

# **AIR NATIONAL GUARD**

**Fiscal Year (FY) 2011  
BUDGET ESTIMATES**



**MILITARY CONSTRUCTION**

**APPROPRIATION 3830**

**PROGRAM YEAR 2011**

**Justification Data Submitted to Congress**

**February 2010**

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

STATE	INSTALLATION AND PROJECT	AUTH/APPN AMOUNT (\$000)	PAGE NO.
<b>ALABAMA</b>	<b>Montgomery Regional Airport (ANG) Base</b>		
	Fuel Cell and Corrosion Control Hangar	<u>7,472</u>	<b>II-1</b>
	Sub-Total Alabama	<b>7,472</b>	
<b>ARIZONA</b>	<b>Davis-Monthan AFB</b>		
	TFI - Predator Full Operational Capability (FOC) - Active Duty Associate	<u>4,650</u>	<b>II-4</b>
	Sub-Total Arizona	<b>4,650</b>	
<b>DELAWARE</b>	<b>New Castle County Airport</b>		
	Joint Forces Operations Center - ANG Share	<u>1,500</u>	<b>II-7</b>
	Sub-Total Delaware	<b>1,500</b>	
<b>FLORIDA</b>	<b>Jacksonville International Airport (IAP)</b>		
	Security Forces Training Facility	<u>6,700</u>	<b>II-10</b>
	Sub-Total Florida	<b>6,700</b>	
<b>GEORGIA</b>	<b>Savannah/Hilton Head International Airport (IAP)</b>		
	Relocate Air Support Operations Squadron (ASOS) Facilities	<u>7,450</u>	<b>II-13</b>
	Sub-Total Georgia	<b>7,450</b>	
<b>HAWAII</b>	<b>Hickam AFB</b>		
	TFI - F-22 Beddown Infrastructure Support	5,950	<b>II-16</b>
	TFI - F-22 Upgrade Munitions Complex	17,250	<b>II-19</b>
	TFI - F-22 Hangar, Squadron Operations and Aircraft Maintenance Unit	<u>48,250</u>	<b>II-22</b>
	Sub-Total Hawaii	<b>71,450</b>	
<b>ILLINOIS</b>	<b>Capital Municipal Airport</b>		
	TFI - cNAF Beddown - Upgrade Facilities	<u>16,700</u>	<b>II-25</b>
	Sub-Total Illinois	<b>16,700</b>	
<b>INDIANA</b>	<b>Hulman Regional Airport</b>		
	TFI - ASOS Beddown - Upgrade Facilities	<u>4,100</u>	<b>II-28</b>
	Sub-Total Indiana	<b>4,100</b>	
<b>MARYLAND</b>	<b>Martin State Airport</b>		
	Replace Operations and Medical Training Facility	<u>11,400</u>	<b>II-31</b>
	Sub-Total Maryland	<b>11,400</b>	
<b>NEW YORK</b>	<b>Fort Drum Military Reservation</b>		
	TFI - Reaper Infrastructure Support	<u>2,500</u>	<b>II-34</b>
	Sub-Total New York	<b>2,500</b>	

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

**NEW MISSION/CURRENT MISSION EXHIBIT  
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MILITARY CONSTRUCTION PROGRAM -- FY 2011**

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

**NEW MISSION/CURRENT MISSION EXHIBIT  
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<b>Stanly County Airport, NC</b>	Upgrade ASOS Facilities	2,000	N
<b>State College ANGS, PA</b>	Add To and Alter AOS Facility	4,100	C
<b>Nashville IAP, TN</b>	TFI- Renovate INTEL Squadron Facilities	5,500	N
	<b>PLANNING AND DESIGN</b>	<b>9,214</b>	
	<b>UNSPECIFIED MINOR CONSTRUCTION</b>	<b>8,000</b>	
	<b>TOTAL ENERGY</b>	<b>0</b>	
	<b>TOTAL ENVIRONMENTAL</b>	<b>0</b>	
	<b>TOTAL NEW MISSION (11)</b>	<b>128,600</b>	
	<b>TOTAL CURRENT MISSION (5)</b>	<b>31,172</b>	
	<b>GRAND TOTAL - FY 2011 REQUEST</b>	<b>176,986</b>	

1. COMPONENT ANG	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE February 2010
3. INSTALLATION AND LOCATION STANLY COUNTY AIRPORT, NORTH CAROLINA		4. PROJECT TITLE UPGRADE ASOS FACILITIES	
5. PROGRAM ELEMENT 52671F	6. CATEGORY CODE 141-753	7. PROJECT NUMBER WEFM089029	8. PROJECT COST(\$000) \$2,000

9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE ASOS FACILITIES	SM	1,022		1,554
ADD TO BUILDING 1	SM	325	2,153	( 700)
ALTER BUILDING 1	SM	186	861	( 160)
CONSTRUCT VEHICLE STORAGE SHED	SM	697	915	( 638)
ANTITERRORISM FORCE PROTECTION	SM	511	22	( 11)
SDD&EPACT (3%FOR LEED CERT/ENERGY CONSERV)	LS			( 45)
SUPPORTING FACILITIES				230
UTILITIES	LS			( 40)
PAVEMENTS	LS			( 45)
SITE IMPROVEMENTS	LS			( 20)
COMMUNICATIONS SUPPORT	LS			( 25)
FIRE PROTECTION SUPPORT	LS			( 100)
SUBTOTAL				1,784
CONTINGENCY (5%)				89
TOTAL CONTRACT COST				1,873
SUPERVISION, INSPECTION AND OVERHEAD (6%)				112
TOTAL REQUEST				1,985
TOTAL REQUEST (ROUNDED)				2,000

10. Description of Proposed Construction: Building Upgrades: Remove/reconfigure partition walls. New walls to be gypsum board on metal studs. Replace interior finishes. Upgrade HVAC systems and add DDC controls. Expand communications infrastructure to meet mission requirements. New construction shall be concrete footing/foundation with pre-engineered metal frame structure and insulated metal wall panels. Metal building roof. Interior and exterior lighting to meet operational security needs and energy conservation measures.  
Air Conditioning: 175 KW.

11. REQUIREMENT: 3,498 SM ADEQUATE: 1,802 SM SUBSTANDARD: 1,347 SM  
PROJECT: Upgrade ASOS Facilities (New Mission)  
REQUIREMENT: Adequate facilities are required for command, administration, storage, training, mission planning, personal equipment storage and maintenance in order to prepare and execute the Air Support Operations Squadron mission. Sufficient command and administration space is required to support 72 tactical air controllers (TACP) and air liaison officers (ALO). Space is required to store and maintain individual field equipment for TACP and ALO personnel. Shop space is required to maintain 24 HMMW vehicles. Sufficient supply storage space is required to store, manage and issue individual equipment and mobility gear. Training space is needed for personnel upgrade training. Briefing and mission planning space is necessary in order to prepare flights and teams for mission execution. Conference space is required for mass flight briefings and administration of unit. Sufficient physical fitness training area is necessary to maintain personnel mission readiness.  
CURRENT SITUATION: Building 1 was originally designed to accommodate other missions and is not conducive to the administration and training required by an ASOS unit. Secure rooms, rest rooms, and administrative areas are undersized for UTA personnel load, impacting daily and UTA effectiveness. The HVAC system is 15 years old and requires updating for efficiency, balance and controls. The interior components throughout the facility are extremely worn and deteriorated. The poor conditions adversely affects the training environment. The facility has only two showers which



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3. INSTALLATION AND LOCATION STANLY COUNTY AIRPORT, NORTH CAROLINA		
5. PROJECT TITLE UPGRADE ASOS FACILITIES		7. PROJECT NUMBER WEFM089029
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		JAN 2010
(e) Date Design Complete		SEP 2010
(f) Type of Design Contract		
(g) Energy Study/Life-Cycle analysis was/will be performed		YES
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		120
(b) All Other Design Costs		60
(c) Total		180
(d) Contract		180
(e) In-House		
(4) Contract Award (Month/Year)		FEB 2011
(5) Construction Start		MAR 2011
(6) Construction Completion		DEC 2011
* 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: Harry W. Washington (301) 836-8767		