of this project. No other option could meet the missi	ion requir	ements;					
Energy and Enviror	mic analysis was needed of performed. Project will incompose a performent approximatel Design (LEED) and sustainable development approximately a	porate Le	adership in					
optimum resource e	officiency, constructability, sustainability, and energy con-	servation	while					
minimizing adverse	impacts to the built and natural environments through all	bei valion,	f its life cycle					
This may result in r	rimary facility costs exceeding DoD costing standards h	i pliases o	ial investment in					
higher acquisition c	cost will be rewarded with lower life cycle costs. This is c	consistent	with the					
requirements of the	Energy Policy Act of 2005 (EPAct05) 10 USC 2805 (c)	and Exe	cutive Order					
13423 and the Ener	experience of 2005 (Errices), 10 050 2005 (Cr	, una Ente						
	6)							

1. C	OMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DA	TA	2. DATE				
		(computer generated)		<b>Data area 2010</b>				
3 IN	ANG JSTALLATION	AND LOCATION		Februrary 2010				
<i>J</i> . <b>I</b> .								
FOR	Γ DRUM MILIT	ARY RESERVATION, NEW YORK						
5. PR	.OJECT TITLE		7. PROJE	ECT NUMBER				
TFI -	REAPER INFR.	ASTRUCTURE SUPPORT	F	PBB109013				
12.	SUPPLEMENT	TAL DATA:						
a.	Estimated Desi	gn Data:						
	(1) Status:							
	(a) Date D	Design Started		JUL 2008				
	(b) Parame	etric Cost Estimates used to develop costs		No				
	(c) Percent	t Complete as of Jan 2010		35%				
	* (d) Date 35	5% Designed		JAN 2010				
	(e) Date D	esign Complete		SEP 2010				
	(f) Type of	i Design Contract		VEQ				
	(g) Energy	Study/Life-Cycle analysis was/will be performed		YES				
	(2) Basis:							
	(a) Standa	rd or Definitive Design -		NO				
	(b) Where	Design Was Most Recently Used -		N/A				
	(2) Tetal Coat	(X - (X) + (A)) = (A) + (A)		(\$000)				
1	(3) Total Cost (	(c) = (a) + (b) or $(d) + (e)$ :		(\$000)				
1	(a) FIGUUE (b) All Oth	tion of Platis and Specifications		75				
	(c) Total	lei Design Cosis		225				
	(d) Contra	et .		225				
	(e) In-Hou	ise		223				
	(4) Contract Av	ward (Month/Year)		FEB 2011				
	(5) Constructio	on Start		MAR 2011				
	(6) Constructio	on Completion		MAR 2012				
	* Indicates is compara <sup>1</sup>	completion of Project Definition with Parametric Cost Estimate ble to traditional 35% design to ensure valid scope and cost and	e which executabi	lity.				
b.	Equipment assoc	iated with this project will be provided from other appropriation	18:	N/A				
PO	INT OF CONTA	CT: Mark H. Bailey						
		(301) 836-7042						

1. COMPONENT		FY 2011 MILITARY COL	NSTRUCTI	ON PR	OJECT DA	ЛТА	2.	DATE
(computer generated)								
3. INSTALLATION	AND	LOCATION		4 PROJECT TITLE				
STEWART INTERNA	ATION	NAL AIRPORT, NEW YC	RK	BASE	DEFENSE	E GROUP	BED	DOWN
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	T NUN	ABER	8. PROJ	ECT	COST(\$000)
52625F		730-835	WHA	AY0890	079		\$14	,250
		9. COST	ESTIMATE	ES				
					0.111	UN	IT	COST
PASE DEFENSE CI		(PDC) REDDOWN		U/M SM	QUANIII 5 382	Y COS	51	(\$000)
ADD TO EXISTIN	NG BL	LDG 106 FOR BDG		SM	3,382	2.	799	( 8.842)
ALTER EXISTIN	G BLI	OG 106 FOR BDG		SM	1,368	1,	130	(1,546)
CONVERT FIRE	STAT	ION FOR AERIAL PORT		SM	855	1,	238	( 1,058)
ANTITERRORISM	M FOI	CE PROTECTION	OVERDUN	SM	5,382	,	22	( 118)
SDD&EPACT(3%	FOR	LEED CERT/ENERGY C	CONSERV)					( 3/3)
UTILITIES		C/2						(250)
PAVEMENTS				LS				( 300)
SITE IMPROVEM	1ENTS	5		LS				( 126)
COMMUNICATI	ON SU	JPPORT		LS				( 90)
STANDBY POWE	ER			LS				$\frac{(100)}{12,992}$
CONTINGENCY (59	%)							12,803 640
TOTAL CONTRACT	Г COS	ST						13,443
SUPERVISION, INS	PECT	ION AND OVERHEAD (	6%)					807
TOTAL REQUEST								14,250
10. Description of	Prope	sed Construction: Addi	tion: Reinf	forced	concrete f	oundatio	n and	l floor slab
with steel framed ma	asonr	y walls and roof structur	e. Interior	walls a	and utilitie	es. Exter	ior to	match
building and base ar	chited	ctural style. Alteration:	Rearrange	and ex	tend inter	ior walls	and	utilities
including HVAC. F	loca	te the central security co	ontrol into t	he new	addition.	. Provide	e star	ndby power
for the security force	es cen	tral control center. Upg	rade fire pr	otectic	on systems	s. Exterio	or wo	ork includes:
extend pavements, u	itilitie	s, fire protection, comm	unications	and mi	scellaneou	us suppor	t.	
Air Conditioning: 3	50 KV	$\frac{V}{202}$ GM ADEQUATE				D 0.00		
II. REQUIREMEN	NI: 3 Nofons	,382 SM ADEQUATI	E: USM m (Now Mi	SUBS	IANDAR	D: 2,22.	5 SIM	L
REQUIREMENT.	The l	e Gloup (BDG) Beddow	sized and c	onfigu	red snace	to bedde	wn e	Security
Forces Base Defens	se Gro	) up and consolidate the $\epsilon$	existing has	e secu	rity forces	space re	anire	ements in one
location in support	of a 2	90 person squadron. The	e mission of	f the B	ase Defen	se Grour	) is to	train and
deploy to an area of	foper	ation and support the mi	ssion by pr	oviding	g ramp, pe	erimeter a	and c	other security
measures. It may a	lso in	volve providing security	for convoy	s and	other patro	ols. This	AN	G Base
Defense Group is as	ssocia	ted with the 820th Activ	ve Duty Squ	adron	at Moody	AFB, G	A.	
CURRENT SITUATION: A base site survey conducted in August 2008 indicated Stewart ANG Base								
is properly located for the training and operational requirements of this mission. For training purposes,								
BDG personnel will utilize existing small arms ranges at nearby West Point, NY (United States Military								
Academy) and Can	Academy) and Camp Smith Army National Guard Base. Stewart ANG Base does not have space for							
short of space The	the storage and training classrooms for this new mission. The base security forces squadron is already short of space. They have only 425 SM of their authorized 12 000 SM. This small area only allows							
central security con	central security control arms vault and minimal classrooms to train existing Air National Guard							
security forces mer	mbers	. As part of the base ma	npower res	et, the	aerial por	t manpov	ver v	vas reduced.
The 1,368 SM facil	ity (b	ldg 106) is oversized for	aerial port	functio	on and the	at space	can b	e better
reused and upgraded for the new BDG mission. In addition, the construction completion of the FY06								

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DA	ATA	2. DATE			
	(computer generated)					
ANG			February 2010			
3. INSTALLATION	AND LOCATION					
~~~~~						
STEWART INTERNA	ATIONAL AIRPORT, NEW YORK					
5. PROJECT TITLE		7. PRO.	JECT NUMBER			
BASE DEFENSE GR	OUP BEDDOWN	w	HAY089079			
MILCON Fire Stati	on allows reuse of the former fire station. This 855 SM	building c	an be upgraded			
and converted to me	eet the reduced aerial port requirements. Consequently,	he availat	ble building 106,			
the former aerial po	ort, can be expanded to consolidate the BDG and the base	security f	forces space			
requirements into a	n homogeneous security forces center for training and da	y-to-day o	operations, and			
will allow the conso	blidation of the security forces function in one location.					
IMPACT IF NOT F	PROVIDED: The Base Defense Group cannot become o	perational	, because they			
lack adequate facili	ties to train people and store equipment. The security for	rces consc	lidation cannot			
happen. The space	in the aerial port and former fire station facilities remain	underutili	ized and			
inefficient for curre	nt needs. Equipment will have to be stored outdoors and	be subjec	et to deterioration			
by the elements and	I may not be available when needed for training and oper	ational de	ployment.			
ADDITIONAL: Th	his project meets the criteria/scope specified in Air Natio	nal Guard	Handbook 32-			
1084, "Facility Req	uirements" and is in compliance with the base master pla	n. Antite	rrorism/Force			
Protection requirem	nents have been considered in the development of this pro-	ject. This	s facility can be			
used by other comp	onents on an "as available" basis; however, the scope of	the project	t is based on Air			
National Guard req	uirements. An economic analysis has been prepared con	paring the	e alternatives of			
new construction, re	evitalization, leasing and status quo operation. Based on	the net pr	esent values and			
benefits of the respe	ective alternatives, new construction was found to be the	most cost	efficient over the			
life of the project.	Project will incorporate Leadership in Energy and Enviro	nmental I	Design (LEED)			
and sustainable dev	elopment concepts, so as to achieve optimum resource el	ficiency,	constructability,			
sustainability, and e	sustainability, and energy conservation, while minimizing adverse impacts to the built and natural					
environments throu	environments through all phases of its life cycle. This may result in primary facility costs exceeding					
DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lowe						
life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05)						
10 USC 2805 (c), E	Executive Order 13423, and other applicable laws and Ex	ecutive Or	ders.			
Δ D D T O FXIST	ING BLDG 106 FOR BDG 3 1	50 SM - 3	4 000 SE			

ADD TO EXISTING BLDG 106 FOR BDG	3,159 SM = 34,000 SF
ALTER EXISTING BLDG 106 FOR BDG	1,368 SM = 14,730 SF
CONVERT FIRE STATION FOR AERIAL PORT	855 SM = 9,200 SF

1. C	1. COMPONENT FY 2011 MILITARY CONSTRUCTION PROJECT DATA 2. DATE			
		(computer generated)	ļ	-: 2010
2 IN	ANG		]	February 2010
5. III	STALLATION	AND LOCATION		
STEV	WART INTERN	ATIONAL AIRPORT, NEW YORK		
5. PR	OJECT TITLE		7. PROJE	ECT NUMBER
<b>D</b> 4 (1)			***	
BASI	E DEFENSE GR	OUP BEDDOWN	WI	HAY089079
10	SUDDI EMENT	сат та «та.		
12.	SUPPLEMENT	AL DATA:		
a.	Estimated Desig	gn Data:		
	(1) Status:	Noni- Okonkod		AUC 2000
	(a) Date D	Pesign Starled		AUG 2009 VES
	(U) Farance	the Cost Estimates used to develop costs		1 ES 2504
	(C) Fercent $*$ (d) Data 3'	Complete as of Jan 2010		33% TAN 2010
	* (u) Date $J_{a}$	)% Designed		JAIN 2010
	(e) Date D	esign Complete		MAK 2011
	(I) Type of (I) Energy	i Design Contract		VEC
	(g) Energy	Study/Life-Cycle analysis was/will be performed		1E2
	(1) Racio			
	(2) Dasis.	nd an Dafinitiva Dagian		No
	(a) Station (b) Whore	a or Denniuve Design -		INU
	(U) Where	Design was most Recently Used -		
	(3) Total Cost (	(a) - (a) + (b)  or  (d) + (a)		(\$000)
	(3) I Utar COST $(3)$ <b>Droduc</b>	(C) = (a) + (D) OI (u) + (C).		(\$000) \$55
	(a) FIULUE (b) All Off	uon of Plans and Specifications		033 197
	(0) All Out (a) Total	ler Design Cosis		427 1 202
	(C) 10tai	. 4		1,202
	(d) Contrac	ct		1,282
	(e) In-Hou	se		
	(4) Contract Ar	ward (Month/Vear)		IUN 2011
	(4) Contract 71			JUIN 2011
	(5) Constructio	on Start		JUL 2011
	(6) Constructio	n Completion		JAN 2013
	* Indicates	completion of Project Definition with Parametric Cost Estimate	which	
	is comparal	ble to traditional 35% design to ensure valid scope and cost and	executabi	lity.
	– · .			
b	Equipment assoc	iated with this project will be provided from other appropriation	18:	N/A
PO	INT OF CONTA	CT: Mark H. Bailey		
		(301) 836-7042		

1. COMPONENT	OMPONENT FY 2011 MILITARY CONSTRUCTION PROJECT DATA 2. DATE					DATE		
(computer generated)								
ANG 2 INSTALLATION				February 2010				
5. INSTALLATION	AND	LUCATION		4. I	-KUJEC I	IIILE		
STANLY COUNTY	AIRPO	ORT, NORTH CAROLINA	A	UPGR	ADE ASO	S FACILI	TIES	5
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	<b>/</b> BER	8. PROJ	ECT	COST(\$000)
52671F		141-753	WEI	FM089(	)29		\$2	000
		9 COST	ESTIMATE	S			;	,000
		9.0001	LOTINITI			UN	Т	COST
		ITEM		U/M	QUANTIT	Y COS	T	(\$000)
UPGRADE ASOS F.	ACILI	TIES		SM	1,022	,		1,554
ADD TO BUILDI	NG 1			SM	325	2,	153	( 700)
ALTER BUILDIN	IG I			SM	186		861 015	(160)
	M FOR	CE PROTECTION		SM	511		213	(0.000)
SDD&EPACT (39	%FOR	LEED CERT/ENERGY C	ONSERV)	LS	511		22	( 11) ( 45)
SUPPORTING FAC	ILITIE	ES	() ()	20				230
UTILITIES				LS				( 40)
PAVEMENTS				LS				( 45)
SITE IMPROVEN	1ENTS	5		LS				( 20)
COMMUNICATION EIDE DROTECTION	ONS S	UPPORT						(25)
SUBTOTAI	JNSC	FFORI		LS				$\frac{(-100)}{1.784}$
CONTINGENCY (5	%)							89
TOTAL CONTRAC	T COS	T						1,873
SUPERVISION, INS	SPECT	ION AND OVERHEAD (	(6%)					112
TOTAL REQUEST								1,985
TOTAL REQUEST (	(ROUI	NDED)						2,000
10 Description of	Propo	sed Construction: Build	ling Ungrad	les R	emove/rec	configure	nart	ition walls
New walls to be gyr	sum l	hoard on metal studs R	enlace inter	ior fin	ishes Un	orade HV		systems and
add DDC controls.	Expai	nd communications infra	astructure to	) meet	mission re	equireme	nts.	New
construction shall be	e conc	rete footing/foundation	with pre-en	gineer	ed metal f	frame stru	ıctur	e and
insulated metal wall	pane	ls. Metal building roof.	Interior an	d exter	ior lightir	ng to mee	t ope	erational
security needs and e	energy	conservation measures.			U	U		
Air Conditioning: 1	75 KV	V.						
11. REQUIREMEN	NT: 3	,498 SM ADEQUAT	E: 1,802 SI	M SU	JBSTANI	DARD: 1	,347	' SM
PROJECT: Upgrad	le AS	OS Facilities (New Miss	sion)					
REQUIREMENT:	Adeq	uate facilities are require	ed for com	nand, a	administra	ation, stor	age,	training,
mission planning, p	erson	al equipment storage and	d maintenai	nce in o	order to p	repare an	d exe	ecute the Air
Support Operations	Squa	dron mission. Sufficien	t command	and ac	lministrat	ion space	is re	equired to
support 72 tactical	air coi	ntrollers (TACP) and air	liaison offi	icers (A	ALO). Sp	ace is rec	Juire	d to store and
maintain individual	field	equipment for TACP an	id ALO per	sonnel	. Shop sp	ace 1s rec	luire	d to maintain
24 HMMW vehicles. Sufficient supply storage space is required to store, manage and issue individual								
equipment and mobility gear. I raining space is needed for personnel upgrade training. Briefing and								
Conference space is required for mass flight briefings and administration of unit. Sufficient physical								
fitness training area	is ne	cessary to maintain pers	onnel missi	on rea	diness	unit. Sui		in physical
CURRENT SITUA	CURRENT SITUATION: Building 1 was originally designed to accommodate other missions and is							
not conducive to the	e adm	inistration and training	required by	an AS	OS unit.	Secure ro	oms	rest rooms.
and administrative	and administrative areas are undersized for UTA personnel load, impacting daily and UTA							
effectiveness. The	HVA	C system is 15 years old	and require	es upda	ating for e	fficiencv	, bal	ance and
controls. The interi	ior con	mponents throughout the	e facility ar	e extre	mely wor	n and det	erior	ated. The
poor conditions adversely affects the training environment. The facility has only two showers which								

-							
1. COMPONENT			<b>T</b> •	2. DATE			
ANG	FY 2011 MILITARY CON	ter generated)	IA	February 2010			
3. INSTALLATION	AND LOCATION	ter generated)		1001dul y 2010			
STANLY COUNTY AIRPORT, NORTH CAROLINA							
5. PROJECT TITLE 7. PROJECT NUMBER							
UPGRADE ASOS FA	ACILITIES		W	EFM089029			
are not adequate to	support the physical training re-	equirements of this unit and	l severely	impacts the			
training schedule.	An addition will be added to m	eet the short fall currently e	experienc	ed by the 118th			
ASOS. The facility	has adequate area to meet the	remainder of the 118th req	uirement	s but the floor			
plan will need to be	altered to meet their functiona	l requirements. Additional	lly the wa	ill, floor and			
ceiling finishes hav	e deteriorated over time and ne	ed to be replaced. The lac	k of an ac	lequate fitness			
center is seriously i	mpacting the physical training	of all units at the GSU but	particula	riy that of the			
af avaraisa aquim	er ability to perform their mgr	hy-physical warume mission	of suffici	inity, a few pieces			
lack of adequate ve	int are located in the 118th was	tenouse (building 2). Lack	of sufficients	anovation will			
include a fitness are	a serving the whole site	stanuaru miness center. Fai					
IMPACT IF NOT I	PROVIDED: Wartime training	and mission planning for	ASOS co	ntinues to be			
impacted. Leaving	the ASOS in Bldg 1 without fu	inctionally changing the lay	vout will	not solve the			
space problem, and	continues readiness degradation	on, impacting long-term un	it readine	ss and personnel			
availability. Passin	g the opportunity to upgrade the	e facility between users (2)	35th ATC	CS and 118th			
ASOS) will require	additional logistics and costs i	n the long term. Examples	include f	further			
deterioration, requi	ring more costly work and tem	porary facilities to upgrade	an occup	bied facility.			
ADDITIONAL: T	his project meets the criteria/sc	ope specified in Air Nation	al Guard	Handbook 32-			
1084, "Facility Rec	juirements" and is in compliance	e with the base master plan	n. Antite	rrorism/Force			
Protection requirem	nents have been considered in t	he development of this proj	ject. This	s facility can be			
used by other comp	oonents on an "as available" ba	sis; however, the scope of t	he projec	t is based on Air			
National Guard req	uirements. Project will incorpo	orate Leadership in Energy	and Envi	ronmental Design			
(LEED) and sustain	hable development concepts, so	as to achieve optimum res	ource eff	iciency,			
constructability, su	stainability, and energy conserv	vation, while minimizing ac	lverse im	pacts to the built			
and natural environ	ments through all phases of its	life cycle. This may result	in prima	ry facility costs			
exceeding DoD cos	ting standards, but the initial ir	vestment in higher acquisi	tion cost	will be rewarded			
with lower life cycl	e costs. This is consistent with	the requirements of the Er	nergy Pol	icy Act of 2005			
(EPAct05), 10 USC	22805 (c), Executive Order 13	423, and other applicable la	ws and E	Executive Orders.			
An economic analysis is being prepared comparing the alternatives of new construction, revitalization,							
leasing and status quo operation. Based on initial engineering estimates, this alternative appears to							
have the highest net present value while requiring the least mission impact for the unit.							
	NG 1	325 SM - 3 500 SE					
CONSTRUCT VE	HICLE STORAGE SHED	525 SIVI - 5,500 SF 697 SM - 7 500 SF					
	HELL STOKAGE SHED	0775W = 7,5005V					

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DA	TA 2. DATE
ANG	(computer generated)	February 2010
3. INSTALLATION	AND LOCATION	
STANLY COUNTY	AIRPORT, NORTH CAROLINA	
5. PROJECT TITLE		7. PROJECT NUMBER
UPGRADE ASOS FA	ACILITIES	WEFM089029
12. SUPPLEMEN	TAL DATA:	
a. Estimated Desi	ign Data:	
<ul> <li>(1) Status:</li> <li>(a) Date I</li> <li>(b) Param</li> <li>(c) Percer</li> <li>* (d) Date 3</li> <li>(e) Date I</li> <li>(f) Type o</li> <li>(g) Energy</li> <li>(2) Basis: <ul> <li>(a) Standa</li> <li>(b) Where</li> </ul> </li> <li>(3) Total Cost <ul> <li>(a) Product</li> <li>(b) All Ot</li> <li>(c) Total</li> <li>(d) Contrat</li> <li>(e) In-Hot</li> </ul> </li> </ul>	Design Started tetric Cost Estimates used to develop costs at Complete as of Jan 2010 35% Designed Design Complete of Design Contract y Study/Life-Cycle analysis was/will be performed ard or Definitive Design - te Design Was Most Recently Used - (c) = (a) + (b) or $(d) + (e)$ : ction of Plans and Specifications ther Design Costs act use	OCT 2008 No 35% JAN 2010 SEP 2010 YES NO N/A (\$000) 120 60 180 180
(4) Contract A	ward (Month/Year)	FEB 2011
(5) Construction	on Start	MAR 2011
(6) Construction	on Completion	DEC 2011
* Indicates is compara	s completion of Project Definition with Parametric Cost Estimate able to traditional 35% design to ensure valid scope and cost and	which executability.
b. Equipment asso	ciated with this project will be provided from other appropriation	ns: N/A
POINT OF CONTA	ACT: Harry W. Washington (301) 836-8767	

1. COMPONENTFY 2011 MILITARY CONSTRUCTION PROJECT DATA2. DATE							
	(comp	uter generate	ed)			<b>F</b> .1	2010
ANU 2 INSTALLATION AND			4 1		τιτι ε	Fet	bruary 2010
5. INSTALLATION AND	LOCATION		4. 1	-KUJEC I	IIILE		
STATE COLLEGE ANG	STATION, PENNSYLVAN	IIA	ADD 7	ΓΟ AND A	LTER AG	OS FA	ACILITY
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	TIDD T NUN	MBER	8. PROJ	ECT	COST(\$000)
52276F	141-454	WF	GE0890	)76		\$4,	100
	9. COST	ESTIMATE	ES				
					UN	T	COST
	ITEM		U/M	QUANTIT	Y COS	ST	(\$000)
ADD TO AND ALTER A	OS FACILITY		SM	976	5		3,043
ADD TO AOS AREA			SM	790	3,	337	(2,636)
ALTER AOS AREA			SM	186	1,	615	( 300)
ANTITERRORISM/FC	RCE PROTECTION		SM	976	)	22	( 21)
SUDODTING FACILIT	K LEED CERT/ENERGY (	CONSERV)					( 86)
SUPPORTING FACILIT	IES						(215)
DAVEMENTS							(213)
SITE IMPROVEMEN'	75						(213)
COMMUNICATIONS	SUPPORT						(123)
SUBTOTAL	Serroixi		Lo				3.688
CONTINGENCY (5%)							184
TOTAL CONTRACT CO	ST						3,872
SUPERVISION, INSPEC	TION AND OVERHEAD	(6%)					232
TOTAL REQUEST							4,104
TOTAL REQUEST (ROU	JNDED)						4,100
10. Description of Prop	osed Construction: Cons	struct two si	tory ad	dition: rei	ntorced of	concr	ete
toundation and floor sla	b with steel framed masor	nsry walls a	ind roo	f structure	e. Interio	r wal	lls, utilities
and raised flooring syste	m. This facility requires	certificatio	n as a S	Sensitive (	Compartr	nente	ed
Information Facility (SC	IF) and must be construc	ted to accor	mmoda	te SCIF c	riteria. E	Buildi	ing exterior
to match existing archite	ctural style on the install	ation. Exte	rior wo	ork: utilitie	es, paven	nents.	, site
improments and commu	nications support.						
Air Conditioning: 350 K	W.						
11. REQUIREMENT:	2,926 SM ADEQUAT	E: 1,858 SI	M SU	JBSTANI	DARD: 1	186 S	M
<u>PROJECT</u> : Add to and	Alter AOS Facility (Curi	ent Mission	n).				
REQUIREMENT: The	station requires a proper	ly sized, ad	equate	ly configu	red facili	ty for	r the 112 Air
Operations Squadron (A	OS). The area is to be c	ompatible v	vith the	existing	facility.	Func	tional
elements include: comn	and support element, the	AOS, the A	Air Inte	ellignece S	Squadron	, the	Air
Communication Squadr	on and dedicated classifie	ed work spa	ace.				
CURRENT SITUATIO	<u>N</u> : The existing AOS fac	ility is und	ersized	l by 20% f	for the as	signe	d mission
and personnel. There is	insufficient work space	in the classi	fied w	ork area a	nd the co	nfere	ence and
training rooms. The ex	sting facility was funded	by the Arm	1y Nati	onal Guar	d (ARNO	G) in	FY07 based
on the mission, manning and space authorization at that time. In the early part of 2004, the Air Force,							
on behalf of the Air National Guard (ANG), initiated a land exchange with the Army on behalf of the							
ARNG. At that time, the unit manning and facility requirements were based on the existing unit							
mission of air traffic control squadron. The net result of the land exchange was that the ANG would							
transfer existing excess facility space to the ARNG, and the ARNG would finance the contruction of a							
new ANG facility based on the 2004 manning and space authorizations. The ARNG funded the project							
in 2007 and the constru	ction was completed in ea	arly 2009. S	Since 2	2004, when	n the land	d excl	hange was
inititated, the mission o	f the unit changed from A	ir Traffic C	Control	Squadron	to AOS	and t	he number of
personnel were increase	d from 110 to 135. This	has resulted	1 in a s	hortage of	f space to	be a	ddressed by
				-	-		-
1							

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT D	ATA	2. DATE					
	(computer generated)							
ANG			February 2010					
3. INSTALLATION	AND LOCATION							
STATE COLLEGE A	NG STATION, PENNSYLVANIA	1						
5. PROJECT TITLE		7. PROJI	ECT NUMBER					
ADD TO AND ALTE	R AOS FACILITY	W	FGE089076					
this project. It will	construct an addition to the existing facility and do some	e minor int	erior					
reconfiguration to n	nake the total facility functionally compatible and suffic	ent for mi	ssion capability.					
IMPACT IF NOT F	<b><u>PROVIDED</u></b> : The unit will be unable to reach full opera	ional capa	bility for the					
assigned mission. I	nadequate classified work space may result in a security	incidents.	Inadequate					
training rooms are l	naving a negative impact on the unit's training capability	. Storage	of classified					
equipment is advers	sely affecting unit capabilities.							
ADDITIONAL: The	his project meets the criteria/scope specified in Air Natio	nal Guard	Handbook					
32-1084, "Facility I	Requirements" and is in compliance with the base maste	r plan. An	titerrorism/Force					
Protection requirem	ents have been considered in the development of this pr	oject. Mis	sion					
requirements, opera	tional considerations and location are incompatible with	use by oth	ner components.					
Project will incorpo	rate Leadership in Energy and Environmental Design (I	EED) and	sustainable					
development conce	pts, so as to achieve optimum resource efficiency, constr	uctability,	sustainability,					
and energy conserv	ation, while minimizing adverse impacts to the built and	natural en	vironments					
through all phases of	of its life cycle. This may result in primary facility costs	exceeding	DoD costing					
standards, but the ir	nitial investment in higher acquisition cost will be reward	led with lo	ower life cycle					
costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC								
2805 (c), and Executive Order 13423. All known alternatives/options were considered during the								
development of this projec. No other option could meet the requirements; therefore, no economic								
alaysis was needed or performed.								
,	*							
ADD TO AOS AR	EA $790 \text{ SM} = 8,500 \text{ SF}$							

ADD TO AOS AREA ALTER AOS AREA 790 SM = 8,500 SF 186 SM = 2,000 SF

1. COMPONENTFY 2011 MILITARY CONSTRUCTION PROJECT DATA2. DATE				2. DATE
		(computer generated)		- : 2010
2 IN	ANG			February 2010
э. ш	STALLATION .	AND LOCATION		
STA	TE COLLEGE A	NG STATION, PENNSYLVANIA		
5. PR	OJECT TITLE		7. PROJE	ECT NUMBER
ADD	TO AND ALTE	ER AOS FACILITY	W	FGE089076
12.	SUPPLEMENT	AL DATA:		
a.	Estimated Desig	gn Data:		
	(1) Status:			
	(a) Date D	Design Started		JAN 2010
	(b) Parame	etric Cost Estimates used to develop costs		YES
	(c) Percent	t Complete as of Jan 2010		35%
	* (d) Date 35	5% Designed		JAN 2010
	(e) Date D	vesign Complete		JAN 2011
	(f) Type of	f Design Contract		
	(g) Energy	/ Study/Life-Cycle analysis was/will be performed		YES
	(2) Basis:			
	(a) Standa	rd or Definitive Design -		No
	(b) Where	Design Was Most Recently Used -		110
	(3) Total Cost (	(c) = (a) + (b)  or  (d) + (e):		(\$000)
	(a) Produc	tion of Plans and Specifications		246
	(b) All Oth	ner Design Costs		123
	(c) Total			369
	(d) Contra	ct		369
	(e) In-Hou	ise		
	(4) Contract Av	ward (Month/Year)		FEB 2011
	(5) Constructio	n Start		MAR 2011
	(6) Constructio	on Completion		MAR 2012
	* Indicates is compara	completion of Project Definition with Parametric Cost Estimate ble to traditional 35% design to ensure valid scope and cost and	which executabi	lity.
b. 1	Equipment assoc	iated with this project will be provided from other appropriation	18:	N/A
PO	INT OF CONTA	CT: Mark Mittle		
		(301) 836-8712		

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
(computer generated)					2010				
ANG 3 INSTALLATION AND LOCATION					February 2010				
3. INSTALLATION AND LOCATION				4. 1 TFI- R	ENOVATI	E INTEL S	SOU	ADRON	
NASHVILLE INTERNATIONAL AIRPORT, TENNESSEE				FACIL	FACILITIES				
5. PROGRAM ELEMENT   6. CATEGORY CODE   7. PROJEC					ABER	8. PROJ	ECT	COST(\$000)	
53117F		141-753	BK	TZ0690	078		\$5,	,500	
		9. COST	ESTIMAT	ES					
					0.111	UNI	Т	COST	
					QUANIII	Y COS	Т	(\$000)	
RELOCATE SOLL	ADRC	SQUADRON FACILITY		SM SM	4,023	1 1	18/1	4,523	
CONVERT SOUA	DRO	N OPS FOR INTEL OPER	ATIONS	SM	1.301	1,1	)23	(2,303)	
CONVERT SQUA	DRO	N OPS FOR ADMIN ANI	SUPPOR	S SM	557	1,0	700	( 390)	
ANTITERRORISM	A FOF	RCE PROTECTION		SM	4,023		22	( 89)	
SDD&EPACT (3%	FOR	LEED CERT/ENERGY C	ONSERV)	LS				( 150)	
SUPPORTING FACI	LITIE	ES						419	
UTILITIES								(55)	
SITE IMPROVEM	ENTS	2						(23)	
COMMUNICATIO	DN SU	, JPPORT		LS				(110)	
STANDBY POWE	ER			LS				( 86)	
AT/FP SITE IMPR	OVE	MENTS		LS				( 88)	
SECURITY MEAS	SURE	S		LS				$\frac{(30)}{1042}$	
SUBTOTAL CONTINCENCY (50								4,942	
CONTINGENCY (5%) TOTAL CONTRACT COST								<u> </u>	
SUPERVISION INSPECTION AND OVERHEAD (6%)							311		
TOTAL REQUEST							5,500		
10 D : .:	<u> </u>	10			. 1 .1	1		D '11'	
10. Description of F	Propo	sed Construction: Rend	vation of t	wo sep	arate build	ling inter	iors.	Building	
747, Squadron Opera		s, requires interior space	s to be reco	ningur rk inch	idas racon	figuration	seci	interior	
walls drop ceilings	HVΔ	C fire sprinklers electr	ical and co	mmuni	ications de	nguration	h cu	pport of an	
open plan furniture a	walls, drop ceilings, HVAC, fire sprinklers, electrical and con				finishes	Support	area	s to be	
configured for basic	admi	nistrative functions Ot	her enhanc	ements	include se	ecurity al	arms	specialty	
communication supp	ort. c	ode compliance improv	ements, an	d emer	gency bac	kup powe	er. I	n building	
721: renovations inc	clude	the reconfiguration and	reconstruc	tion of	interior sp	aces to a	ccon	nmodate	
Squadron Operations functional areas displaced by Intelligence Training functions moving into									
building 747. This includes primary and secondary electrical systems and lighting, plumbing,						ng,			
communications, fire detection, and HVAC systems. Washrow					novations	will requ	ire r	reworking	
the building plumbing systems. Some features of the building envelope will be improved such as					such as				
windows, window frames, and roof repairs. Exterior work includes: AT/FP site improvements, and						nents, and			
miscellaneous utility support to meet the codes.									
Air Conditioning: 350 KW.									
11. KEQUIKEMEN1: 4,023 SM ADEQUATE: 0 SM SUBSTANDARD: 4,023 SM									
<b>PROJECT</b> : IFI-Kenovate Intelligence Squadron Facility (New Mission) <b>REOLUREMENT:</b> The 118th AW requires properly sized and configured and					000 to ==	nd	t Trainin -		
<u>KEQUIKEMENT</u> : and Intelligence Or	ine l	nour Aw requires prope	any sized a	nu con	Ingured sp	ace to co	nauc Info	rmotion	
Functions (SCIE) or	ciallo	uls. Functional areas ind	vith brief	cially C	ns and off	ices The	11110 A Inte	alligence	
Squadron provides (	Comb	at Air Forces tailored in	mui uiitii nagery and	taroet	intelligen	re Thier	nit v	will he a	
reach-back capabilit	ty for	the deployed Air Opera	tions Cent	er and r	neet other	training	reau	irements.	

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DA	2. DATE						
	(computer generated)							
ANG		February 2010						
3. INSTALLATION AND LOCATION								
NASHVILLE INTERNATIONAL AIRPORT, TENNESSEE								
5. PROJECT TITLE7. PROJECT NUMBER								
TFI- RENOVATE INTEL SQUADRON FACILITIES BKTZ069078								
CURRENT SITUA	TION: The 118th AW is converting to a C-130 Formal T	'raining U	nit (FTU) and					
Foreign Military Tr	aining (FMT). Originally planned for demolition, buildir	ıg 721 is b	eing retained in					
the inventory and is	s being used as the instructional space for the FTU; co-loc	ating the (	C-130 squadron					
operations areas wi	th the C-130 FTU makes operational sense. The FTU wil	l only utili	ize about 60% of					
the Hangar's 60,00	0 SF. This proposal makes use of the space by relocating	the curren	nt C-130					
squadron operation	s area to building 721; resulting in operational efficiencies	s for the fl	ying mission,					
and in a single loca	tion for flying instruction operations. This opens building	g 747, the	existing					
squadron operation	s area, for use by the Intel Squadron; for which it is ideall	y configur	ed because of its					
location and building	ng layout. By having a separate building for the Intel squa	idron, the	security is					
enhanced. The C-1	30 FTU and FMT will train foreign aircrews; therefore it	should not	t be collocated					
within the same bui	ilding as the Intel mission.							
IMPACT IF NOT I	<u>PROVIDED</u> : The Intel Squadron cannot become operation	nal. High	cost in					
communications re-	quirements and special infrastructure make it prudent to in	istall this i	unit in a properly					
located and properl	y configured facility. In addition, operational improveme	nts provid	led by moving					
Squadron Operation	ns to building 721 will be negated.							
ADDITIONAL: T	his project meets the criteria/scope specified in Air Natior	al Guard	Handbook					
32-1084, "Facility J	Requirements" and is in compliance with the base master	plan. Ant	iterrorism/Force					
Protection requirem	nents have been considered in the development of this pro	ject. Miss	sion					
requirements, opera	requirements, operational considerations and location are incompatible with use by other components.							
An economic analy	An economic analysis is being prepared comparing the alternatives of new construction, revitalization,							
leasing and status quo operation. Based on the net present values and benefits of the respective								
alternatives, revova	tion is expected to be the most cost efficient over the life	of the proj	ject. Project will					
incorporate Leaders	incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development							
concepts, so as to a	chieve optimum resource efficiency, constructability, sust	ainability,	, and energy					
conservation, while	conservation, while minimizing adverse impacts to the built and natural environments through all							
phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but								
the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is								
consistent with the requirements of the Energy Policy Act of 2005 (EPActo5), 10 USC 2805 (C), Executive Order 13423, and other applicable laws and Executive Orders								
Executive Order 15425, and other applicable laws and Executive Orders.								
RELOCATE SOI	TADRON OPS AREA 2.16	5  SM - 27	3 300 SE					
CONVERT SOL	ADRON OPS FOR INTEL OPERATIONS 1 30	3  SM = 23 1  SM = 14	4 000 SF					
CONVERT SQU	ADRON OPS FOR ADMIN AND SUPPORT 54	57  SM = 6	000 SF					
			,000 51					

1. COMPONENT         FY 2011 MILITARY CONSTRUCTION PROJECT DATA				2. DATE					
(computer generated)									
2 IN	ANG			Februaray 2010					
э. п.	5. INSTALLATION AND LOCATION								
NAS	NASHVILLE INTERNATIONAL AIRPORT, TENNESSEE								
5. PR	5. PROJECT TITLE 7. PROJECT NUMBER								
TFI-	RENOVATE IN	TEL SQUADRON FACILITIES	B	KTZ069078					
12.	SUPPLEMENT	'AL DATA:							
a.	Estimated Desig	gn Data:							
	(1) Status:								
	(a) Date D	Design Started		JUL 2008					
	(b) Parame	etric Cost Estimates used to develop costs		NO					
	(c) Percent	t Complete as of Jan 2010		35%					
	* (d) Date 35	5% Designed		MAR 2009					
	(e) Date D	esign Complete		SEP 2010					
	(f) Type of	f Design Contract							
	(g) Energy	Study/Life-Cycle analysis was/will be performed		YES					
	(2) Basis:								
	(a) Standa	rd or Definitive Design -		NO					
	(b) Where	Design Was Most Recently Used -		N/A					
	(-)								
	(3) Total Cost (	(c) = (a) + (b)  or  (d) + (e):		(\$000)					
	(a) Produc	tion of Plans and Specifications		330					
	(b) All Oth	er Design Costs		165					
	(c) Total			495					
	(d) Contra	ct		495					
	(e) In-Hou	se							
	(4) Contract Av	ward (Month/Year)		FEB 2011					
	(5) Construction	C44		NAN 2011					
	(5) Constructio	n Start		MAK 2011					
	(6) Constructio	n Completion		MAR 2012					
	* Indicates is compara <sup>1</sup>	completion of Project Definition with Parametric Cost Estimate ble to traditional 35% design to ensure valid scope and cost and	which executabi	lity.					
b.	Equipment assoc	iated with this project will be provided from other appropriation	IS:	N/A					
PO	DINT OF CONTA	CT: Harry W. Washington							
10		(301) 836-8767							

## DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2011

# APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313: PLANNING AND DESIGN \$9,214,000

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	ENT FY 2011 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
(computer generated)					oruary 2010				
3. INSTALLATION AND LOCATION				4. PROJECT TITLE					
VARIOUS LOCATIONS					PLANNING AND DESIGN				
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJEC					CT NUMBER 8. PROJECT COST(\$000)				
52276F 9999-999 AAAA					AA110001			\$9,214	
9. COST ESTIMATES									
ITEM					OUANTIT		TIV T20	COST (\$000)	
ITEM PLANNING AND DESIGN (P-313) SUBTOTAL TOTAL CONTRACT COST TOTAL REQUEST					QUANIII		<u>JS1</u>	9,214 9,214 9,214 9,214 9,214	
<ul> <li>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.</li> <li>11. REQUIREMENT: As Required PROJECT: Planning and Design REQUIREMENT: The ANG needs planning and design funds for projects that are to be included in future MILCON programs. The FY 2011 design funds are needed to complete the design for those projects to be included in the FY 2012 program. Funds also provide for design of the FY 2011 unspecified minor construction program.</li> <li>CURRENT SITUATION: The ANG requires the design money in FY 2011 to ensure the design milestones for the FY 2011 and FY 2012 MILCON Programs, as mandated by Department of Defense (DOD) Instruction 1225.8, are met.</li> <li>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 rates, and degrade the operational mission and training by the delays in construction completion.</li> </ul>									

#### DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2011

# APPROPRIATION:MILITARY CONSTRUCTION -- AIR NATIONAL GUARDPROGRAM 341:UNSPECIFIED MINOR CONSTRUCTION\$8,000,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for new construction and alteration projects having cost estimates over \$750,000 but not exceeding \$2,000,000, which are not otherwise authorized by law.

### PART II -- JUSTIFICATION OF FUNDS REQUESTED

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

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA       2. DATE								
(computer generated)						2010			
ANG 3. INSTALLATION AND LOCATION				4. PROJECT TITLE					
VARIOUS LOCATIONS					UNSPECIFIED MINOR CONSTRUCTION				
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJEC					CT NUMBER 8. PROJECT COST(\$000)				
52276F	52276F 999-999 AA					AA110002 \$8,000			
	ES								
ITEM					OUANTIT	UNI Y COS	T T	COST (\$000)	
UNSPECIFIED MINO SUBTOTAL TOTAL CONTRACT O TOTAL REQUEST	LS			1	8,000 8,000 8,000 8,000				
<ul> <li>10. Description of Proposed Construction: Provides funding for unspecified minor construction projects not otherwise authorized by law and having a funded cost between \$750,000 and \$2,000,000. Projects include construction, alteration, or conversion of permanent or temporary facilities. The Secretary of the Air Force has the authority to approve projects of this nature under the provisions of 10 U. S. Code, 18233a and 10 U. S. Code, 2805(c).</li> <li>11. REQUIREMENT: As Required</li> </ul>									
11. REQUIREMENT: As Required <u>PROJECT</u> : Unspecified Minor Construction Program <u>REQUIREMENT</u> : This program provides the means of accomplishing urgent, unforeseen projects costing over \$750,000, but not exceeding \$2,000,000. The project requirements are anticipated to arise during late FY 2010 or FY 2011, 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 2011 MILCON program and the projects cannot wait for the FY 2012 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 2011

**SECTION III** 

**INSTALLATION DATA**
1. COMPONE ANG	ENT	FY 2011 GUA MILITARY	ARD AND RESER' CONSTRUCTION	VE N		2. DATE February 2	010
3. INSTALLA	TION	AND LOCATION				4. AREA C	ONSTR
MONTGOME 5. FREQUEN Twelve monthl	ERY R CY A ly ass	EGIONAL AIRPORT (ANG) B ND TYPE OF UTILIZATION emblies per year, 15 days annual	ASE, MONTGOM	IERY, ear, dai	ALABAMA ily use by techr	.81	force for
training.							
6. OTHER AC One Active AF Guard Units - 2	CTIVI FB - 5 2-12 r	E/GUARD/RESERVE INSTAL miles, one Marine Reserve - 12 niles and two Air National Guar	LATIONS WITHIN miles, three Army I d Units - 5 miles.	I 15 MI Reserve	LES RADIUS es - 10 - 15 mile	es, five Arm	y National
7. PROJECTS	S REQ	UESTED IN THIS PROGRAM	: FY 2011		COST	DESIGN	
<u>CODE</u>		PROJECT TITLE	<u>SCOPE</u>		<u>\$(000)</u>	<u>DESIGN</u> <u>START</u>	<u>CMPL</u>
211-179 F	Fuel C Han	ell and Corrosion Control gar	1,821 SM (19,6	600 SF)	7,800	Mar 06	May 10
8. STATE RE Facilities ident use/expansion.	ESERV tified i . The	/E FORCES FACILITIES BOA in item 6 have been examined by Board recommendations are: U	RD RECOMMENE the State Reserve I nilateral Constructio	DATIO Forces	N Facilities Board roved 1(	d for possibl ) Jun 09 (Date)	e joint
9. LAND ACC	QUIS	ITION REQUIRED			(Num	None ber of Acre	- s)
10. PROJECT CATEGORY <u>CODE</u>	TS PL	ANNED IN NEXT FOUR YEAI <u>PROJECT TITLE</u>	RS		<u>SCOF</u>	<u>ν</u> Ε	COST <u>\$(000)</u>
141-753	TFI -	- Replace Squadron Operations F	Facility		2,769 SM (2	29,800 SF)	7,500
	R&N	1 Unfunded Requirement: \$5,31	0,000				
DD FORM 1390	0s, 1 I	DEC 76 Previous ec	litions may be used.		Pa	age No. III-1	

ANG         TERM (ART CONSTRUCTION         TERM (P)           MONTGOMERY REGIONAL AIRPORT (ANG) BASE, MONTGOMERY, ALABAMA         II. PERSONNEL STRENGTH AS OF 01 Jun 09         TOTAL OFFICER ENLISTED CIVILIAN         TOTAL OFFICER ENLISTED CIVILIAN         TOTAL OFFICER ENLISTED           AUTHORIZED         291         355         256         0         979         103         876           12. RESERVE UNIT DATA         STRENGTH         AUTHORIZED         ACTUAL         292         32         260         979         103         876           12. RESERVE UNIT DATA         STRENGTH         AUTHORIZED         ACTUAL         777         721           187 Aircraft Maintenance Squadron         161         172         726         73           187 Aircraft Maintenance Squadron         93         85         74         70           187 Maintenance Group         9         17         726         74         70           187 Maintenance Group         9         17         74         70         72           187 Maintenance Group         9         17         72         74         74         75           187 Student Flight         7         26         187         187         187         187         187         187	1. COMPONENT		FY 20	11 GUAR	D AND RESE	RVE		2. DATI	E
MONTGOMERY REGIONAL ARPORT (ANG) BASE, MONTGOMERY, ALABAMA       11. PERSONNEL STREPORTH AS OP 01 Jun 09       TOTAL OFFICER ENISTED CIVILIAN AUTHORIZED 292 32 260 0 979 103 876       AUTHORIZED 292 32 260 0 979 103 876       I2. RESERVE UNIT DATA       STRENGTH 187 Aircraft Maintenance Squadron     STRENGTH 187 Aircraft Maintenance Squadron       187 Fighter Wing     40     53       187 Communication Flight     7     26       187 Maintenance Operations Flight     7     26       187 Naintenance Operations Flight     7     26       187 Maintenance Operations Flight     7     26       187 Maintenance Operations Flight     20     20       187 Nuelical Squadron     45     45       187 Nuelical Squadron     140     152       187 Nuelical Squadron     21     19       187 Operations Support Flight     22     19       187 Operations Support Flight     24     23       187 Operations Support Flight     24     23       187 Operations Support Flight<	3 INSTALLATION	JANDLO	CATION	IIAKI C	UNSTRUCTION	JN		reditial	/ 2010
11. PERSONNEL STRENGTH AS OF 01 Jun 09         TOTAL OFFICER ENLISTED CIVILIAN TOTAL OFFICER ENLISTED AUTHORIZED 291 35 256 0 9799 103 876         AUTHORIZED 292 32 260 0 9799 103 876         STRENGTH 292 32 260 0 9799 103 876         INTERNATION 2028 101 7227         ACTUAL 292 32 260 0 9799 103 876         INTERNATION 2028 101 722         STRENGTH         UNIT DESIGNATION AUTHORIZED ACTUAL         INTERNATION AUTHORIZED ACTUAL         187 Autraft Maintenance Squadron 93 85         187 Communication Flight       34 30         187 Fighter Wing       40 53         187 Togstics Readiness Squadron 77 92         187 Maintenance Operations Flight       7 26         187 Maintenance Orop       9 17         188 Medical Squadron       440         187 Mission Support Flight       20 20         187 Maintenance Orop       8 9         187 Mission Support Flight       22 119         187 Services Squadron       74 67         187 Mission Support Flight       24 23         187 Operations Support Flight       24 23         187 Operations Support Flight       24 23         187 Operations Support Flight       20         187 Operat	MONTGOMERY R	EGIONA	L AIRPORT (A	NG) BAS	SE, MONTGO	MERY, AI	LABAMA	L	
TOTAL AUTHORIZED ACTUAL         TOTAL 292         OFFICER 35         EXISTED 256         CIVILIAN 0         TOTAL 328         OFFICER 8218         ENLISTED 727           12. RESERVE UNIT DATA         STRENGTH         STRENGTH         103         876           12. RESERVE UNIT DATA         STRENGTH         AUTHORIZED 178 Civil Engineering Squadron         101         172           187 Aircraft Maintenance Squadron         161         172         174         0         175           187 Consumication Flight         34         30         187         187         26         187           187 Maintenance Group         9         17         17         26         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187 <td>11. PERSONNEL S</td> <td>TRENGT</td> <td>Ή AS OF 01 Jι</td> <td>ın 09</td> <td></td> <td></td> <td></td> <td></td> <td></td>	11. PERSONNEL S	TRENGT	Ή AS OF 01 Jι	ın 09					
TOTAL OFFICER ENLISTED CIVILIANTOTAL OFFICER ENLISTED AUTHORIZED 291TOTAL OFFICER ENLISTED AUTHORIZED 292TOTAL OFFICER ENLISTED ALTORAUTHORIZED 29222260OFFICER ENLISTED 200AUTHORIZED 292STRENGTH AUTHORIZED ACTUAL12. RESERVE UNIT DATASTRENGTH UNIT DESIGNATIONAUTHORIZED AUTHORIZEDACTUAL 187 Aircraft Maintenance Guadron161AUTHORIZED 187 Maintenance Group187 Maintenance Group917RESERVE UNIT DATASTRENGTH AUTHORIZEDAUTHORIZED AUTHORIZEDAUTHORIZED AUTHORIZEDACTUALAUTHORIZED AUTHORIZEDAUTHORIZED AUTHORIZEDAUTHORIZED AUTHORIZEDAUTHORIZED 187 Maintenance Group187 Maintenance Group 187 Mission Support Flight2219AUTHORIZED 187 Mission Support Flight2219AUTHORIZED 187 Operations Support Flight2219187 Maintenance Group 187 Operations Support Flight2219187 Maintenance Group 18			PERMA	NENT			GUA	2D/RESERV	F
AUTHORIZED         291         35         256         0         828         101         727           ACTUAL         292         32         260         0         979         103         876           12. RESERVE UNIT DATA         STRENGTH           UNIT DESIGNATION         STRENGTH           137 Aircraft Maintenance Squadron         93         85           187 Communication Fight         34         30           187 Eghter Wing         40         53           187 Logistics Readiness Squadron         77         92           187 Maintenance Operations Flight         7         26           187 Maintenance Group         9         17           187 Maintenance Group         9         17           187 Maintenance Group         20         20           187 Mission Support Flight         20         20           187 Student Flight         22         119           187 Scudent Flight         22         19           187 Operations Support Flight         24         23           187 Operations Support Flight         24         23           187 Operations Support Flight         24         23           187 Operations Group </td <td>- -</td> <td>TOTAL</td> <td>OFFICER EN</td> <td>LISTED</td> <td>CIVILIAN</td> <td>TO</td> <td>TAL OF</td> <td>FFICER EN</td> <td>LISTED</td>	- -	TOTAL	OFFICER EN	LISTED	CIVILIAN	TO	TAL OF	FFICER EN	LISTED
ACTUAL         292         32         260         0         979         103         876           12. RESERVE UNIT DATA         STRENGTH         AUTHORIZED         ACTUAL         172           187 Advirath Maintenance Squadron         161         172         178         171         173         173         171         173         173         173         174         174         171         173         173         174         174         173         174         174         173         174         174         173         174         174         174         174         174         174         174         174         175         174         174         174         175         175         175         175         175         175         175         175         175         175         175         175         175         175         175         175         175         175         175         175         175         175         175         175         175         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         187         191	AUTHORIZED	291	35	256	0		828	101	727
STRENGTH         UNIT DESIGNATION       STRENGTH         UNIT DESIGNATION       ACTUAL         187 Aircraft Maintenance Squadron       161       172         178 CVII Engineering Squadron       34       30         187 Eighter Wing       40       53         187 Communication Flight       37       22         187 Maintenance Oroup       9       17         187 Maintenance Group       9       17         187 Maintenance Group       9       17         187 Maintenance Group       9       17         187 Mission Support Flight       20       20         187 Mission Support Flight       22       119         187 Stories Squadron       44       67         187 Mission Support Group       8       9         187 Stories Squadron       22       19         187 Operations Group       9       10         100 Fighter Squadron	ACTUAL	292	32	260	0		979	103	876
STRENGTH         VINT DATA         STRENGTH         UNIT DESIGNATION       AUTHORIZED       ACTUAL         187 Aircraft Maintenance Squadron       93       85         187 Communication Flight       34       30         187 Eghter Wing       40       53         187 Logistics Readiness Squadron       7       92         187 Maintenance Operations Flight       7       26         187 Maintenance Group       9       17         187 Maintenance Coroup       9       17         187 Maintenance Group       45       45         187 Mission Support Flight       20       20         187 Student Flight       22       119         187 Student Flight       22       119         187 Student Flight       22       19         187 Operations Support Flight       24       23         187 Operations Group       9       10         100 Fighter Squadron <u>43</u> <u>40</u> 100 Fighter Squadron <u>43</u> <u>77</u> 13. MAJOR EQUIPMENT AND AIRCRAFT       18       20         Vehicle       78       77         187 Operations Support									
STRENGTH           UNT DESIGNATION         AUTHORIZED         AUTUAL           187 Aircraft Maintenance Squadron         93         85           187 Communication Flight         34         30           187 Fighter Wing         40         53           187 Logistics Readiness Squadron         77         92           187 Maintenance Operations Flight         7         26           187 Maintenance Group         9         17           187 Maintenance Group         8         9           187 Mission Support Flight         22         19           187 Services Squadron         22         19           187 Services Squadron         24         23           187 Operations Support Flight         24         23           187 Operations Support Flight         18         20           187 Aircraft         18         20           Support Equipponet	12. RESERVE UNI	I DAIA							
UNIT DESIGNATION         AUTHORIZED         ACTUAL           187 Ancraft Maintenance Squadron         161         172           178 Civil Engineering Squadron         93         85           187 Communication Flight         34         30           187 Teghter Wing         40         53           187 Logistics Readiness Squadron         77         92           187 Maintenance Operations Flight         7         26           187 Maintenance Group         9         17           187 Medical Squadron         45         45           187 Mission Support Flight         20         20           187 Mission Support Group         8         9           187 Student Flight         22         19           187 Operations Support Group         9         10           100 Fighter Squadron         22         19           187 Operations Support Flight         24         23           187 Operations Group         9         10           100 Fighter Squadron         210         19           100 Fighter Squadron         22         19           187 Operations Group         9         10           100 Fighter Squadron         23         40           100 F							STR	ENGTH	
187 Aircraft Maintenance Squadron       161       172         178 Civil Engineering Squadron       93       85         187 Communication Flight       34       30         187 Fighter Wing       40       53         187 Logistics Readiness Squadron       77       92         187 Maintenance Operations Flight       7       26         187 Maintenance Group       9       17         187 Medical Squadron       45       45         187 Mission Support Flight       20       20         187 Mission Support Flight       22       119         187 Security Forces Squadron       74       67         187 Mission Support Group       8       9         187 Student Flight       22       119         187 Security Forces Squadron       22       19         187 Student Flight       22       19         187 Operations Support Flight       24       23         187 Operations Group       9       10         100 Fighter Squadron       _43       40         TOTALS       828         979       Yehicle       77         F-16 Aircraft       18       20         Support Equipment       210       199	<u>UNIT DES</u>	IGNATIO	N			AUTHO	RIZED	ACTU	AL
1/8 Uvi Engineering Squadron       9.3       85         187 Eigher Wing       34       30         187 Eigher Wing       40       53         187 Logistics Readiness Squadron       77       92         187 Maintenance Operations Flight       7       26         187 Maintenance Operations Flight       7       26         187 Maintenance Operations Flight       20       20         187 Maintenance Operations Support Flight       20       20         187 Mission Support Flight       20       20         187 Necical Squadron       140       152         187 Mission Support Flight       22       119         187 Security Forces Squadron       74       67         187 Mission Support Group       8       9         187 Student Flight       22       119         187 Services Squadron       22       19         187 Operations Support Group       9       10         100 Fighter Squadron       _43       _40         100 Fighter Squadron       _43       20         Support Equipment       210       199         Vehicle       78       77         F-16 Aircraft       18       20         Support Equipment <td>187 Aircraf</td> <td>t Mainten</td> <td>ance Squadron</td> <td></td> <td></td> <td>16</td> <td>1</td> <td>172</td> <td></td>	187 Aircraf	t Mainten	ance Squadron			16	1	172	
187 Fighter Wing       40       53         187 Logistics Readiness Squadron       77       92         187 Maintenance Operations Flight       7       26         187 Maintenance Group       9       17         187 Medical Squadron       45       45         187 Medical Squadron       45       45         187 Medical Squadron       140       152         187 Security Forces Squadron       74       67         187 Student Flight       20       20         187 Student Flight       22       119         187 Services Squadron       24       23         187 Operations Support Group       8       9         187 Operations Support Flight       24       23         187 Operations Support Flight       24       23         187 Operations Support Flight       24       23         187 Operations Group       9       10         100 Fighter Squadron      3      3         100 Fighter Squadron      3      3         13. MAJOR EQUIPMENT AND AIRCRAFT      3      3         Vehicle       78       77       F-16 Aircraft       18       20         Support Equipment       210	1 /8 Civil E 187 Comm	ngineering	g Squadron			9	3 4	85 30	
187 Legistics Readiness Squadron       77       92         187 Maintenance Operations Flight       7       26         187 Maintenance Group       9       17         187 Medical Squadron       45       45         187 Mistonance Group       9       17         187 Medical Squadron       440       152         187 Miston Support Flight       20       20         187 Miston Support Flight       22       119         187 Security Forces Squadron       74       67         187 Mistion Support Flight       22       19         187 Operations Support Flight       24       23         187 Operations Group       9       10         100 Fighter Squadron	187 Comm 187 Fighter	· Wing	ingiti			4	-0	53	
187 Maintenance Operations Flight       7       26         187 Maintenance Group       9       17         187 Medical Squadron       45       45         187 Mission Support Flight       20       20         187 Arcraft Generation Squadron       140       152         187 Security Forces Squadron       74       67         187 Mission Support Flight       22       119         187 Student Flight       22       19         187 Operations Support Flight       24       23         187 Operations Group       9       10         100 Fighter Squadron       _43       _40         TOTALS       828         Protect Squadron         TOTALS       ASSIGNED         Vehicle TYPE       AUTHORIZED       ASSIGNED         TOTALS       828       979         13. MAJOR EQUIPMENT AND AIRCRAFT         Vehicle TYPE       AUTHORIZED       ASSIGNED         Vehicle TYPE       AUTHORIZED       ASSIGNED         Vehicle Equivalents       230       220         14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011       CATEGORY       CST       DESIGN STATUS<	187 Logisti	cs Readin	ess Squadron			7	7	92	
187 Maintenance Group       9       17         187 Medical Squadron       45       45         187 Mission Support Flight       20       20         187 Security Forces Squadron       74       67         187 Security Forces Squadron       74       67         187 Security Forces Squadron       74       67         187 Student Flight       22       119         187 Services Squadron       22       19         187 Operations Support Flight       24       23         187 Operations Support Flight       24       23         187 Operations Group       9       10         100 Fighter Squadron	187 Mainte	nance Ope	erations Flight				7	26	
187 Medical Squadron       45       45         187 Mission Support Flight       20       20         187 Aircraft Generation Squadron       140       152         187 Security Forces Squadron       74       67         187 Mission Support Flight       22       119         187 Student Flight       22       19         187 Operations Support Flight       24       23         187 Operations Group       9       10         100 Fighter Squadron      43      40         TOTALS       828       979         13. MAJOR EQUIPMENT AND AIRCRAFT	187 Mainte	nance Gro	oup				9	17	
167 Mission Support Flight       20       20         187 Security Forces Squadron       74       67         187 Mission Support Group       8       9         187 Student Flight       22       119         187 Security Forces Squadron       22       19         187 Student Flight       22       19         187 Operations Support Flight       24       23         187 Operations Group       9       10         100 Fighter Squadron       43       40         TOTALS         828       979	187 Medica	al Squadro	n Eliabt			4	5	45	
101 Information optimized     101       187 Security Forces Squadron     74       187 Mission Support Group     8       187 Student Flight     22       187 Operations Support Flight     22       187 Operations Support Flight     24       23     187 Operations Group       9     10       100 Fighter Squadron     _22       110 OF Fighter Squadron     _43	187 Aircraf	n Support It Generati	on Squadron			14	.0	152	
187 Mission Support Group     8     9       187 Student Flight     22     119       187 Operations Support Flight     24     23       187 Operations Group     9     10       100 Fighter Squadron    43    40       TOTALS       828     979	187 Securit	y Forces S	Squadron			7	4	67	
187 Student Flight       22       119         187 Services Squadron       22       19         187 Operations Group       9       10         100 Fighter Squadron      43      40         TOTALS       828         TOTALS       828         TOTALS         AUTHORIZED ASSIGNED         Vehicle       78       77         F-16 Aircraft       18       20         Support Equipment       210       199         Vehicle Equivalents       230       220         I4 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011         CATEGORY       CST       DESIGN STATUS         CODE       PROJECT TITLE       SCOPE       \$(000)       START_CMPL         NONE       DESIGN 24000000000000000000000000000000000000	187 Missio	n Support	Group				8	9	
187 Services Squadron     22     19       187 Operations Support Flight     24     23       187 Operations Group     9     10       100 Fighter Squadron    43    40       TOTALS       828       979	187 Studen	t Flight				2	2	119	
137 Operations Stoppor Fright       24       23         187 Operations Group       9       10         100 Fighter Squadron      43      40         TOTALS       828       979         13. MAJOR EQUIPMENT AND AIRCRAFT	187 Service	es Squadro	n art Eliabt			2	2	19	
100 Fighter Squadron      43      40         100 Fighter Squadron       TOTALS       828       979         13. MAJOR EQUIPMENT AND AIRCRAFT         14. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011         CATEGORY       CST       DESIGN STATUS         CODE       PROJECT TITLE       SCOPE       \$(000)         SUBJECT TITLE       SCOPE       \$(000)       START         NONE       Desc No. 111.2	187 Operat	ions Suppo	ort Flight			2	4 0	23 10	
TOTALS     TOTALS     TOTALS       13. MAJOR EQUIPMENT AND AIRCRAFT       13. MAJOR EQUIPMENT AND AIRCRAFT       Vehicle     AUTHORIZED       78     77       F-16 Aircraft     18       210     199       Vehicle Equivalents     230       220     230       14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011       CATEGORY     CST       CODE     PROJECT TITLE       SCOPE     \$(000)       START     CMPL	100 Fighter	Squadron	<u>,</u>			4	3	40	
13. MAJOR EQUIPMENT AND AIRCRAFT <u>TYPE</u> <u>AUTHORIZED</u> ASSIGNED         Vehicle       78       77         F-16 Aircraft       18       20         Support Equipment       210       199         Vehicle Equivalents       230       220         14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011       CATEGORY       CST <u>DESIGN STATUS</u> CODE       PROJECT TITLE       SCOPE       \$(000)       START       CMPL         NONE       DEFORM 1200: 1 DEC 76       Province editions may be used       Data No. 1112	0	. 1		TOTALS	5	82	.8	979	
13. MAJOR EQUIPMENT AND AIRCRAFT         TYPE       AUTHORIZED       ASSIGNED         Vehicle       78       77         F-16 Aircraft       18       20         Support Equipment       210       199         Vehicle Equivalents       230       220         14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011       CATEGORY       CST       DESIGN STATUS         CODE       PROJECT TITLE       SCOPE       \$(000)       START       CMPL         NONE       DEORM 1300s       DEC 76       Province additions mere to used       Page No. 11.2									
TYPE       AUTHORIZED       ASSIGNED         Vehicle       78       77         F-16 Aircraft       18       20         Support Equipment       210       199         Vehicle Equivalents       230       220         14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011       CATEGORY       CST       DESIGN STATUS         CODE       PROJECT TITLE       SCOPE       \$(000)       START       CMPL         NONE       DESIGN 1000 LDEC 76       Descince aditions mer to used       Data No. 11.2									
TYPE       AUTHORIZED       ASSIGNED         Vehicle       78       77         F-16 Aircraft       18       20         Support Equipment       210       199         Vehicle Equivalents       230       220         14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011       CATEGORY       CST       DESIGN STATUS         CODE       PROJECT TITLE       SCOPE       \$(000)       START       CMPL         NONE       DESIGN 1 DEC 76       Province aditions mer: be used       Page No. 111.2									
I3. MAJOR EQUIPMENT AND AIRCRAFT         Image: Type       AUTHORIZED       ASSIGNED         Vehicle       78       77         F-16 Aircraft       18       20         Support Equipment       210       199         Vehicle Equivalents       230       220         14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011       CATEGORY       CST       DESIGN STATUS         CODE       PROJECT TITLE       SCOPE       \$(000)       START       CMPL         NONE       DEOPM 1300s 1 DEC 76       Provious aditions mere be used       Proce No. 111.2									
I3. MAJOR EQUIPMENT AND AIRCRAFT <u>TYPE</u> <u>AUTHORIZED</u> <u>ASSIGNED</u> Vehicle       78       77         F-16 Aircraft       18       20         Support Equipment       210       199         Vehicle Equivalents       230       220         14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011       CATEGORY       CST <u>DESIGN STATUS</u> CODE       PROJECT TITLE       SCOPE       \$(000)       START       CMPL         NONE       DEORM 12005       LDEC 76       Province editions may be used       Pages No. 111.2									
13. MAJOR EQUIPMENT AND AIRCRAFT <u>TYPE</u> <u>AUTHORIZED</u> ASSIGNED         Vehicle       78       77         F-16 Aircraft       18       20         Support Equipment       210       199         Vehicle Equivalents       230       220         14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011       CATEGORY       CST       DESIGN STATUS         CODE       PROJECT TITLE       SCOPE       \$(000)       START       CMPL         NONE       DEORM 1300s       1 DEC 76       Pravious aditions may be used       Page No. 111.2									
TYPE       AUTHORIZED       ASSIGNED         Vehicle       78       77         F-16 Aircraft       18       20         Support Equipment       210       199         Vehicle Equivalents       230       220         14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011       CATEGORY       CST         CODE       PROJECT TITLE       SCOPE       \$(000)         NONE       Province additions may be used       Page No. 11.2	13. MAJOR EQUIP	PMENT A	ND AIRCRAF	Г					
Vehicle       78       77         F-16 Aircraft       18       20         Support Equipment       210       199         Vehicle Equivalents       230       220         14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011       CATEGORY         CATEGORY       CST       DESIGN STATUS         CODE       PROJECT TITLE       SCOPE       \$(000)       START         NONE       PROJECT 1000000000000000000000000000000000000	TY	<u>(PE</u>			AUTH	IORIZED	<u>AS</u>	SSIGNED	
F-16 Aircraft       18       20         Support Equipment       210       199         Vehicle Equivalents       230       220         14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011       CATEGORY       CST         CATEGORY       CST       DESIGN STATUS         CODE       PROJECT TITLE       SCOPE       \$(000)         NONE       START       CMPL	Vehicle					78		77	
Support Equipment       210       199         Vehicle Equivalents       230       220         14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011       CATEGORY       CST         CATEGORY       CST       DESIGN STATUS         CODE       PROJECT TITLE       SCOPE       \$(000)         NONE       Provious editions may be used       Page No. III 2	F-16 Aircraft					18		20	
venicie Equivalents     250     220       14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011       CATEGORY     CST     DESIGN STATUS       CODE     PROJECT TITLE     SCOPE     \$(000)     START       NONE	Support Equipment					210		199	
14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011         CATEGORY       CST       DESIGN STATUS         CODE       PROJECT TITLE       SCOPE       \$(000)       START       CMPL         NONE       PROJECT 76       Provious adjitions may be used       Page No. 11.2	venicle Equivalents					230		220	
14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011         CATEGORY       CST         DESIGN STATUS         CODE       PROJECT TITLE         SCOPE       \$(000)         START       CMPL         NONE         DEOPM 1390s       1 DEC 76         Provious adjitions may be used       Page No. 111.2									
CATEGORY     CST     DESIGN STATUS       CODE     PROJECT TITLE     SCOPE     \$(000)     START     CMPL       NONE     Provious aditions may be used     Page No. 11.2	14 OUTSTANDIN	G POLLU	TION AND SA	FETY(O	SHA) DEFICIE	ENCIES FY	2011		
CODE     PROJECT TITLE     SCOPE     \$(000)     START     CMPL       NONE	CATEGORY					C	ST	<u>DESI</u> GI	N STATUS
NONE	<u>CODE</u>	PROJE	CT TITLE		<u>SCOPE</u>	<u>\$(</u>	000)	START	CMPL
NUNE	NONE								
D EOPM 1300s 1 DEC 76 Provious aditions may be used Dage No. 111.2	NONE								
D EOPM 1300s 1 DEC 76 Provious adjitions may be used Dage No. 111.2									
	DD EODM 1200- 1 T	NEC 76	<b>D</b>	ione all'	na mar k	d		Dage Mr. III	2

1. COMPONENT ANG	FY 2011 GUA MILITARY	RD AND RESERVE CONSTRUCTION		2. DATE February 2	010		
3. INSTALLATION	NAND LOCATION			4. AREA C COST IN	ONSTR IDEX		
DAVIS MONTHAN	NAFB, TUCSON, ARIZONA			.99	,		
Facility is occupied and USMC, and For air-to-air, air-to-group support, weather rec	by deployed northern tier ANG fl reign National units occupy remain und, combat search and rescue, dis con, and live ordnance delivery. U	ying units eight months ning four months. Facil ssimilar air combat train Inmanned Aerial Vehicl	out of twelve. A ity supports airc ing, night visior e (UAV) ground	Active Duty a raft sortie ge n goggle wor l control ope	AF, USN, neration for k, syllabus rations on a		
6 OTHER ACTIV	E/GUARD/RESERVE INSTALL	ATIONS WITHIN 15 N		1			
One AF Base, one N Guard Unit.	Vaval Reserve Unit, one Army Res	serve Unit, one Army N	ational Guard U	nit and one A	Air National		
	NIECTED IN THIS DOOD AM.	EV 2011					
CATEGORY <u>CODE</u>	ATEGORYCOSTCODEPROJECT TITLESCOPE\$(000)						
141-753 TFI- F	Predator FOC - Active Associate	882 SM (9,500 SF)	4,900	Jun 08	Sep 10		
8. STATE RESERV Facilities identified use/expansion. The	VE FORCES FACILITIES BOAR in item 6 have been examined by Board recommendations are: Un	D RECOMMENDATIOn the State Reserve Forces ilateral Construction Ap	DN s Facilities Boar proved 2	d for possibl 3 Jan 08 (Date)	e joint		
				2			
7. LAND ACQUIS			(Nur	nber of Acres	<u>-</u> s)		
10. PROJECTS PL	ANNED IN NEXT FOUR YEAR	S			-)		
CATEGORY <u>CODE</u>	PROJECT TITLE		<u>SCO</u>	<u>PE</u>	COST <u>\$(000)</u>		
R&N	A Unfunded Requirement: \$800,0	00.00					
DD FORM 1390s. 1 I	DEC 76 Previous edi	tions may be used.	Pa	nge No. III-3			

1. COMPONENT	F	Y 2011 GUARD AND RESE	RVE	2. DATE February 2010
3. INSTALLATION	N AND LOCATION		511	
DAVIS MONTHAN	N AFB, TUCSON, A	ARIZONA		
11. PERSONNEL	STRENGTH AS OF	01 Jul 08		
	PEI	RMANENT	GUARD	RESERVE
AUTHORIZED	TOTAL OFFICER	ENLISTED CIVILIAN	TOTAL OFF	ICER ENLISTED
ACTUAL	0 0	0 0	123	40     93       35     88
12 RESERVE UN	ΙΤ ΠΑΤΑ			
UNIT DES	SIGNATION		<u>STREN</u> AUTHORIZED	NGTH ACTUAL
162 OPR			18	15
162 PRDT	OR	TOTALS	<u>    115</u> 133	123
13. MAJOR EQUI	PMENT AND AIRC	RAFT		
<u><u>T</u></u>	<u>YPE</u>	AUTH	ORIZED ASS	IGNED
14 OUTSTANDIN CATEGORY	G POLLUTION AN	D SAFETY(OSHA) DEFICIE	ENCIES FY 2011 CST	DESIGN STATUS
CODE	PROJECT TITLE	<u>SCOPE</u>	<u>\$(000)</u>	START CMPL
NONE				
DD FORM 1390s. 1	DEC 76	Previous editions may be use	d. Pa	ge No III-4

1. COMPONENT ANG	FY 2011 GUA MILITARY	FY 2011 GUARD AND RESERVE     2. DATE       MULTARY CONSTRUCTION     February 2010							
3. INSTALLATIO	ON AND LOCATION			4. AREA C	ONSTR				
NEW CASTLE C	OUNTY AIRPORT, WILMINGTO	DN, DELAWARE		1.0	DEX 2				
5. FREQUENCY Twelve monthly u and for training.	AND TYPE OF UTILIZATION nit assemblies per year, 15 days ann	uual field training per ye	ar, daily use by t	echnician/A	GR force				
6 OTHER ACTI	VE/CUADD/DECEDVE INCTALL	ATIONS WITHIN 15 N							
<ol> <li>OTHER ACTI</li> <li>1 Navy Reserve B</li> </ol>	uilding, Wilmington Area. 1 Army	Reserve Building, Wilm	ington Area. 6 A	army Nation	al Guard.				
7. PROJECTS RE	EQUESTED IN THIS PROGRAM:	FY 2011	COOT	DEGICN					
<u>CODE</u>	PROJECT TITLE	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>				
610-287 Joint Sh	t Forces Operations Center - ANG are	427 SM (4,600 SF)	1,500	Jul 08	Sep 10				
8. STATE RESEI Facilities identified use/expansion. Th	RVE FORCES FACILITIES BOAR d in item 6 have been examined by t he Board recommendations are: Uni	D RECOMMENDATIOn the State Reserve Forces ilateral Construction Ap	DN s Facilities Board proved 24	l for possible I Jun 08 (Date)	e joint				
9. LAND ACOUI	SITION REQUIRED			None					
		-	(Num	ber of Acres	5)				
10. PROJECTS P CATEGORY <u>CODE</u>	LANNED IN NEXT FOUR YEAR	S	SCOP	<u>PE</u>	COST <u>\$(000)</u>				
211-157 Re	place C-130 Aircraft Maintenance S	Shops	3,485 SM (3	37,500 SF)	11,600				
R&	M Unfunded Requirement: \$2,265,	,000							
DD FORM 1390s 1	DEC 76 Previous edi	tions may be used	Pa	ge No. III-5					

1. COMPONENT		FY 2011 C	JUARI	O AND RESERV	E	2. DATI	Ξ
ANG		MILITA	RY CO	ONSTRUCTION		February	y 2010
3. INSTALLATION	NAND LOCAT	TION					
NEW CASTLE CO	UNTY AIRPOI	RT. WILMIN	GTON	. DELAWARE			
11. PERSONNEL S	STRENGTH AS	S OF 06 Jul 09	01011	, 2 2 2 2 1 1 1 1 2 2 2			
-		PERMANE	NT		GUA	ARD/RESERV	E
	<u>260</u>	<u>CER</u> ENLIS	<u>TED</u>	<u>CIVILIAN</u>	$\frac{101AL}{1.008}$	<u>JFFICER EN</u> 270	RIO
ACTUAL	266	46	220	0	1,074	279	819 804
					-,		
12. RESERVE UN	IT DATA						
	IGNATION			-	ST AUTHOPIZED	RENGTH	
DE ANG	<u>IONATION</u>			<u>1</u>	33	34	AL
166 Airlift	Wing				55	54	
166 Medica	al Group				66	70	
166 Mainte	enance Group				12	9	
166 Mainte	nance Operatio	ns Flight			21	13	
166 Mainte	nance Squadro	n G			150	128	
166 Aircrat	t Maintenance	Squadron			57	42	
166 Operat	ions Support Fl	ight			0 26	0 19	
142 Airlift	Squadron	igin			122	121	
142 Airlift	Evacuation Squ	adron			86	96	
166 Missio	n Support Grou	р			8	10	
166 Civil E	Ingineering Squ	adron			116	113	
166 Comm	unication Fligh	t			34	41	
166 Logisti	cs Readiness S	quadron			122	156	
166 Force	Support Squadr	on			40	33	
166 Netwo	ry Forces Squad	adron			/4 /6	69 32	
166 Studen	t Flight	auron			22	26	
100 Studen	t i ngit	TC	TALS		1,098	$\frac{20}{1.074}$	
					,	,	
13. MAJOR EQUI	PMENT AND A	AIRCRAFT					
T	YPE			AUTHOR	RIZED	ASSIGNED	
Vehicles					89	87	
C-130H Aircraft					8	8	
Support Equipment					73	70	
Vehicle Equivalents				2	.50	264	
14 OUTSTANDIN	G POLLUTION	NAND SAFET	TY(OS	HA) DEFICIEN	CIES FY 2011		
CATEGORY					CST	DESIG	N STATUS
<u>CODE</u>	PROJECT 1	TTLE		<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	CMPL
NONE							
D FORM 1390s 1 I	DEC 76	Previous	editio	ns may be used		Page No III	-6
	-2010	11001000	canto	may be abed.		1 ugo 110. III	

1. COMPONENT ANG	FY 2011 GUAI MILITARY (	RD AND RESERVE CONSTRUCTION		2. DATE February 20	010
3. INSTALLATIO	N AND LOCATION			4. AREA CO	ONSTR
JACKSONVILLE	IAP, JACKSONVILLE, FLORIDA	A		.91	DEX
5. FREQUENCY	AND TYPE OF UTILIZATION				
Four Unit Training	Assemblies (UTA) per month, 15 a	annual field training days	s per year. Dail	ly use of tech	nician
10100.					
6. OTHER ACTIV	/E/GUARD/RESERVE INSTALL/	ATIONS WITHIN 15 M	ILES RADIUS		
Three Army Nation	hal Guard Armories, one US Marine	e Corps Unit, and three A	Army Installtion	18.	
		EV 2011			
7. PROJECTS RE CATEGORY	QUESTED IN THIS PROGRAM:	FY 2011	COST	DESIGN S	STATUS
CODE	PROJECT TITLE	<u>SCOPE</u>	<u>\$(000)</u>	<b>START</b>	<u>CMPL</u>
730-835 Secu	rity Forces Training Facility	1,815 SM (19,530 SF)	6,700	Jan 08	Jan 11
8. STATE RESER	VE FORCES FACILITIES BOAR l in item 6 have been examined by t	D RECOMMENDATIO	N Facilities Board	d for possible	e ioint
use/expansion. The	e Board recommendations are: Uni	lateral Construction App	proved 29	9 Jan 09	<b>J *</b> *
				(Date)	
9 LAND ACOUIT	SITION REQUIRED			None	
. Entre Regen			(Num	nber of Acres	.)
10. PROJECTS PI	LANNED IN NEXT FOUR YEARS	S			COST
<u>CODE</u>	PROJECT TITLE		SCOR	<u>PE</u>	<u>\$(000)</u>
R&	M Unfunded Requirement: \$27,353	3,000			
	•				

1. COMPONENT		FY 2	2011 GUAR	D AND RESE	RVE		2. DATE	
ANG		M	ILITARY C	CONSTRUCTIO	DN		February 2	.010
5. INSTALLATION	N AND LU	CATION						
JACKSONVILLE I	AP, JACK	SONVILLE	, FLORIDA	L				
11. PERSONNEL	STRENGT	H AS OF 15	Jul 08					
		PERM	IANENT			GUARD/	RESERVE	
	TOTAL	OFFICER E	ENLISTED	CIVILIAN	TOTA	<u>OFFIC</u>	<u>CER</u> ENLI	ISTED
AUTHORIZED	435	44	391	0	1,02	23 1	20	903
ACTUAL	446	42	404	0	1,00	04	85	919
12. RESERVE UN	IT DATA							
		NT			AUTHODI	STREN	GTH	<u> </u>
<u>UNIT DES</u> 125 Fighte	r Wing	N			AUTHORI 53	ZED	ACTUAL 63	
125 Detacl	nment 1				19		17	
125 Missio	on Support	Group			9		8	
125 Missio	on Support	Flight			21		21	
125 Securi	ty Forces S	quadron			86		79	
125 CIVILE 125 Service	es Flight	squadron			49 22		63 24	
125 Service 125 Mainte	enance Gro	up			22		17	
125 MXSF	7				25		20	
125 Logist	ics Readine	ess Squadron			76		83	
125 Mainte	enance Squ	adron			229		209	
125 AMS 125 Comm	unication I	Flight			178		147	
125 Conin 125 Medic	al Group	ingin			86		83	
125 Operat	tions Group	)			9		9	
125 Studer	nt Flight				34		60	
125 Operation 150 Eights	tions Suppo	ort Flight			32		29	
159 Fignie	r Squadron		TOTAL	8	$\frac{40}{1.023}$		$\frac{28}{1.003}$	
			TOTAL		1,025		1,005	
13. MAJOR EQUI	PMENT A	ND AIRCRA	FT					
Т	YPE			AUTH	ORIZED	ASSI	GNED	
C-26 Aircraft					1		1	
C-130					1		1	
F-15 Aircraft					15		19	
Support Equipment	2				107 207	1	203	
veniere Equivalent.	,				207	2	.05	
14 OUTSTANDIN	G POLLU'	TION AND S	SAFETY(O	SHA) DEFICIE	ENCIES FY 2	011		
CATEGORY	010220				CST	011	DESIGN S	STATUS
CODE	<u>PROJE</u>	<u>CT TITLE</u>		<u>SCOPE</u>	<u>\$(00</u>	<u>0)</u>	START	CMPL
NONE								
NONE								
		-			1			
DD FORM 1390s 1	DEC 76	Pr	evious editi	ons may be use	d.	Pa	σe N∩ Ⅲ-8	

1. COMPONENT ANG	FY 2011 GUA MILITARY	RD AND RESERVE		2. DATE February 20	010
3. INSTALLATION	N AND LOCATION			4. AREA CO	ONSTR
SAVANNAH/HILT	TON HEAD IAP, SAVANNAH,	GEORGIA		.84	DEX
5. FREQUENCY A	AND TYPE OF UTILIZATION	C 11 / 1 / 1		· · / / CD	C 1
training. Potential f	sembly per month, 15 days annual for 365 days of visiting unit-training	field training per year, d	ally use by tech	inician/AGR	force and
6. OTHER ACTIV	E/GUARD/RESERVE INSTALL	ATIONS WITHIN 15 M	ILES RADIUS		
1 Active Army Insta	allation. 1 Army Reserve Installation	on. 1 Marine Reserve In	stallation.		
		EV 2011			
CATEGORY	QUESTED IN THIS PROGRAM:	FY 2011	COST	DESIGN S	STATUS
CODE	PROJECT TITLE	<u>SCOPE</u>	<u>\$(000)</u>	START	CMPL
141-753 Reloc	ate ASOS Facilities	3,252 SM (35,000 SF)	7,700	Oct 08	Sep 10
			NT		
8. STATE RESERVE	in item 6 have been examined by t	the State Reserve Forces	N Facilities Board	d for possible	e joint
use/expansion. The	Board recommendations are: Uni	lateral Construction App	proved 19	9 Feb 09	5
				(Date)	
9. LAND ACOUIS	ITION REQUIRED			None	
			(Num	nber of Acres	5)
10. PROJECTS PL	ANNED IN NEXT FOUR YEAR	S			COST
CODE	PROJECT TITLE		SCOR	<u>PE</u>	<u>\$(000)</u>
R&N	M Unfunded Requirement: \$20,370	0,000			
	1				

1. COMPONENT		FY	2011 GUAF	RD AND RESI	ERVE		2. DAT	Έ
ANG 3 INSTALLATIO	 N AND L	N OCATION	AILITARY C	CONSTRUCT	ION		Februar	ry 2010
		001111011						
SAVANNAH/HILT	FON HEA	D IAP, SA	VANNAH, C 2 Aug 09	BEORGIA				
II. FERSONNEL	STRENU		2 Aug 09					
	TOTAL	PER	MANENT	CIVILIAN	_	GU	ARD/RESER	VE
AUTHORIZED	<u>101AL</u> 344	OFFICER 33	ENLISTED 298	<u>CIVILIAN</u> 13	<u> </u>	1.009	<u>OFFICER E</u> 136	NLISTED 873
ACTUAL	312	31	268	13		981	129	852
12 DESERVE UN								
12. RESERVE ON								
						ST	RENGTH	
165 Airlift	Wing	JN			AUII	<u>10RIZED</u> 55	<u>ACT</u> 5	9
165 Opera	tions Grou	ıp				6	-	6
165 Maint	enance Gr	oup				12	1	0
165 Maint	enance Sq	uadron	n			154	13	1
165 Aircra	ift Mainter	ance Squadro	on			54	4	5
165 Missie	on Support	Group				8	1	0
165 Missie	on Support	Flight				19	2	8
165 Civil I	Engineerin	g Squadron				99	8	7
165 Servic	es Flight	Canadran				31	2	2
165 Securi	unication	Squaaron Flight				75 34	1	3 0
165 Medic	al Squadr	on				48	5	0
165 Stude	nt Flight					29	8	6
158 Airlift	Squadron	1				123	10	7
165 Opera	tions Supp	ort Flight	1.4			20	2	1
GA Comb	enance Op at Readine	erations Flig	nt Tenter			21 101	1	2
GA Como	at Reading	ss framing v	TOTAL	S	1,	009	98	1
					,			
13. MAJOR EOUI	PMENT A	AND AIRCR	AFT					
	VDE				ווואזיביי	2		
Vehicle Fauivalent	<u>TPE</u>			<u>AUT</u>	HURIZEI 801	<u>، ر</u>	795 795	
C-130H Aircraft	3				8		8	
Support Equipment					433		323	
Vehicles					268		243	
14 OUTSTANDIN		ITION AND	SAFETV(O	SHA) DEFICI	ENCIES	FY 2011		
CATEGORY			5/11/10			CST	DESIC	N STATUS
CODE	<u>PROJ</u>	ECT TITLE		<u>SCOPE</u>		<u>\$(000)</u>	STAR	Г <u>CMPL</u>
NONE								
NONE								
DD EODM 1200- 1	DEC 76	г	marrieura - 1'''	ong mo 1	ad		Daga Ma III	10

1. COMPONENT ANG	FY 2011 MILIT	FY 2011 GUARD AND RESERVE2. DATEMILITARY CONSTRUCTIONFebruary 2010							
3. INSTALLATIO	ON AND LOCATION			4. AREA C	ONSTR IDFX				
HICKAM AIR FO	DRCE BASE, HONOLULU,	HAWAII		2.1	7				
5. FREQUENCY One Unit Training training.	AND TYPE OF UTILIZATIO Assemby per month, 15 days	ON annual field training per year, o	daily use by te	echnician/AG	R force for				
				1					
6. OTHER ACTI 2 Army Installatio Reserve Center, 4	NE/GUARD/RESERVE INSI ns, 1 Army Facility, 1 Air For Army National Guard Installa	ce Base, 1 Air Force Reserve, 1 tions, 1 Air National Guard	LES RADIOS I Naval Install	ations, 1 Ma	rine Corps				
7. PROJECTS RE	EQUESTED IN THIS PROGR	RAM: FY 2011							
CATEGORY <u>CODE</u>	PROJECT TITLE	<u>SCOPE</u>	COST <u>\$(000)</u>	<u>DESIGN</u> <u>START</u>	<u>STATUS</u> <u>CMPL</u>				
211-111 TFI O	- F-22 Hangar, Squadron perations and AMU	7,193 SM (77,427 SF)	48,250	Oct 08	Sep 10				
216-642 TFI	- F-22 Upgrade Munitions	3,048 SM (32,800 SF)	17,250	Oct 08	Sep 10				
800-100 TFI Su	- F-22 Beddown Infrastructure	e LS (LS)	5,950	Oct 08	Mar 10				
8. STATE RESEI Facilities identifie use/expansion. Th	RVE FORCES FACILITIES F d in item 6 have been examine te Board recommendations are	BOARD RECOMMENDATION ed by the State Reserve Forces I e: Unilateral Construction App	N Facilities Boar roved 1	rd for possibl 9 Feb 08 (Date)	e joint				
9. LAND ACQUI	ISTTION REQUIRED		(Nur	None nber of Acres	- s)				
10. PROJECTS P CATEGORY <u>CODE</u>	LANNED IN NEXT FOUR Y <u>PROJECT TITLE</u>	/EARS	<u>SCO</u>	<u>PE</u>	COST <u>\$(000)</u>				
171-212 TF 171-875 TF 113-321 TF	I - F-22 Flight Simulator Faci I - F-22 Weapons Load Crew I - F-22 Combat Aircraft Park	lity Training Facility ing Apron	2,215 SM 805 SM (8 12,542 SM	(23,847 SF) ,670 SF) (15,000 SY)	19,800 7,000 12,530				
Rð	M Unfunded Requirement: \$	4,905,000		(,,	,				
DD FORM 1390s	DEC 76 Previo	us editions may be used	Pa	ge No III-11					

1. COMPONENT		FY	2011 GUAR	D AND RESE	RVE	2. DA			
ANG 3 INSTALLATION			ILIIARYC	CONSTRUCTION	DN	Februa	ry 2010		
5. INSTALLATION		CATION							
HICKAM AIR FOR	CE BASE,	HONOLU	LU, HAWA	Л					
11. PERSONNEL S	STRENGT	HAS OF 01	Jul 09						
-		PERN	IANENT		G	UARD/RESER	VE		
	$\underline{\text{FOTAL}}$ (	<u>DFFICER</u>	ENLISTED	<u>CIVILIAN</u>	TOTAL	<u>OFFICER</u> <u>E</u>	NLISTED		
AUTHORIZED	571	448	123 5(1	0	1,711	223	1,488		
ACTUAL	033	12	501	0	1,008	151	1,457		
12 RESERVE UNI	ΤΟΔΤΔ								
12. RESERVE ON									
						STRENGTH			
UNIT DES	IGNATIO	N			<b>AUTHORIZE</b>	<u>D</u> <u>ACT</u>	UAL		
154 Medica	al Squadror	1			76	6	2		
154 Weath	er Group				75	6	6		
154 Aircrat	t Generatio	on Squadron			303	29	7		
154 Civil E	ngineering	Squadron			66	7	0		
154 Comm	unication F	light			42	4	9		
154 Logisti	ics Group	ee Sanodror			33 101	2	5		
154 Logisti 154 Logisti	cs Support	ss squadror Flight	L		50		.7		
154 Logisu 154 Missio	n Support I	Flight			34	4	1		
154 Aircrat	ft Maintena	nce Squadro	on		397	38	6		
154 Operat	ions Group				11	1	0		
154 Operat	ions Suppo	rt Flight			43	3	3		
154 Securit	ty Forces S	quadron			73	7	8		
154 Suppor	rt Group				5		5		
154 Service	es Flight				42	4	.6		
169 Air Su	pport Oper	ations Cente	r		0		0		
199 Fighter	Squadron				39	3	9		
199 Weath	er Flight	· · · · ·			12	1	2		
201 Comba	t Commun	ications Gro	oup		39	3	3		
205 Alf Ke	Squadron	ladron			62 50	4	<b>e</b>		
204 Allint 291 Combs	Squadron	ications Sau	adron			4	0		
291 Comba 292 Comba	at Commun	ications Squ	adron		0		0		
292 Comba 293 Comba	at Commun	ications Squ	adron		129	11	8		
			TOTAL	S	1,711	1,60	8		
13. MAJOR EQUIE	PMENT AN	ND AIRCRA	AFT						
$ = \frac{T}{15 \text{ A/C AIDCD AI}} $	<u>r PE</u> FT			<u>AUTH</u>	IUKIZED 15	ASSIGNED			
KC 135R AIRCRAI	FI FT				13	19			
Support Equipment					512	509			
Vehicle Equivalents					~	820			
						020			
14 OUTSTANDIN	G POLLUT	TION AND	SAFETY(O	SHA) DEFICIE	ENCIES FY 201	1			
CATEGORY					CST	DESIG	GN STATUS		
CODE	<u>PROJE</u>	<u>CT TITLE</u>		<u>SCOPE</u>	<u>\$(000</u> )	STAR	T CMPL		
NONE									
DD FORM 1300c 1 I	DEC 76	P	revious editi	ons may be use	d	Page No. II	[_12		

1. COMPONENT ANG	FY 2011 GUA MILITARY	RD AND RESERVE		2. DATE February 20	010				
3. INSTALLATION	N AND LOCATION			4. AREA CO	ONSTR				
CAPITAL MAP, SPRINGFIELD, ILLINOIS COST INDEX 1.20									
5. FREQUENCY AND TYPE OF UTILIZATION									
Twelve monthly ass	Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.								
for training.									
6. OTHER ACTIV	E/GUARD/RESERVE INSTALL	ATIONS WITHIN 15 MI	LES RADIUS						
1 Army Installation	and 1 Army Reserve Training Cer	nter							
7. PROJECTS REC	QUESTED IN THIS PROGRAM:	FY 2011	COST	DESIGN S	TATUS				
CODE	PROJECT TITLE	<u>SCOPE</u>	<u>\$(000)</u>	START	CMPL				
610-285 TFL-	cNAF Beddown - Upgrade	5.665 SM (60.961 SF)	16.700	Jun 08	Sep 10				
Fac	ilities	-,,-,	- ,						
8. STATE RESER	VE FORCES FACILITIES BOAR	D RECOMMENDATIO	N						
Facilities identified use/expansion. The	Board recommendations are: Un	the State Reserve Forces i ilateral Construction App	Facilities Board	d for possible 7 Jun 09	joint				
I I I I I I I I I I I I I I I I I I I				(Date)					
9. LAND ACQUIS	ITION REQUIRED		(Num	<u>None</u>					
10. PROJECTS PL	ANNED IN NEXT FOUR YEAR	S	(i tuii		/				
CATEGORY	<b>DD</b> ΩΙΕ <u>Ω</u> Τ ΤΙΤΙ Ε		SCOL	DE	COST \$(000)				
	<u>FROJECT HILE</u>		<u>5001</u>		<u>\$(000)</u>				
R&I	M Unfunded Requirement: \$18,18	30,000							

1. COMPONENT		FY 2011 C	JUARE	O AND RESERVE		2. DATE	2010
3. INSTALLATION	I AND LOCA	ATION	KI CC	INSTRUCTION		reditialy	2010
CAPITAL MAP S	PRINGFIELF	DILLINOIS					
11. PERSONNEL S	TRENGTH A	AS OF 01 Jun 0	9				
		PERMANE	NT		GU	ARD/RESERVI	E
	TOTAL OF	FICER ENLIS	TED	CIVILIAN	TOTAL (	DFFICER EN	LISTED
AUTHORIZED ACTUAL	268 225	48 27	220 198	0	900 847	195 111	705 736
			170	Ũ	0.7		
12. RESERVE UNI	T DATA						
					ST	RENGTH	. <u>.</u>
UNIT DES 183 Compo	<u>IGNATION</u> ment Number	ed Air Force		<u>AU</u>	<u>JTHORIZED</u> 302	<u>ACTU</u> 186	<u>AL</u>
186 Logisti	cs Readiness	Squadron			32	46	
183 Comm 183 Operat	unication Flig	ght			34 0	37	
183 Missio	n Support Gro	oup			8	9	
183 Operat	ions Support	Flight			0	3	
183 Force S	Squadron Support Squad	dron			3 41	47	
183 Mainte	nance Squadi	on			133	143	
183 Fighter 183 Aircrat	: Wing It Maintenanc	e Squadron			52 0	49	
183 Suppor	t Group	e bquuuron			43	47	
183 Civil E	ngineer	dron			67 74	75 77	
217 Engine	ering Installa	tion Squadron			111	112	
		TC	TALS		900	847	
13. MAJOR EQUIE	PMENT AND	AIRCRAFT					
T	<u>(PE</u>			<u>AUTHORI</u>	ZED A	A <u>SSIGNE</u> D	
Vehicle Equivalents				35	9	384	
Number of Vehicles Support Equipment				12-	4 0	123 80	
Support Equipment				0	0	00	
14 OUTSTANDING	G POLLUTIO	ON AND SAFE	ΓY(OS	HA) DEFICIENCI	ES FY 2011		
CATEGORY			(	,	CST	DESIGN	STATUS
CODE	PROJECT	TITLE		<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	CMPL
NONE							
DD FODM 1200. 1 1	DEC 76	Dessia	odition	n may be used		Dage Mc III 1	4

1. COMPONENT	FY 2011 GUA	RD AND RESERVE		2. DATE	010			
3. INSTALLATION	N AND LOCATION	CONSTRUCTION		4. AREA C	ONSTR			
COST INDEX								
HULMAN REGIONAL AIRPORT, TERRE HAUTE, INDIANA .96								
5. FREQUENCY AND TYPE OF UTILIZATION Twolve monthly unit training assemblies per year, 15 days appual field training per year, daily use by technician/ACP								
force and for trainin	it training assemblies per year, 15	days annuar neid training	per year, dairy	use by tech	liciali/AGK			
force and for training	9.							
6. OTHER ACTIV	E/GUARD/RESERVE INSTALL Reserve Unit Five Army National	ATIONS WITHIN 15 MI	LES RADIUS Reserve Unit					
One Marine Corps I	Reserve Onit, The Army National	Guard Onit, One Army						
7. PROJECTS REC	UESTED IN THIS PROGRAM:	FY 2011	COST	DESIGN	TATUS			
CODE	PROJECT TITLE	SCOPE	\$(000)	START	CMPL			
<u></u>	<u></u>	<u>50011</u>	<u>\$(0007</u>	<u>b II II I</u>				
141-753 TFI -	ASOS Beddown - Upgrade	3,568 SM (38,400 SF)	4,100	May 06	Sep 10			
Fac	ilities							
8. STATE RESER	VE FORCES FACILITIES BOAR	D RECOMMENDATIO	N					
Facilities identified	in item 6 have been examined by	the State Reserve Forces	Facilities Board	d for possible	e joint			
use/expansion. The	Board recommendations are: Un	ilateral Construction App	roved 10	6 Apr 09	-			
				(Date)				
9. LAND ACQUIS	ITION REQUIRED			None				
		-	(Nun	nber of Acres	)			
10. PROJECTS PL	ANNED IN NEXT FOUR YEAR	S			COST			
CODE	PROJECT TITLE		SCOF	ÞE	\$(000)			
	<u>INGLET IIIEE</u>		<u>5001</u>		<u>\$(000)</u>			
R&I	M Unfunded Requirement: \$7,632	2,000						
	1	,						
1								

1. COMPONENT ANG		FY 2 M	2011 GUAF ILITARY C	RD AND RES CONSTRUCT	ERVE TON		2. DA Februa	ГЕ ıry 2010
3. INSTALLATIO	N AND LO	CATION ORT TERR	EHAUTE	INDIANA				
11. PERSONNEL	STRENGTI	HAS OF 26	Jun 09					
		PERM	IANENT			GU	ARD/RESER	VF
	TOTAL O	DFFICER E	ENLISTED	CIVILIAN		TOTAL	<u>OFFICER</u> E	INLISTED
AUTHORIZED	368	30	336	2		866	112	754
ACTUAL	284	20	262	2		828	91	/3/
12. RESERVE UN	IT DATA							
						ST	PENGTH	
UNIT DES	SIGNATIO	<u>N</u>			AUT	HORIZED	ACT	UAL
181 Studer	nt Flight					19 54	-	0
181 Intelli 181 Missie	gence Wing	Troup				54 8	2	9 9
181 Servic	es Flight	up				53	5	54
181 Securi	ty Forces S	quadron				73	7	76
181 Civil I 181 Comm	Engineering	Squadron				66 34	8	33 84
181 Collin 181 Medic	al Squadror	l				34 45	- 4	19
181 Intelli	gence Grouj	0				17	1	7
113 Air Su	pport Opera	ations Squad	ron			63 21	3	36
181 Logist 113 Weath	er Flight	ss Squadron				51 15	1	7
181 Operat	tions Suppo	rt Squadron				53	4	6
137 Intellig	gence Squad	lron	_			210	18	<u>89</u>
HO INAN	gence Supp G	ort Squadro	n			33		34
207 Weath	er Flight					15	1	6
			TOTAL	S		866	82	28
13. MAJOR EQUI	PMENT AN	ID AIRCRA	FT					
Т	<u>YPE</u>			<u>AU</u> T	<u>THORIZ</u> E	D	ASSIGNED	
Vehicle Equivalents	3				216		216	
Vehicles					108		77	
	a por							
14 OUTSTANDIN	G POLLUI	TON AND S	SAFETY(O	SHA) DEFIC	IENCIES	FY 2011 CST	DESU	GN STATUS
CODE	PROJE0	<u>CT TITLE</u>		<u>SCOPE</u>		<u>\$(000)</u>	STAR	T CMPL
NONE						_		_
NONE								
D FORM 1300g 1	DEC 76	Pr	evious editi	ons may be u	sed		Page No. II	I 16

AND LOCATION         IRPORT, BALTIMORE, MARYLAND         ND TYPE OF UTILIZATION         Assemblies per month, 15 days annual field traininician/AGR force, and for training.         //GUARD/RESERVE INSTALLATIONS WITH         ard Armories, 1 Army National Guard State Militer, 1 USMC Reserve Center, 1 U. S. Coast Guard         UESTED IN THIS PROGRAM: FY 2011         PROJECT TITLE       SCOPE         e Operations and Medical       3,131 SM (33)         ing Facility       3	4. AREA CONSTR COST INDEX .94         ining per year, 2 night flying operations per week         'HIN 15 MILES RADIUS litary Reservation, 3 Army Reserve Centers, 1 rd Yard, and 1 active Army Installation.         COST       DESIGN STATUS START         \$(000)       START         33,700 SF)       11,400         Feb 09       Sep 10
IRPORT, BALTIMORE, MARYLAND         ND TYPE OF UTILIZATION         Assemblies per month, 15 days annual field traininician/AGR force, and for training.         ZGUARD/RESERVE INSTALLATIONS WITH ard Armories, 1 Army National Guard State Militer, 1 USMC Reserve Center, 1 U. S. Coast Guard         UESTED IN THIS PROGRAM: FY 2011         PROJECT TITLE       SCOPE         e Operations and Medical       3,131 SM (33)         ning Facility	.94         ning per year, 2 night flying operations per week         THIN 15 MILES RADIUS         litary Reservation, 3 Army Reserve Centers, 1         rd Yard, and 1 active Army Installation.         COST DESIGN STATUS         §(000)       START       CMPL         33,700 SF)       11,400       Feb 09       Sep 10
//GUARD/RESERVE INSTALLATIONS WITH         ard Armories, 1 Army National Guard State Milit         c, 1 USMC Reserve Center, 1 U. S. Coast Guard         UESTED IN THIS PROGRAM: FY 2011         PROJECT TITLE         SCOPE         e Operations and Medical       3,131 SM (33)         ning Facility	THIN 15 MILES RADIUS         litary Reservation, 3 Army Reserve Centers, 1         rd Yard, and 1 active Army Installation.         COST       DESIGN STATUS         §(000)       START         33,700 SF)       11,400         Feb 09       Sep 10
UESTED IN THIS PROGRAM: FY 2011 <u>PROJECT TITLE</u> <u>SCOPE</u> e Operations and Medical 3,131 SM (33 ning Facility	COST         DESIGN STATUS           §(000)         START         CMPL           33,700 SF)         11,400         Feb 09         Sep 10
PROJECT TITLE SCOPE e Operations and Medical 3,131 SM (33 ning Facility	\$(000) START CMPL 33,700 SF) 11,400 Feb 09 Sep 10
e Operations and Medical 3,131 SM (33 hing Facility	33,700 SF) 11,400 Feb 09 Sep 10
E FORCES FACILITIES BOARD RECOMMEN n item 6 have been examined by the State Reserve Board recommendations are: Unilateral Construc	ENDATION rve Forces Facilities Board for possible joint uction Approved 26 Jun 08 (Date)
TION REQUIRED	<u>None</u> (Number of Acres)
NNED IN NEXT FOUR YEARS	COST <u>SCOPE \$(000)</u>
C-27 Conversion - Construct Squadron Operation C-27 Beddown - Add to and Alter Aircraft Shop	ions1,133 SM (12,200 SF)6,400aops2,703 SM (29,100 SF)6,600
	PROJECT TITLE C-27 Conversion - Construct Squadron Operat C-27 Beddown - Add to and Alter Aircraft Sh Unfunded Requirement: \$14,600,000

1. COMPONENT	FY 20	)11 GUARD	AND RESERV	Έ	2. DATE February 2010
3. INSTALLATION	N AND LOCATION				
MARTIN STATE 4	AIRPORT BAI TIMORI	F MARYIA	ND		
11. PERSONNEL	STRENGTH AS OF 01 A	Apr 09			
		I ···			
	PERMA	ANENT		GUA	RD/RESERVE
	<u>TOTAL</u> <u>OFFICER</u> <u>EN</u>	VLISTED C	<u>CIVILIAN</u>	<u>TOTAL</u> O	FFICER ENLISTED
AUTHORIZED	441 44	397	0	1,565	246 1,319
ACTUAL	431 43	388	0	1,590	217 1,373
12. RESERVE UN	IT DATA				
				STI	PENCTH
UNIT DES	SIGNATION			AUTHORIZED	ACTUAL
135 Aerial	Port Flight		-	0	4
135 AG	i on i nghi			30	24
135 Aircra	ft Maintenance Squadron			47	43
135 Mainte	enance Squadron			153	119
135 Mainte	enance Operations Flight			11	12
135 Air Su	pport Operations Center			86	76
135 Operat	tions Support Flight			21	23
175 Civil H	Engineering Squadron			106	122
175 Comm	unications Squadron			34	59
175 Logist	ics Readiness Squadron			137	194
175 Medic	al Group			56	64
175 Mainte	enance Group			22	18
175 AMS				166	131
175 Mainte	enance Squadron			253	170
175 Mainte	enance Operations Flight			22	19
175 Missio	on Support Flight			33	37
1/5 Operat	tions Group			4	4
1/5 Operat	nons Support Flight			27	29
104 Fignite	or Elight			49	39
104 Weath 175 Securi	ty Forces Squadron			119	125
175 Missic	n Support Group			119	125
175 Wissie 175 Weath	er Group			65	65
175 Weath 175 Servic	es Flight			33	36
175 Wing	Group			34	31
175 Inform	ation Operations Squadro	on		59	40
13. MAJOR EQUI	PMENT AND AIRCRAF	Т			
Т	YPE		AUTHO	RIZED A	SSIGNED
Vehicles				<u> </u>	111
A-10C PAA				18	22
Support Equipment				338	308
Vehicle Equivalents	5			359	348
C-130 J PAA				8	8
14 OUTSTANDIN	G POLLUTION AND SA	AFETY(OSH	A) DEFICIEN	CIES FY 2011	
CATEGORY		(	,	CST	<u>DESI</u> GN STATUS
CODE	PROJECT TITLE		<u>SCOPE</u>	<u>\$(000)</u>	START CMPL
NONE					
DD FORM 1390s. 1 ]	DEC 76 Pre	vious edition	s may be used.		Page No. 111-18

1. COMPONENT ANG	FY 2011 GUA MILITARY	ARD AND RESERVI	Ξ	2. DATE February 2	010
3. INSTALLATION	N AND LOCATION			4. AREA C	ONSTR
FORT DRUM MIL	TARY RESERVATION, WAT	ERTOWN, NEW YO	ORK	1.1	7
5. FREQUENCY A	ND TYPE OF UTILIZATION	and field training per	waan fraquant waa	hr: to obmision	ACD former
and for training. Re	aper aerial launch/recovery opera	ations.	year, frequent use	by technician	AGR Iorce
6. OTHER ACTIV	E/GUARD/RESERVE INSTALI	LATIONS WITHIN 1	5 MILES RADIUS		
7. PROJECTS REQ	UESTED IN THIS PROGRAM	: FY 2011	COST	DESIGN	STATUS
CODE	PROJECT TITLE	<u>SCOPE</u>	<u>\$(000)</u>	START	CMPL
112-211 TFL-1	Reaper Infrastructure Support	11S(11S)	2 500	Jul 08	Sep 10
	teaper initiasitateare support		2,500	<b>Ju</b> 1 00	5 <b>c</b> p 10
8. STATE RESERV	VE FORCES FACILITIES BOA	RD RECOMMENDA	TION		
Facilities identified	in item 6 have been examined by	the State Reserve Fo	rces Facilities Boar	d for possible	e joint
use/expansion. The	Board recommendations are: Un	nilateral Construction	Approved 1	4 May 08 (Date)	
				(Date)	
9. LAND ACQUIS	ITION REQUIRED			None	_
_	-		(Nur	mber of Acres	5)
10. PROJECTS PL	ANNED IN NEXT FOUR YEAF	RS			COST
CODE	PROJECT TITLE		<u>SCO</u>	<u>PE</u>	<u>\$(000)</u>
	DEC 76 Descriptions and	itions may be used	Da	na No III 10	1

1. COMPONENT ANG		FY 2011 GUAR MILITARY C	D AND RESER	RVE DN	2. DATE February	2010
3. INSTALLATION	N AND LOCATIO	N				
FORT DRUM MIL	ITARY RESERVA	TION, WATER F 31 May 09	RTOWN, NEW	YORK		
	P	ERMANENT		G	UARD/RESERV	E
AUTHORIZED	$\begin{array}{c} \underline{\text{rotal}} & \underline{\text{OFFICE}} \\ 0 & 0 \end{array}$	<u>R</u> <u>ENLISTED</u> 0	CIVILIAN 0	TOTAL 46	<u>OFFICER</u> <u>EN</u> 4	LISTED 42
ACTUAL	0 0	0	0	45	3	42
12. RESERVE UN	IT DATA					
UNIT DES	IGNATION			AUTHORIZE	<u>STRENGTH</u>	AL
DET 1 LRE 1		TOTAL	9	21 <u>25</u>	20 <u>25</u>	
		TOTAL	5	40	45	
13. MAJOR EQUI	PMENT AND AIR	CRAFT				
<u>T</u> Support Equipment	<u>YPE</u>		AUTH	ORIZED	ASSIGNED	
Vehicle Equivalents				198	198	
	C DOLL LITION A			NOIDS EV 401	1	
CATEGORY	U PULLU HUN A	E	SCOPE	CST	DESIGN	N STATUS
NONE	<u>PROJECT IIII</u>	<u>_E</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	UNIPL
DD FORM 1390s, 1 I	DEC 76	Previous edition	ons may be used	1.	Page No. III-2	20

1. COMPONENT	FY 2011 GUAI MILITARY (	RD AND RESERVE		2. DATE February 20	010			
3. INSTALLATIO	N AND LOCATION	construction		4. AREA C	ONSTR			
STEWART INTERNATIONAL AIRPORT NEWBURGH NEW YORK 1.37								
5. FREQUENCY AND TYPE OF UTILIZATION								
Four Unit Training training.	Assemblies per month, 15 days and	nual training per year, da	ily use for tech	nician force,	and for			
6. OTHER ACTIV Army National Gua (colocated) and the	E/GUARD/RESERVE INSTALLA rd Unit, two Army Reserve units, o U. S. Military Academy.	ATIONS WITHIN 15 MI one Naval Reserve unit, o	LES RADIUS one Marine Cor	rps Reserve I	Jnit			
	NUESTED IN THIS DOOD AM.	EV 2011						
CATEGORY	UESTED IN THIS PROGRAM:	ГІ 2011	COST	DESIGN S	STATUS			
CODE	PROJECT TITLE	<u>SCOPE</u>	<u>\$(000)</u>	START	<u>CMPL</u>			
730-835 Base	Defense Group Beddown	5,382 SM (57,930 SF)	15,000	Aug 09	Mar 11			
8. STATE RESER Facilities identified	VE FORCES FACILITIES BOAR in item 6 have been examined by t	D RECOMMENDATIO	N Facilities Board	d for possible	e ioint			
use/expansion. The	Board recommendations are: Uni	lateral Construction App	roved 10	6 Dec 08	, Jonne			
				(Date)				
9. LAND ACQUIS	ITION REQUIRED			None				
		a	(Num	nber of Acres	5)			
CATEGORY	ANNED IN NEXT FOUR YEAR	8			COST			
CODE	PROJECT TITLE		SCOR	<u>PE</u>	<u>\$(000)</u>			
R&I	M Unfunded Requirement: \$11,120	0,000						

1. COMPONENT		FY 20	11 GUAR	D AND RESER	VE	2. DATE			
ANG		MIL	JTARY C	ONSTRUCTION	N	February 20	10		
3. INSTALLATION	N AND LO	DCATION							
STEWART INTER	NATIONA	AL AIRPORT	NEWBUI	RGH NEW YOU	sk				
11. PERSONNEL S	STRENGT	TH AS OF 29 Ju	un 09						
	TOTAL	PERMA	<u>NENT</u>	<u>CIVILIAN</u>	GUA	ARD/RESERVE	TED		
AUTHORIZED	<u>101AL</u> 622	<u>OFFICER</u> <u>EN</u> 36	586	O	$\frac{101AL}{1.346}$	<u>JFFICER</u> <u>ENLIS</u> 150 1	<u>TED</u> 196		
ACTUAL	628	36	592	0	1,524	153 1,	371		
· · · ·									
12. RESERVE UNIT DATA									
STRENGTH									
UNIT DES	IGNATIC	DN			AUTHORIZED	ACTUAL			
105 Aircra	ft Mainten	ance Squadron			131	125			
105 Airlift	Wing	~ -			55	64			
105 Civil E	ngineerin	g Squadron			105	111			
105 Comm 105 Logist	unication	riight ess Squadron			54 122	41 165			
105 Logisti 105 Mainte	enance Gro	oup			12	10			
105 Mainte	enance Op	erations Flight			28	31			
105 Mainte	enance Squ	adron			302	327			
105 Medic	al Group	Flight			70	81			
105 Missio	n Support	Group			8	10			
105 Operat	ions Grou	p			8	6			
105 Operat	tions Supp	ort Flight			30	20			
105 Securi	ty Forces S	Squadron			94	80			
105 Service	es riight				21	54 117			
137 Air Su	pport Ope	rations Center			195	174			
213 Engine	ering Inst	allation Squadre	on		110	105			
			TOTALS	5	1,346	1,524			
13. MAJOR EQUI	PMENT A	ND AIRCRAF	Т						
_									
Vohiolo Equivalente	<u>YPE</u>			AUTHC	<u>0RIZED</u> <u>A</u>	ASSIGNED 865			
C-5 Aircraft					13	13			
KC-139 T (USMCR	()				14	13			
Support Equipment					179	155			
Vehicle					210	236			
14 OUTSTANDIN	G POLLU	TION AND SA	AFETY(OS	SHA) DEFICIEN	ICIES FY 2011	DEGIOL OF			
CODE		СТ ТІТІ Б		SCOPE	CST \$(000)	<u>DESIGN ST</u> Start 4	<u>AIUS</u> CMPI		
	<u>i noji</u>	<u>AT TILE</u>		<u>5001 E</u>	<u>\$(000)</u>	START			
NONE									
DD FORM 1390s, 1 I	DEC 76	Prev	vious editio	ons may be used.		Page No. III-22			

1. COMPONEN	NT	FY 201	1 GUARD	AND RESERV	VE J		2. DATE	2010	
3. INSTALLAT	3. INSTALLATION AND LOCATION							4. AREA CONSTR	
STANLY COUNTY AIRPORT, ALBEMARLE, NORTH CAROLINA .84								NDEX 4	
5. FREQUENC Twelve monthly	CY AND ' y assembl	<b>FYPE OF UTILIZAT</b> ies per year, 15 days	TION annual field	l training per y	ear, dail	ly use by tec	hnician/AGR	force and	
for training.									
							~		
6. OTHER AC 1 Army Nationa	TIVE/GU al Guard;	ARD/RESERVE INS 1 Air National Guard	STALLATI I	ONS WITHIN	15 MII	LES RADIU	S		
7. PROJECTS CATEGORY	REQUES	TED IN THIS PROC	GRAM: FY	2011	(	COST	DESIGN	STATUS	
CODE	<u>Pl</u>	ROJECT TITLE		<u>SCOPE</u>	<u>.</u>	<u>\$(000)</u>	START	CMPL	
141-753 U	pgrade A	SOS Facilities	1,	022 SM (11,0	00 SF)	2,000	Oct 08	Sep 10	
8. STATE RES	SERVE FO	DRCES FACILITIES	BOARD F	RECOMMEND	ATION	1	1.0 11		
Facilities identifiuse/expansion.	fied in ite The Boar	m 6 have been examined recommendations a	ned by the are: Unilate	State Reserve I eral Construction	forces F on (Ren	acilities Boa ovation) App	ard for possib proved 05 De	c 08	
							(Date)		
9. LAND ACQ	UISITIO	N REQUIRED				(Nu	None Imber of Acro	es)	
10. PROJECTS CATEGORY	S PLANN	ED IN NEXT FOUR	YEARS					COST	
<u>CODE</u>	<u>Pl</u>	ROJECT TITLE				<u>SCO</u>	<u>DPE</u>	<u>\$(000)</u>	
219-946	DRBS Sto	orage Facility				743 SM (	8,000 SF)	1,700	
]	R&M Un	funded Requirement:	\$1,490,000	)					
DD FORM 1390s	s, 1 DEC	76 Previ	ious edition	s may be used.		Р	age No. III-2	3	

1. COMPONENT	F	Y 2011 GUARI	O AND RESER	VE	2. DATE
ANG 3 INSTALLATIO	N AND LOCATION	MILITARY CO	DNSTRUCTION	N	February 2010
STANLY COUNT	Y AIRPORT, ALBE STRENGTH AS OF	MARLE, NORT 31 May 09	TH CAROLINA	<b>L</b>	
		51 may 05			
	<u>PEI</u> TOTAL OFFICER	<u>RMANENT</u> ENLISTED	CIVILIAN	<u>GUA</u> TOTAL O	RD/RESERVE FFICER ENLISTED
AUTHORIZED	<u>56</u> 5	46	5	348	27 <u>321</u>
ACTUAL	56 5	46	5	326	26 300
12. RESERVE UN	IT DATA				
				(TD	
UNIT DES	SIGNATION			AUTHORIZED	ACTUAL
118 Air Su	pport Operations Squ	adron		76	57
235 Air Ir 263 Civil I	affic Control Flight Engineer Training Sit	e		87 185	89 180
	0 0	TOTALS		348	326
13. MAJOR EQUI	PMENT AND AIRC	RAFT			
Т	YPE		AUTHO	DRIZED AS	SSIGNED
Vehicle Equivalents	3			328	326
14 OUTSTANDIN	C DOLLITION AND	D S A FETV/OO		ICIES EV 2011	
CATEGORY	G FOLLUTION AN.	U SAFET I (US	UA) DEFICIEN	CILS F 1 2011 CST	DESIGN STATUS
CODE	PROJECT TITLE	3	<u>SCOPE</u>	<u>\$(000)</u>	START CMPL
NONE					
DD FORM 1390s. 1	DEC 76	Previous edition	ns may be used.		Page No. III-24

1. COMPONENT	FY 2011 GUA	ARD AND RESERVE		2. DATE	0
ANG 2 INSTALLATION		CONSTRUCTION		February 201	U ISTD
5. INSTALLATION	AND LOCATION			4. AREA CON	EX
STATE COLLEGE	ANG STATION, STATE COLI	LEGE, PENNSYLVANIA	A	1.04	
5. FREQUENCY A	ND TYPE OF UTILIZATION				
Four unit training as	ssemblies per month, 15 days ann	ual field training per year	, daily use by te	echnician/AGR	force
and for training.					
6. OTHER ACTIV	E/GUARD/RESERVE INSTALL	LATIONS WITHIN 15 M	IILES RADIUS		
One Army National	Guard Unit, one Army Reserve C	Jints, one Air Force Reser	ve unit		
7. PROJECTS REC	UESTED IN THIS PROGRAM:	FY 2011			
CATEGORY			COST	DESIGN ST	ATUS
CODE	PROJECT TITLE	<b>SCOPE</b>	<u>\$(000)</u>	START	CMPL
141-454 Add to	o and Alter AOS Facility	976 SM (10,500 SF)	4,100	Jan 10	Jan 11
8. STATE RESERV	ve forces facilities boar	the State Reserve Fores	JN Essilition Door	d for possible i	oint
use/expansion The	Board recommendations are: Ur	ilateral Construction An	proved 2	4 Aug 06	onn
use, expansion. The	Dourd recommendations are.			(Date)	
				()	
9. LAND ACQUIS	ITION REQUIRED			None	
			(Nun	nber of Acres)	
10. PROJECTS PL	ANNED IN NEXT FOUR YEAF	RS		-	
CATEGORY				C A	COST
CODE	PROJECT TITLE		<u>SCO</u>	<u>PE 5</u>	<u>(000)</u>
DD EODM 1200a 1 I	DEC 76 Previous ed	itions may be used	Pag	e No III-25	

1. COMPONENT ANG		FY 2011 GUAR MILITARY C	D AND RESER ONSTRUCTIO	VE N	2. DATE February	2010
3. INSTALLATIO	N AND LOCATIO	N			<b>`</b>	
STATE COLLEGE	ANG STATION, STRENGTH AS O	STATE COLLE F 01 Aug 06	GE, PENNSYLY	VANIA		
	Р	ERMANENT		GU	ARD/RESERVE	]
AUTHORIZED	TOTAL OFFICE	R ENLISTED 17	CIVILIAN 0	<u>TOTAL</u> 135	OFFICER ENL 56	<u>.ISTED</u> 79
ACTUAL	25 9	16	0	110	40	70
12. RESERVE UN	IT DATA					
UNIT DES	SIGNATION			AUTHORIZED	<u>FRENGTH</u>	<u>.L</u>
112 AOS		TOTALS	5	<u>135</u> 135	$\frac{110}{110}$	
	DATENT AND AD					
15. MAJOK EQUI	PMENT AND AIK	CKAFI		DIZED	ASSIGNED	
Vehicles	IIL		AUTHO	4	4	
14 OUTSTANDIN	G POLLUTION A	ND SAFETY(OS	SHA) DEFICIEN	NCIES FY 2011		
CATEGORY <u>CODE</u>	PROJECT TITI	<u> </u>	<u>SCOPE</u>	CST <u>\$(000)</u>	<u>DESIGN</u> START	STATUS CMPL
NONE						
DD FORM 1390s, 1	DEC 76	Previous edition	ons may be used		Page No. III-20	5

1. COMPONEN ANG	NT FY 2011 MILIT	GUARD AND RESERVE ARY CONSTRUCTION		2. DATE February 20	)10
3. INSTALLAT	TION AND LOCATION			4. AREA CO	ONSTR
NASHVILLE I	NTERNATIONAL AIRPORT,	NASHVILLE, TENNESSEE		.85	DEA
5. FREQUENC Twelve monthly for training.	v AND TYPE OF UTILIZATIOn assemblies per year, 15 days an	nual field training per year, dai	ly use by techn	iician/AGR f	orce and
6. OTHER AC 1 Army Reserve Reserve Coast C	TIVE/GUARD/RESERVE INST e, 1 Navy Reserve, 1 Active Air I Guard, 1 Corp of Engineers, 3 Ar	ALLATIONS WITHIN 15 MI Force Squadron, 1 Marine Corp my National Guard.	LES RADIUS ) Reserve, 1 Ac	ctive Coast G	uard, 1
7. PROJECTS	REQUESTED IN THIS PROGR	AM: FY 2011			
CATEGORY <u>CODE</u>	PROJECT TITLE	<u>SCOPE</u>	COST <u>\$(000)</u>	<u>DESIGN S</u> <u>START</u>	<u>CMPL</u>
141-753 T	FI- Renovate Intel Squadron Facilities	4,023 SM (43,300 SF)	6,000	Jul 08	Sep 10
8. STATE RES Facilities identi- use/expansion.	ERVE FORCES FACILITIES E fied in item 6 have been examine The Board recommendations are	OARD RECOMMENDATION d by the State Reserve Forces F : Unilateral Construction Appr	N Facilities Board roved 29	l for possible ) Jun 09 (Date)	e joint
9. LAND ACQ	UISITION REQUIRED		(Num	None ber of Acres	)
10. PROJECTS	PLANNED IN NEXT FOUR Y	EARS	(		,
CATEGORY <u>CODE</u>	PROJECT TITLE		SCOP	<u>°E</u>	COST <u>\$(000)</u>
171-211	FFI - Establish C-130 FTU		2,220 SM (2	23,900 SF)	6,900
]	R&M Unfunded Requirement: \$	5,108,000			
DD FORM 1390s	s, 1 DEC 76 Previou	us editions may be used.	Pag	ge No. III-27	

1. COMPONENT		FY 20	11 GUAR	D AND RESE	RVE	2. DATE	<del>,</del>
ANG		MIL	LITARY C	ONSTRUCTIO	DN	February	2010
3. INSTALLATION	I AND LC	CATION					
NASHVILLE INTE	RNATION	JAL AIRPOR	Г. NASHV	ULLE. TENN	ESSEE		
11. PERSONNEL S	TRENGT	H AS OF 01 Ju	un 09				
							_
-		PERMA	NENT	CIVII IAN	GUA TOTAL O	<u>RD/RESERV</u>	<u>E</u> Listed
AUTHORIZED	403	<u>52</u>	<u>330</u>	<u>CIVILIAN</u> 21	<u>101AL</u> 0	<u>227</u>	965
ACTUAL	395	60	314	21	1,127	223	904
12. RESERVE UNI	T DATA						
					STI	PENGTH	
UNIT DES	IGNATIO	N			AUTHORIZED	ACTU	AL
118 Airlift	Wing				56	50	
118 Operat	ions Group	) . ~			8	9	
105 Air Suj	pport Oper	ations Center			175	139	
118 Airlift	Control FI Evacuation	igni 1 Squadron			28 101	14 90	
118 Operat	ions Suppo	ort Flight			21	30	
105 Weathe	er Flight	U			14	12	
118 Mission	n Support	Group			8	6	
118 Civil E	ngineering	g Squadron			93	90	
118 Comm	unication I	flight			34 122	38 134	
118 Logisu	n Support	Flight			46	21	
118 Securit	y Forces S	quadron			74	80	
118 Service	s Flight				0	21	
118 Mainte	nance Gro	up			11	10	
118 Aircraf	t Maintena	ance Squadron			66 11	43	
118 Mainte	nance Sou	adron			186	121	
118 Medica	al Squadro	n			58	56	
118 Studen	t Flight				24	98	
118 ST HQ					$\frac{56}{1100}$	54	
			TOTALS		1,192	1,127	
13. MAJOR EQUIP	PMENT A	ND AIRCRAF	Т				
Т١	<b>PE</b>			AUTH	IORIZED A	SSIGNED	
C-130H Aircraft				<u></u>	12	11	
Support Equipment					153	153	
Vehicle Equivalents					241	208	
Number of Vehicles					102	98	
14 OUTSTANDING	G POLLU	TION AND SA	AFETY(OS	HA) DEFICIE	ENCIES FY 2011		
CATEGORY					CST	DESIG	N STATUS
<u>CODE</u>	<u>PROJE</u>	<u>CT TITLE</u>		<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	CMPL
NONE							
DD FORM 1390s. 1 F	DEC 76	Pres	vious editio	ons may be use	d.	Page No. III-	28
				.,			

### DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2011

**SECTION IV** 

## FUTURE YEARS DEFENSE PROGRAM (FYDP)

FISCAL YEAR LISTING

# AIR NATIONAL GUARD FUTURE YEARS DEFENSE PROGRAM (FYDP)

Footprint	Existing	New	New	New	Existing	New	New	New	New	New		1	1		New	Existing	Existing	New	New	New	Existing			1		
Explanation of Changes	New			Cost increase	Accelerated from FY14	New	New	New	New	New		Cost decrease (RMD 702)	Cost decrease (RMD 702)		Accelerated from FY15; Cost increase	New	Deferred from FY12; Cost decrease		New	Accelerated from FY14; Cost increase			Cost decrease (RMD 702)	Cost decrease (RMD 702)		
Change from FY10 PB	0	0	0	2,000	0	0	0	0	0	0		(296)	(297)		256	0	(400)	0	0	156	0		(205)	(205)		
Budget Amount (\$000)	6,923	19,800	12,530	7,000	6,000	6,400	6,600	10,000	6,500	4,400	86,153	2,544	3,153	91,850	4,756	9,600	11,200	7,000	5,700	2,656	6,900	47,812	2,622	1,993	52,427	
Facility Category Code	171-450	171-212	113-321	218-712	211-111	141-753	211-152	171-212	171-211	851-147		-	-		730-839	211-179	211-157	171-875	211-179	141-786	171-211		I	-		
Program Element	52276F	51721F	51721F	52276F	52276F	51138F	51138F	51138F	51138F	52276F		52276F	52276F		52276F	51138F	52276F	51721F	51138F	52276F	54332F		52276F	52276F		
Project Title	Medical Training and Security Forces Complex	TFI - F-22 Flight Simulator Facility	TH - F-22 Combat Aircraft Parking Apron	ASE, GP Shops & Weapons Release Facilities	Add To Aircraft Maintenance Hangar	TH - C-27 Conversion - Construct Squad Ops	TH - C-27 Conversion - Add to MX Shops	TH - C-27 Training Facility	TH - C-27 Conversion	Force Protection Measures- Relocate Hobbs Road	TOTAL MAJOR CONSTRUCTION	Unspecified Minor Construction	Planning and Design	GRAND TOTAL FY12 MILCON	Force Protection Measures - Relocate Main Gate	TH - C-27 Conversion	C-130 Aircraft Maintenance Shops	TH - F-22 Weapons Load Crew Training Facility	TH - C-27 Conversion	Deployment Processing Facility	TH - Establish C-130 FTU	TOTAL MAJOR CONSTRUCTION	Unspecified Minor Construction	Planning and Design	GRAND TOTAL FY13 MILCON	
State	CA	IH	IH	NI	MA	dΜ	dΜ	TBD	НО	NL		-	-		CA	CT	DE	IH	IM	НО	NI		-			
Installation	Fresno Yosemite IAP	Hickam AFB	Hickam AFB	Fort Wayne IAP	Barnes Municipal Airport	Martin State Airport	Martin State Airport	IBD	Mansfield MAP	Mcghee -Tyson Airport		Various Locations	Various Locations		Moffett Federal Airfield	Bradley IAP	New Castle County Airport	Hickam AFB	W. K. Kellogg Airport	Rickenbacker IAP	Nashville IAP		Various Locations	Various Locations		
Project Number	HAYW019150	KNMD069212	KNMD069216	ATQZ069005	AXQD059003	160660SMI4	PJMS099092	120680AAA	PBXP089074	PSXE069050		-	-		QMSN099051	CEKT089028	JLWS069156	KNMD069213	MBMV089025	NLZG052101	BKTZ089013			-		
Nddy	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830		3830	3830		3830	3830	3830	3830	3830	3830	3830		3830	3830		
FY	12	12	12	12	12	12	12	12	12	12		12	12		13	13	13	13	13	13	13		13	13		
MAJCOM	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG		ANG	ANG		ANG	ANG	ANG	ANG	ANG	ANG	ANG		ANG	ANG		

# AIR NATIONAL GUARD FUTURE YEARS DEFENSE PROGRAM (FYDP)

Footprint	Existing	New	Existing	Existing	New	New	New	New	Existing	New		:			Existing	New	Existing	New	New	New	New	Existing	Existing	New	New	New	Existing	New
Explanation of Changes		New	Accelerated from FY15	New	Deferred from FY13	Deferred from FY12; Cost increase	Deferred from FY11	New	Accelerated from FY15; Cost decrease	Deferred from FY12; Cost increase		Cost decrease (RMD 702)	Cost decrease (RMD 702)		Deferred from FY13	Deferred from FY13	New		New	Cost increase	Cost increase	Cost increase	New	New	Cost increase	New		Cost increase
Change from FY10 PB	0	0	0	0	248	300	0	0	(300)	2,580		(386)	(387)		0	300	0	0	0	200	4,100	100	0	0	699	0	0	400
Budget Amount (\$000)	6,500	10,000	9,700	7,800	8,248	8,800	8,400	1,000	6,700	9,000	76,148	1,614	1,643	79,405	7,500	10,700	4,000	2,000	4,700	1,950	11,200	7,200	10,000	000'6	10,469	7,700	8,500	8,000
Facility Category Code	131-111	171-472	141-753	610-285	215-552	211-179	722-351	218-712	171-445	217-713		1	I		141-753	211-179	112-211	219-946	211-159	730-835	442-758	130-142	725-517	171-445	610-285	730-835	141-753	171-445
Program Element	52276F	52276F	52276F	52672F	52276F	52276F	52276F	52276F	52276F	52276F		52276F	52276F		52276F	52276F	52276F	52276F	52276F	52276F	52276F	52276F	52276F	52276F	52276F	52276F	52276F	52276F
Project Title	Add to and Alter Communications Facility	Range Training Support Facilities	Replace Squadron Operations Facility	TH -cNAF Beddown	Load Crew Training and Weapon Release Shops	Fuel Cell and Corrosion Control Hangar	Diming Hall and Services Facility	Aircraft Support Equipment Storage	Replace Ops and Training	Aircraft Maintenance Shops	TOTAL MAJOR CONSTRUCTION	Unspecified Minor Construction	Planning and Design	GRAND TOTAL FY14 MILCON	TH - Replace Squadron Operations Facility	C-130 Fuel Cell/Corrosion Control Hangar	Upgrade Taxiway Juliet and lima	DRBS Storage Facility	Corrosion Control Hangar	Add to/Alter Security Police Facility	TFI - Contingency Response Group (CRG) Facility	Add to and Alter Fire Crash and Rescue Station	Replace Troop Training Quarters	Replace Operations and Training Facility	TFI - cNAF Beddown Phase I	Security Forces and Medical Training	Replace Squadron Operations Facilities	Replace Operational and Training Facility
State	AK	KS	ΓV	MA	MN	ſN	ſŊ	НО	SC	SD		:	:		ΥΓ	AR	C	GU	IA	IA	КУ	ME	IM	IM	MS	MS	NC	QN
Installation	Eielson AFB	Smoky Hill Range	New Orleans NAS	Dtis ANGB	Duluth IAP	Atlantic City IAP	Atlantic City IAP	Rickenbacker	McEntire Joint National Guard Base	Joe Foss Field		Various Locations	Various Locations		Montgomery Regional Airport	Little Rock AFB	Buckley AFB	Anderson AFB	Des Moines IAP	Sioux Gateway Airport/Col Bud Day Field	Louisville IAP	Bangor IAP	Alpena County Regional Airport	W. K. Kellogg Airport	Key Field	Jackson IAP	Charlotte - Douglas IAP	Hector Field
Project Number	FTQW059901	VUBV109002	RQLH079073 1	SPBN079047	FMKM089018 1	AQRC059093	AQRC069222	NLZG069111 1	PSTE009070	LUXC099042		1	1		FAKZ059173 1	KNKAK909718	CRWU069200 1	AJJY099016	FFAN049064	VSSB069014	WEAS079054	FKNN059220	TDVG049136	MBMV109016	MDVL069177	LRXQ989041	FJRP089066 0	KKGA069009 1
APPN 1	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830		3830	3830		3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830
FY	14	14	14	14	14	14	14	14	14	14		14	14		15	15	15	15	15	15	15	15	15	15	15	15	15	15
MAJCOM	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG		ANG	ANG		ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ÐNV	ANG	ANG	ANG	ANG	ÐNV

# AIR NATIONAL GUARD FUTURE YEARS DEFENSE PROGRAM (FYDP)

Footprint	New	Existing	New	New	New	Existing	Existing	New	New	New	New	Existing		-	I	
Explanation of Changes	New	New	Deferred from FY14; Removed Range Complex; Cost decrease	Companion to Security Forces Complex	New	Deferred from FY14	New	New	New	Cost increase	Cost increase	Cost increase		Cost decrease (RMD 702)	Cost decrease (RMD 702)	
Change from FY10 PB	0	0	(4,900)	0	0	0	0	0	0	300	5,500	250		(927)	(927)	
Budget Amount (\$000)	7,900	1,400	7,300	4,900	8,300	7,300	1,800	5,800	8,000	8,300	13,000	6,250	183,169	2,056	395	185,620
Facility Category Code	171-447	214-425	730-835	171-475	130-142	722-351	113-321	730-835	112-211	130-142	851-000	131-111		-	-	
Program Element	52276F	52276F	52276F	52276F	52276F	52276F	52276F	52276F	52276F	52276F	52276F	52276F		52276F	52276F	
Project Title	Air Traffic Control Squadron Facility	Upgrade Vehicle maintenance & comm complex	Replace Security Forces Complex	Indoor Small Arms Range	Replace Fire station	Replace Ops, Training and Dining Hall Facilities	C 130 Parking Apron	Replace security Forces Facility	Widen Taxiway Delta and Arm/Dearm Apron	Replace Fire Station	Force Protection - Relocate Road	Replace Communications Training Facility	TOTAL MAJOR CONSTRUCTION	Unspecified Minor Construction	Planning and Design	GRAND TOTAL FYIS MILCON
State	HN	НО	НО	НО	NO	٧d	RI	XL	TV	IM	٨M	٨M				
Installation	Pease Tradeport	Blue Ash	Toledo Express Airport	Toledo Express Airport	Klamath IAP	Fort Indian Town Gap	Quonset State Airport	Ellington Field	Burlington IAP	General Mitchell IAP	Yeager Airport	Yeager Airport		Various Locations	Various Locations	
Project Number	SZCQ099004	BVGM092001	WYTD029015	800601 GLLA M	KJAQ099058	LKLW099101	TWLR099087	FW1H059016	CURZ059054	HTUV089012	LYBH049066	LYBH009133			I	
I NAPAN	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830		3830	3830	
FY	15	15	15	15	15	15	15	15	15	15	15	15		15	15	
MAJCOM	DNA	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG		ANG	ANG	

### DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2011

**SECTION IV** 

## **FUTURE YEARS DEFENSE PROGRAM (FYDP)**

**STATE/INSTALLATION LISTING**
Footprint	Existing		Existing	New		Existing	New		Existing		Existing	Existing	New	New	New	New		New	New	
Explanation of Changes			Deferred from FY13	Deferred from FY13		New	Accelerated from FY15; Cost increase		New		New	Deferred from FY12; Cost decrease						New	Cost increase	
Change from FY10 PB	0		0	300		0	256		0		0	(400)	0	0	0	0		0	200	
Budget Amount (\$000)	6,500		7,500	10,700		6,923	4,756		4,000		009'6	11,200	2,000	19,800	12,530	000'L		4,700	1,950	
Facility Category Code	111-181		141-753	211-179		171-450	6E8-0EL		112-211		6/1-112	211-127	219-946	171-212	113-321	171-875		211-159	28-022	
Program Element	52276F		52276F	52276F		52276F	52276F		52276F		51138F	52276F	52276F	51721F	51721F	51721F		52276F	52276F	
Project Title	Add to and Alter Communications Facility		TFI - Replace Squadron Operations Facility	C-130 Fuel Cell/Corrosion Control Hangar		Medical Training and Security Forces Complex	Force Protection Measures - Relocate Main Gate		Upgrade Taxiway Juliet and lima		TFI - C-27 Conversion	C-130 Aircraft Maintenance Shops	DRBS Storage Facility	TFI - F-22 Flight Simulator Facility	TFI - F-22 Combat Aircraft Parking Apron	TH - F-22 Weapons Load Crew Training Facility		Corrosion Control Hangar	Add to/Alter Security Police Facility	
State	AK		AL .	AR		CA	CA		co		CT	DE	GU	, IH	. IH	. IH		IA	IA	
Installation	Eielson AFB		Montgomery Regional Airport	Little Rock AFB		Fresno Yosemite IAP	Moffett Federal Airfield		Buckley AFB		Bradley IAP	New Castle County Airport	Anderson AFB	Hickam AFB	Hickam AFB	Hickam AFB		Des Moines IAP	Sioux Gateway Airport/Col Bud Day Field	
Project Number	FTQW059901		FAKZ059173	KNKAK909718		HAYW019150	150660NSMQ		CRWU069200		CEKT089028	JLWS069156	910660YULA	KNMD069212	KNMD069216	KNMD069213		FFAN049064	VSSB069014	
I NATA	3830	<u> </u>	3830	3830	<u> </u>	3830	3830	<u> </u>	3830	<u> </u>	3830	3830	3830	3830	3830	3830	<u> </u>	3830	3830	<u> </u>
FY	14		15	15		12	13		15		13	13	15	12	12	13		15	15	
MAJCOM	ANG		ANG	ANG		ANG	ANG		ANG		ANG	ANG	ANG	ANG	ANG	ANG		ANG	ANG	

Footprint	New	New	New	Existing	Existing	Existing	New	New	Existing	New	Existing	New	New	New	New
Explanation of Changes	Cost increase	New	Cost increase	Accelerated from FY15	Accelerated from FY14	New	New	New	Cost increase	New	New	New	Deferred from FY13	New	Cost increase
Change from FY10 PB	2,000	0	4,100	0	0	0	0	0	100	0	0	0	248	0	669
Budget Amount (\$000)	7,000	10,000	11,200	9,700	6,000	7,800	6,400	6,600	7,200	5,700	10,000	9,000	8,248	7,700	10,469
Facility Category Code	218-712	171-472	442-758	141-753	111-111	610-285	141-753	211-152	130-142	211-179	725-517	171-445	215-552	730-835	610-285
Program Element	52276F	52276F	52276F	52276F	52276F	52672F	51138F	51138F	52276F	51138F	52276F	52276F	52276F	52276F	52276F
Project Tide	ASE, GP Shops & Weapons Release Facilities	Range Training Support Facilities	TH - Contingency Response Group (CRG) Facility	Replace Squadron Operations Facility	Add To Aircraft Maintenance Hangar	TH -cNAF Beddown	TH - C-27 Conversion - Construct Squad Ops	TH - C-27 Conversion - Add to MX Shops	Add to and Alter Fire Crash and Rescue Station	TH - C-27 Conversion	Replace Troop Training Quarters	Replace Operations and Training Facility	Load Crew Training and Weapon Release Shops	Security Forces and Medical Training	TH - cNAF Beddown Phase I
State	N	KS	КY	ΓA	MA	WA.	MD	MD	ME	IM	IM	IM	NM	MS	MS
Installation	Fort Wayne IAP	Smoky Hill Range	Louisville IAP	New Orleans NAS	Bames Municipal Airport	Otis ANGB	Martin State Airport	Martin State Airport	Bangor IAP	W. K. Kellogg Airport	Alpena County Regional Airport	W. K. Kellogg Airport	Duluth IAP	lackson IAP	Key Field
Project Number	ATQZ069005	VUBV109002	WEAS079054	RQLH079073	AXQD059003	SPBN079047	160660SMI4	PJMS099092	FKNN059220	MBMV089025	TDVG049136	MBMV109016	FMKM089018	LRXQ989041	MDVL069177
I NAPAN	3830	3830	3830	3830	3830	3830	3830	3830	 3830	3830	3830	3830	3830	3830	3830
FY	12	14	15	14	12	14	12	12	15	13	15	15	14	15	15
MAJCOM	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG

Footprint	Existing	New	New	New	New	New	New	New	Existing	New	New	New	Existing	Existing	
Explanation of Changes		Cost increase	New	Deferred from FY12; Cost increase	Deferred from FY11	New	Accelerated from FY14; Cost increase	New	New	Deferred from FY14; Removed Range Complex; Cost decrease	Companion to Security Forces Complex	New	Deferred from FY14	New	
Change from FY10 PB	0	400	0	300	0	0	156	0	0	(4,900)	0	0	0	0	
Budget Amount (\$000)	8,500	8,000	7,900	8,800	8,400	6,500	2,656	1,000	1,400	7,300	4,900	8,300	7,300	1,800	
Facility Category Code	141-753	171-445	171-447	211-179	722-351	171-211	141-786	218-712	214-425	730-835	171-475	130-142	722-351	113-321	
Program Element	52276F	52276F	52276F	52276F	52276F	51138F	52276F	52276F	52276F	52276F	52276F	52276F	52276F	52276F	
Project Title	Replace Squadron Operations Facilities	Replace Operational and Training Facility	Air Traffic Control Squadron Facility	Fuel Cell and Corrosion Control Hangar	Dining Hall and Services Facility	TFI - C-27 Conversion	Deployment Processing Facility	Aircraft Support Equipment Storage	Upgrade Vehicle maintenance & comm complex	Replace Security Forces Complex	Indoor Small Arms Range	Replace Fire station	Replace Ops, Training and Dining Hall Facilities	C 130 Parking Apron	
State	NC	ΟN	HN	ſN	ſN	НО	НО	НО	НО	НО	Ю	OR	ΡA	RI	
Installation	Charlotte - Douglas IAP	Hector Field	Pease Tradeport	Atlantic City IAP	Atlantic City IAP	Mansfield MAP	Rickenbacker IAP	Rickenbacker	Blue Ash	Toledo Express Airport	Toledo Express Airport	Klamath IAP	Fort Indian Town Gap	Quonset State Airport	
Project Number	FJRP089066	KKGA069009	SZCQ099004	AQRC059093	AQRC069222	PBXP089074	NLZG052101	NLZG069111	BVGM092001	WYTD029015	. 800601 GLLA M	KJAQ099058	LKLW099101	TWLR099087	
APPN 1	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	
FY	15	15	15	14	14	12	13	14	15	15	15	15	15	15	
MAJCOM	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	

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