Air National Guard FY09 Base Shortfalls*					
\$ in Millions	MilPers	O&M	Equip	Total	
"Essential 10" Equipment		_	\$500.0	\$500.0	
Recruiting & Retention		\$10.8		\$10.8	
Bonuses & Incentives	\$33.1	_		\$33.1	
Sustain Full-Time Support		\$47.3	_	\$47.3	
Total Force Integration		\$94.3	\$3.8	\$98.1	
Rebalancing the Force	\$12.5	\$17.9		\$30.4	
Specialized Mission Training	\$3.7		_	\$3.7	
Air Sovereignty Alert	\$24.9	\$9.5		\$34.4	
Depot Maintenance		\$219.3		\$219.3	
Contractor Logistics Support		\$122.5		\$122.5	
Installation Security	\$41.4	\$58.1		\$99.5	
IT Modernization	_	\$280.1	\$53.2	\$333.3	
Weapons Systems Modernization		_	\$4,000.0	\$4,000.0	
Total	\$115.6	\$859.8	\$4,557.0	\$5,532.4	

"Essential 10" Equipment

Name of Program/Project: "Essential 10" Equipment
Line Item Title:

Identification:	
Procurement P-1 Line Number:	
Appropriation:	
Budget Activity Number:	
EEIC/Subproject:	

Program Description:

Joint Forces HQ Command and Control (\$27.0 million)

- Cell Restoral
- ANG Readiness Center Crisis Action Team
- Joint Incident Site Communications & Interim Satcom Incident Site Command Set (JISC & ISISCS)

Medical (\$33.9 million)

- Expeditionary Medical Support (EMEDS)
- Tamiflu

Communications (\$72.3 million)

- Wireless Internet
- 11 x Cell Phone Restoral
- 11 x Joint Incident Site Communications & Interim Satcom Incident Site Command Set (JISC & ISISCS)
- CITS ITS-Network Modernization

Logistics (\$15.7 million)

- Combat Readiness Training Center Equip
- HLS/HLD Mission Essential Equip
- Single Pallet Expeditionary Field (SPEK) Kitchen Phase IV
- Disaster Response Beddown Kits

Transportation (\$52.1 million)

- P-19, P-22, P-23 Firefighting Vehicles
- Refueling Vehicles

Engineer (\$31.2 million)

- Construction/Heavy Equipment Vehicles (Loaders, Graders, Excavators, Mixers, Backhoes, Dump Trucks and Sweepers)
- Explosive Ordnance Disposal (EOD) IED Equip

Civil Support Teams (Force Protection) (\$21.4 million)

- PJ/STs Medical Treatment Equip
- Hazardous Material Equip
- Fire Fighter Self Contained Breathing Apparatus

- CBRNE Incident Response (Tyvex Suits, Respirators, mortuary affairs)
- Personal Protective Equipment (PPE) for First Responders to WMD

Maintenance (\$13.4 million)

• Standard Asset Tracking System

Security (\$74.5 million)

- Security Forces Body Armor (Vest, Helmets)
- Night Vision Goggles (NVGs)
- Mobility Bag Upgrades
- Weapons Upgrades (Stocks, Racks, Rifles, Storage Cases)

Aviation (\$158.5 million)

- HH-60 Avionics Upgrades
- Pararescue Specialist / Special Tactics Survivability Upgrades
- Special Tactics (STS) Modernization Suite
- C-21A Avionics Upgrades
- HC-130 Data Link
- HC/MC-130 LARS V-12
- C-130 CDU, NVIS, Radar, Propulsion Upgrades
- RC-26 Avionics, BLOS, CNS/ATM Upgrades

FY08 Appropriation: (\$ in millions) \$ 0

FY09 Validated Requirement: FY09 Budget Amount :

\$500,000,000

\$0

The FY09 Unfunded Requirement:

\$500,000,000

Account	BA / Line	Name of Project	Requirement
		-	Unfunded
		JOINT FORCES HQ	\$27,000,000
		MEDICAL	\$33,900,000
		COMMUNICATIONS	\$72,300,000
		LOGISTICS	\$15,700,000
		TRANSPORTATION	\$52,100,000
		ENGINEER	\$31,200,000
		CIVIL SUPPORT TEAMS	\$21,400,000
		(Force Protection)	
	_	MAINTENANCE	\$13,400,000
		SECURITY	\$74,500,000
		AVIATION	\$158,500,000

Recruiting and Retention

Identification:

Procurement P-1 Line Number: $\underline{N/A}$ O&M / Mil Pers Appropriation: $\underline{3840}$

Budget Activity Number: 04

EEIC/Subproject: 592

Program Description (Unfunded Justification):

Funding for Recruiting and Retention is vital to promoting and exceeding end strength for officer and enlisted corps recruiting programs. Current program shortfalls include the following:

\$2M –Guard Recruiting Assistance Program

\$2M – Storefronts/Satellite Offices

\$2M – Recruiting Administrative Assistants contract with SERCO, Inc.

\$4.8M - Advertising Campaign (Web Site, Live Chat, Call Center, Conventions, additional Field Distribution for local campaign)

These programs have far exceed our expectations, to include increased walk-in traffic to recruiting storefront offices that are in the local communities and recruiting admin assistants who keep everything in the office going while the recruiting staff are out in the local communities with activities and events throughout the year. Each of these programs are the heartbeat of our business for enlisted and officer programs.

The risk to the nation leaving this portion of the requirement unfunded will result in failure to meet end strength for the third year in a row. A continued momentum of the Air Guard branding effort is necessary at the national level. The impact on individual members of the Air Guard is the above programs going unfunded and having to be terminated to the detriment of increased accessions and needed to achieve end strength.

The effect of providing additional funds would be continue to maximize the success to make end strength through methods proven to increase enlisted and officer accessions as well as cultivate recruiting territories for future years recruiting efforts.

FY08 Appropriation: \$23,304,000

 FY09 Validated Requirement:
 \$31,628,000

 FY09 Budget Amount:
 \$20,828,000

 The FY09 Unfunded Requirement:
 \$10,800,000

Account	BA / Line	Name of Project	Requirement
			Unfunded
OM, ANG	04/592	Advertising	\$ 8,800,000
OM, ANG	04/592	Recruiting Administrative Assistants	\$ 2,000,000
		Contract Support	

Bonuses and Incentives

Identification:

Procurement P-1 Line Number N/A
O&M /Mil Pers Appropriation: 3850

Budget Activity Number: <u>01</u>

EEIC/Subproject: 543

Program Description: Funding for ANG incentive programs is essential. The ANG Incentive Program is designed as a motivational tool to support manning requirements in units with skills that are severely or chronically undermanned. It is also encourages the reenlistment of qualified and experienced personnel. The ANG saves an average of \$62,000 in training costs for every qualified member we retain. The risk to the nation of leaving this portion of the requirement unfunded is that without proper funding the ANG will not be able to compete with other branches of the service to attract the numbers of accessions needed, which will affect mission readiness. The impact on individual members of the National Guard is that without any reenlistment incentives, we will continue to see an increase in losses at the 4 to 6 year mark. With an aged force (55% of our personnel have 12 or more years of service) the ANG needs to retain airmen to grow and maintain the mid-level ranks. In addition, the Iraq war is starting to negatively impact the Non-Prior Service recruiting market, as some non-military friendly influencers (parents, teachers, and counselors) are starting to play a larger role. Enlistment incentives offer a means to overcome some of those objections. The bottom-line effect of providing additional funds would be the ability to increase our manning in critical wartime skills.

FY08 Appropriation: \$94,608,000

 FY09 Validated Requirement:
 \$105,503,000

 FY09 Budget Amount:
 \$72,438,000

The FY09 Unfunded Requirement:

Account	BA / Line	Name of Project	Requirement Unfunded
MP,ANG	01/543	Recruiting Bonuses	\$33.1 M

\$ 33,065,000

Details of Unfunded Requirement for Bonuses and Incentives (\$33.1 million, total)

- Non-Prior Service Bonus (FY07 Utilization 164%) Current program pays up to \$20,000 for a three or six year commitment.
 - o Required Amount: \$33.6M
 - o President's Budget Request: \$20.2M
 - o Unfunded Amount: \$13.4M
- **Prior Service Bonus** (FY06 Utilization 105%) Current program pays up to \$15,000 for a three or six year commitment. NDAA also authorizes prior military with a Military Service Obligation (MSO) to be eligible for the bonus.

o Required Amount: \$9.4M

o President's Budget Request: \$3.8M

o Unfunded amount: \$5.6M

• **Reenlistment Bonus** (FY06 Utilization 116%) Current program pays up to \$15,000 for a three or six year commitment.

o Required Amount: \$28.6M

o President's Budget Request: \$18.9M

o Unfunded amount: \$9.7M

• **Affiliation Bonus** (FY06 utilization 110%) Current program pays up to \$15,000 for a three or six year commitment.

o Required Amount: \$2.3M

o President's Budget Request: \$0.2

o Unfunded amount: \$2.1M

• Enlisted Student Loan Repayment Program (FY06 utilization 102%) Current program pays up to \$20,000 max, NTE \$3.5 per year for a six year commitment.

o Required Amount: \$19.5M

o President's Budget Request: \$19.5

o Unfunded amount: \$0

• Officer Bonus (New Incentive) current program pays total of a \$6,000 lump sum payment.

o Required Amount: \$.6M

o President's Budget Request: \$0

o Unfunded amount: \$.6M

• **Health Professional Cash Bonus**: current program pays total of \$50,000, projected new authority is \$75,000

o Required Amount: \$6.1M

o President's Budget Request: \$4.9M

o Unfunded amount: \$1.2M

• Chaplin Student Loan Repayment Program (New Incentive) current program pays total of \$20,000 in student loan repayment for a three year commitment.

o Required Amount: \$.5M

o President's Budget Request: \$0

o Unfunded amount: \$.5M

Sustain Full-Time Support (Military Technicians)

<u>Line Item Title</u>: Military Technicians

Identification:

Procurement P-1 Line Number: N/A O&M / Mil Pers Appropriation: 3840 Budget Activity Number: 01/04

EEIC/Subproject: 392

Program Description:

The Air National Guard requires an additional \$47.3M in order to fully fund the 24,276 Military Technician and AF Civilian workyear projection for FY2009. Driving this requirement is the continued increase in actual average cost per workyear which ended FY2007 at \$78,025. ANG has seen an increase in the actual workyear rate since FY 2001. Reasons can be linked to special salary rates (i.e. Air Traffic Controllers, Firefighters) and specialized manpower in career fields such as C4 Systems, Information Operations, Security Forces, Aerospace Rescue/Recovery, and aircraft maintainers. ANG is currently estimating a workyear rate of \$82,912 for FY 2009 which takes into account pay raises. This equates to -570 unfunded workyears for FY2009 and a workyear reduction of 6.5 at each of the 88 ANG flying/associate units. Since most ANG technicians are in maintenance positions, this would result in reduced aircraft availability as maintenance crews would not be available to do required maintenance work on aircraft, further compounding the ANG's already degrading readiness.

FY08 Appropriation: \$1,821,991,000

FY09 Validated Requirement: \$1,944,646,000 **FY09 Budget Amount:** \$1,897,375,000

The FY09 Unfunded Requirement: \$47,271,000

Account	BA / Line	Name of Project	Requirement
			Unfunded
OM,ANG	01&04	Military Technician/Civilian Pay Unfunded	\$ 47,271,000

Total Force Integration (Operations & Maintenance/Other Procurement Air Force Equipment)

<u>Line Item Title</u>: Operations & Maintenance/Other Procurement Air Force Equipment

Identification:

Procurement P-1 Line Number: ____

O&M Appropriation: <u>3840</u> Budget Activity Number: <u>01</u> EEIC/Subproject: <u>Multiple</u>

Program Description: Funding of operations and maintenance activities for Total Force Integration initiatives is essential to the future force. Total Force Integration (TFI) moves the Air National Guard out of a Cold War construct and into new missions, such as the Predator Unmanned Aerial Systems (UAS), Distributed Ground Control Stations (DCGS), Intelligence, and Air Support Operations Squadrons. It provides the resources to construct new types of associations between Active Duty Air Force and Air Force Reserves units to meet the military and defense needs of the nation. Funding for this project will provide flying hours, maintenance, and communications infrastructure for new TFI flying missions, allows the Air National Guard to make changes to existing facilities to accommodate new missions, and provide the necessary means to convert ANG units from their legacy missions into new ones.

Other procurement Air Force Funding will provide equipment necessary to bring an ANG unit to full operational capability in a timely manner to support intelligence operations of the National Air and Space Intelligence Center. This unit will form a classic association with Wright Patterson Air Force Base's Measurement and Signature Intelligence (MASINT) and Foreign Material Exploitation units; allowing this unit to provide reachback support to SENTINEL.

The risk to the nation of leaving this portion of the requirement unfunded is significant. Many of these TFI initiatives will provide significant support to the Global War on Terrorism by bringing enhanced combat capabilities to Combatant Commanders, whose forces are on the front lines. Without this funding the establishment of new missions may be delayed, reducing the combat capability available for military actions and defense of the nation. Individual members of the Air National Guard will be impacted as well. The Air National Guard strives to provide a smooth transition for converting units, as they will divest their old mission and begin implementing and training for the new one. Delaying the implementation could place members of the Air National Guard in a position where they no longer have any mission, unable to participate in their new mission due to inadequate facilities, lack of equipment, or funds to conduct training. The effect of providing additional funds would be to allow a smooth transition for units converting to new missions, allowing them to become fully operational sooner and able to provide maximum support to the defense of the nation. It will also enable the ANG to retain skilled personnel by ensuring that they have the ability to train and perform their duties within their specialty at their home station.

FY08 Appropriation: \$0

FY09 Validated Requirement: \$98,085,000

FY09 Budget Amount: \$0

The FY09 Unfunded Requirement:

\$98,085,000

Account	BA / Line	Name of Project	Requirement Unfunded
OM,ANG	01	Air National Guard C-21 (bridge) unit at Bradley CT	\$ 7,200,000
OM,ANG	01	Air National Guard C-21 (bridge) unit at Battle Creek MI, Martin State MD, and Mansfield OH	\$53,900,000
OM,ANG	01	Air National Guard classic assoc C-17 unit at Elmendorf AK	\$18,485,000
OM,ANG	01	Robust Air National Guard Classic Assn on DGS-2 at Beale AFB	\$ 300,000
OM,ANG	01	Robust Air National Guard DGS at McConnell AFB	\$ 500,000
OM,ANG	01	Air National Guard C-21 (bridge) unit at Fargo ND	\$ 7,200,000
OM,ANG	01	Air National Guard Distributed Ground Station (DGS) in MA	\$ 1,400,000
OM,ANG	01	Air National Guard classic associate unit for Measurement and Signature Intelligence supporting National Air and Space Intelligence Center at WPAFB OH	\$ 5,300,000
OP,AF		Air National Guard classic associate unit for Measurement and Signature Intelligence supporting National Air and Space Intelligence Center at WPAFB OH	\$ 3,800,000

Rebalancing the Force (Involuntary Separation Pay – AGRs)

Line Item Title: Involuntary Separation Pay – AGRs

Identification:

Procurement P-1 Line Number: N/A O&M /Mil Pers Appropriation: 3850

Budget Activity Number: <u>01</u> EEIC/Subproject: <u>54340/54341</u>

Program Description: Current statutes authorize separation pay to members who are involuntarily separated and have completed at least six but fewer than 20 years of active duty, IAW 10 U.S.C. 1174c. The effects of BRAC, TFI, and the Reset will displace many individuals who will neither qualify to retrain (ASVAB scores, security clearances, etc.) or simply do not have a position to retrain into – while the ANG is not losing national end strength, some states are losing positions to other states. The ANG will be losing 909 AGR positions (764 enlisted and 145 officers) in FY09. The ANG cannot PCS members between states, and states gaining strength are not obligated to access members from losing states. If a member's position is eliminated within their state, and they cannot be placed anywhere else, they may be eligible for ISP. The risk to the nation of leaving this portion of the requirement unfunded is that the ANG will be involuntarily separating members with no severance pay. Some of these individuals have honorably served in conflicts ranging from Desert Storm, Bosnia, Kosovo, and GWOT operations in Afghanistan and Iraq. The nation owes these members compensation for years of dedicated service in harms' way. This will also undoubtedly have a significantly negative impact on future recruiting and retention efforts of the ANG. The following was used to calculate this unfunded requirement:

- A 25% take rate for this separation pay
- \$45,000 average pay for enlisted members
- \$107,000 average pay for officer members
- 25% of 764 = 191 x \$45,000 = \$8,595,000
- 25% of 145 = 36.25 x \$107,000 = $\frac{$3,878,000}{$}$ Total = \$12,500,000

FY08 Appropriation: \$0

FY09 Validated Requirement: \$ 12,500,000 FY09 Budget Amount: \$ 0

The FY09 Unfunded Requirement: \$12,500,000

Account	BA / Line	Name of Project	Requirement
			Unfunded
MP,ANG	01	BRAC, TFI, Reset SEPARATION COSTS	\$ 12,500,000

Rebalancing the Force

(Technician Separation Pay Buyout)

<u>Line Item Title</u>: Technician Separation Pay Buyout

Identification:

Procurement P-1 Line Number: N/A = N/A O&M /Mil Pers Appropriation: N/A = N/A

Budget Activity Number: <u>01</u>

EEIC/Subproject: 384

Program Description: Funding for non-BRAC related costs is essential. When reorganization and/or realignment are anticipated within the workforce, actions must be accomplished in order to avoid the necessity for a reduction in force and to keep the new mission and functions operational. The utilization of separation buyouts allow the local Commander to reduce the number of personnel employed or to restructure the workforce to meet mission objectives without reducing the overall number of personnel. Workforce buyouts may be offered at any time and location where the acceptance of an incentive will avoid the possibility of reduction in force. The buyout payment is equivalent to a technician's severance pay entitlement up to a maximum of \$25,000. The total number of projected technicians electing a buyout is 204. Historically, this figure has increased 2% each year since FY 05, requiring more funds to be allocated for buyout purposes for technicians. The risk to the nation of leaving this portion of the requirement unfunded impacts on-going and new mission requirements. The effect of providing additional funds would prevent the use of reduction in force and allow the mission of the Guard to remain stable as we continue to assist the military abroad and provide for security at home. The nation owes these members compensation for years of dedicated service in harms way. Not funding this would have a significantly negative impact on future recruiting and retention efforts of the Air National Guard.

FY08 Appropriation: \$0

FY09 Validated Requirement: \$5,300,000 FY09 Budget Amount: \$0

The FY09 Unfunded Requirement: \$5,300,000

Account	BA / Line	Name of Project	Requirement
			Unfunded
OM,ANG	1	Technician Separation Buyout Costs	\$5,300,000

Rebalancing the Force

(Technician Permanent Change of Station)

<u>Line Item Title</u>: Technician Permanent Change of Station

Identification:

Procurement P-1 Line Number: N/A = 0 /Mil Pers Appropriation: N/A = 0

Budget Activity Number: <u>01</u>

EEIC/Subproject: 395

Program Description: Funding for technician permanent change of station (PCS) cost is essential. Technicians who are required to move or relocate to continue federal civilian employment or relocate to a different duty station location become eligible for several Permanent change of station (PCS) entitlements such as house hunting, resident transactions, employee and family travel, household and personal goods, and temporary quarters. Regulatory requirements indicate travel and transportation expenses of a technician, affected by transfer or function or reduction in force, his/her dependents and movement of their Headquarters and Headquarters Group, will be allowed and any necessary costs for the transfers are paid by the losing activity. Due to the number of Air National Guard units' mission Air National Guard, the costs of PCS will exceed \$12 million. This payout is towering to the Air National Guard units who are undergoing transformation and mission changes. The risk to the nation of leaving this portion of PCS requirement unfunded forces technicians not to accept a move between States to support a new mission/mission change. This could mean the loss of a highly trained and especially skilled individual. Further, providing additional funds would be in the best interest of the Government and allows for continuity of the National Guard operations. Forcing individuals to separate would undoubtedly have a significantly negative impact on morale and future recruiting of the ANG.

FY08 Appropriation: \$0

FY09 Validated Requirement(\$,000s): \$ 12,617,500 **FY09 Budget Amount (\$,000s):** \$ 0

<u>FY09 Budget Amount (\$,000s)</u>: \$ 0

The FY09 Unfunded Requirement: \$ 12,617,500

Account	BA / Line	Name of Project	Requirement Unfunded
OM,ANG	01	Technician PCS	\$12,617,500

Specialized Mission Training

(Professional/Skill Program Training, ANG)

<u>Line Item Title</u>: 58152F - Professional/Skill Prog Tng (AIR NATIONAL GUARD)

Identification:

Procurement P-1 Line Number: $\underline{N/A}$ O&M / Mil Pers Appropriation: $\underline{3850}$

Budget Activity Number: <u>01</u> EEIC/Subproject: <u>54155</u>

Program Description: Funding for ANG school training is essential and directly impacts ANG readiness. The FY09 school training budget and program is insufficient to meet the training requirement of the ANG. Funding the school training program is required to meet not only the normal sustainment training, but, the additional requirement resulting from Total Force Integration and mission changes resulting from BRAC. The only options available to the ANG would be to cut training in certain areas and reduce the overall quality of training. The impact on individual members of the National Guard is a further degradation to readiness, decreased morale and an inability to meet wartime requirements. The effect of providing additional funds would be to meet all the training needs in FY09 and not continue to push training into future years.

FY08 Appropriation: \$ 193,778,000

 FY09 Validated Requirement:
 \$197,902,000

 FY09 Budget Amount:
 \$194,161,000

The FY09 Unfunded Requirement:

\$ 3,741,000

Account	BA / Line	Name of Project	Requirement Unfunded
MP,ANG	01	School Training	\$3,741,000

Air Sovereignty Alert (ASA)

(Homeland Air Defense – Air Sovereignty Alert)

<u>Line Item Title</u>: Homeland Air Defense Command and Control – Air Sovereignty Alert (ASA)

Identification:

Procurement P-1 Line Number: <u>N/A</u> O&M /Mil Pers Appropriation: 3840/3850

Budget Activity Number: <u>01</u>

EEIC/Subproject: <u>54301,54311,409</u>

Program Description: Funding for Air Sovereignty Alert and Homeland Air Defense is essential. Homeland Air Defense enables NORAD-USNORTHCOM to prevent an airborne attack on the continental United States. Homeland Air Defense -- ASA ensures protection of the nation from further terrorist aggression. The risk to the nation of leaving this portion of the requirement unfunded is high. The effect of not providing additional funds would be USNORTHCOM's air sovereignty alert assets will lose Full Operational Capability. ASA-tasked units will be unable to support USAF-mandated 24/7 Air Sovereignty levels which would result in mission failure. This funding would prevent mission failure and stop 155 personnel billets from reverting to pre-9/11 status by converting 155 enlisted part-time or drill status guardsmen to full-time active guard reserve status, enabling units to meet Air Sovereignty requirements.

FY08 Appropriation: \$ 0

FY09 Validated Requirement: \$25,600,000 FY09 Budget Amount: \$0

The FY09 Unfunded Requirement: \$25,600,000

Account	BA / Line	Name of Project	Requirement Unfunded
MP,ANG	01	ASA Pay and Allowance	\$24,400,000
OM,ANG	01	ASA Support Costs	\$700,000
MERHC,ANG	01	ASA Medicare Eligible Retiree	\$500,000
		Health Fund Contribution	1

Air Sovereignty Alert (ASA)

(Homeland Air Defense Command and Control – Air Sovereignty Alert)

Name of Program/Project: Air Sovereignty Alert

<u>Line Item Title</u>: Homeland Air Defense Command and Control (C2)

Identification:

Procurement P-1 Line Number: N/A O&M /Mil Pers Appropriation: 3840/3850

Budget Activity Number: <u>01</u> EEIC/Subproject: <u>39216</u>

Program Description: Funding for Homeland Air Defense Command and Control is essential. Homeland Air Defense C2 enables NORAD-USNORTHCOM to smoothly execute the full spectrum of joint air and space domain_Homeland Defense and Defense Support to Civil Authorities (DSCA) missions. It provides C2 of all joint air and space assets ensuring air sovereignty and air defense of the continental United States and provision of full spectrum USAF capabilities to NORAD-USNORTHCOM. Homeland Air Defense C2 ensures protection of the nation from further terrorist aggression, and provides daily DSCA support and enhanced capabilities in the event of man-made or natural disasters. The effect of not providing additional funds would be USNORTHCOM's JCS-assigned air component headquarters (1AF-AFNORTH) will remain underfunded to Full Operational Capability (FOC) requirements and stressed to support 24/7 operations through the long-term. After plus-ups from PDM II and PBD 705 sponsored by NORTHCOM, 1AF will be manned at 90%, short 104 Title 5 civilians.

FY08 Appropriation: \$ 00,000,000

FY09 Validated Requirement(\$,000s): \$ 8,800,000 **FY09 Budget Amount (\$,000s):** \$ 00,000,000

The FY09 Unfunded Requirement: \$8,800,000

Account	BA / Line	Name of Project	Requirement Unfunded
OM, ANG	01	Command & Control (C2) Personnel & Support Costs	\$8,800,000

Depot Maintenance

Identification:

Procurement P-1 Line Number: N/A

O&M Appropriation: <u>3840</u> Budget Activity Number: <u>01</u>

EEIC/Subproject: 54XXX & 56XXX

Program Description: Funding for Depot Maintenance (DPEM) is essential because it's the method by which we maintain our programmed depot maintenance for our aircraft, engines, other maintenance (i.e., vehicle overhauls, hush house repairs), ABM (i.e., PMEL – calibration of tools), and storage of designated aircraft into AMARG. The risk to the nation of leaving this portion of the requirement unfunded is degraded ANG readiness and decreased support to our warfighter and the warfighting mission. The effect of providing additional funds would be stopping the deferrals of the following PDM aircraft: 5 C-130 @ \$18.7487M, 6 KC-135 @ \$53.978M, 3 C-5 @ \$63.183M, 2 F-15 @ \$7.109M, \$12.43M for other non-PDM aircraft (F-16, A-10, and HH-60) and \$15.031M for Exchangeables along with stopping the deferrals of the following engines: 3 TF39 EWO1 C-5 @ \$10.180M, 11 T56-15 C-130 @ \$9.541M and 13 F110-100C F-15/F-16 @ \$29.109M. If these requirements were to be deferred, it would cause an increased depot backlog and decrease in aircraft availability resulting in potential grounding of aircraft. Although there are possibilities of a waiver or extension in PDM cycles, there is an additional cost for extension inspections. If the Guard continues to defer requirements into the out-years, this will create a future bow-wave of un-met requirements. Deferrals to the KC135/C130 fleets in particular will result in potential grounding of aircraft currently being extensively utilized in support of the war efforts.

FY08 Appropriation: \$ 593,061,000

 FY09 Validated Requirement:
 \$ 910,508,000

 FY09 Budget Amount:
 \$ 691,199,000

The FY09 Unfunded Requirement: \$219,309,000

Account	BA / Line	Name of Project	Requirement Unfunded
OM,ANG	01	DPEM	\$219,309,000

Contractor Logistics Support

Identification:

Procurement P-1 Line Number: N/A

O&M Appropriation: <u>3840</u> Budget Activity Number: <u>01</u> EEIC/Subproject: <u>578XX</u>

Program Description: Funding for the CLS Program is essential because it's viewed as a contractual agreement; thus, a "must pay" bill or "mandatory spending." The risk to the nation of leaving this portion of the requirement unfunded is the Guard could potentially be in default of some of its contractual agreements. Failing to meet contractual obligations with civilian contractors could result in a negative perception of the government and Air National Guard and would result in reduced support to our warfigher and the warfighting mission. In most instances, termination fees far exceed the unfunded requirement so it would be prudent to ensure availability of funds. Additionally, all future contracts are to have funding flexibility — although having this flexibility will increase the cost of the contract since the contractor is taking more risk. This issue is one of many tied to a declining overall ANG readiness picture.

FY08 Appropriation: *\$ 340,446,000

FY09 Validated Requirement: *\$462,186,000

FY09 Budget Amount: *\$339,708,000

The FY09 Unfunded Requirement: *\$122,478,000

Account	BA / Line	Name of Project	Requirement Unfunded
OM,ANG	01	CLS Program	\$122,478,000

^{*}Security Forces not included in figures.

Installation Security

(Security Forces Manpower)

Line Item Title: Security Forces Manpower

Identification:

Procurement P-1 Line Number: N/A O&M /Mil Pers Appropriation: 3840/3850

Budget Activity Number: <u>01</u> EEIC/Subproject: <u>57010/543</u>

<u>Program Description</u>: Funding for SF Manpower is essential. SF personnel provide the full time protection of AF and ANG resources. Besides the DoD and AFI requirements to provide a certain level of protection for these resources, without security the ability of the ANG to perform its mission is negatively impacted. The increase in funding will support an additional 59 full-time AGR officers, 304 full-time AGR enlisted, and approximately 700 security contracted personnel. The risk to the nation of leaving this portion of the requirement unfunded is high. The impact on individual members of the National Guard is serious since it affects the workload of the existing force and could put our members at additional risk. The effect of providing additional funds would be to provide the right amount of personnel for Security Forces to provide needed force and installation protection.

FY08 Appropriation: 3850 \$ 202,116,000

3840 \$ 66,159,000

FY09 Validated Requirement(\$,000s):	\$ 375,575,000
FY09 Budget Amount (\$,000s): 3850	\$ 207,709,000
3840	\$ 78,341,000

The FY09 Unfunded Requirement:

\$89,525,000

Account	BA /	Name of Project	Requirement Unfunded
	Line		
OM,ANG	01	Security Contracted Personnel	\$ 48,188,000
MP,ANG	01	Security Forces Manpower	\$ 38,361,000
MERHC, ANG 01 Security Forces Manpower Me		Security Forces Manpower Medicare	\$ 2,976,000
		Eligible Health Fund Contribution	

Installation Security

(Ground Based Radar Install)

Name of Program/Project: Installation Security

Line Item Title: Ground Based Radar Install

Identification:

Procurement P-1 Line Number: N/A O&M / Mil Pers Appropriation: 3840

Budget Activity Number: <u>01</u>

EEIC/Subproject: _____

Program Description: Funding for Ground Based Radar (GBR) installation is essential. The GBR equipment was purchased by AF to augment SF capability. This equipment has been delivered to ANG installations and, in most cases, remains in storage. O&M money can be used to install this equipment and purchase any additional necessary supplies to tie the radar in to the existing SF alarm system. This funding is based on the average cost of installing at 66 locations. The risk to the nation of leaving this portion of the requirement unfunded is that the millions of dollars spent on this equipment will have been wasted. The impact on individual members of the National Guard is serious since it affects the capability of the existing force. The effect of providing additional funds would be to improve the capability of our limited Security Forces personnel.

FY08 Appropriation: \$ 66,159,000

 FY09 Validated Requirement:
 \$ 76,059,000

 FY09 Budget Amount:
 \$ 66,159,000

The FY09 Unfunded Requirement: \$ 9,900,000

Account	BA / Line	Name of Project	Requirement Unfunded	
OM, ANG	01	GBR Install	\$ 9,900,000	

IT Modernization

(Air Force Network Operations Integration Preparation (AFNetOps))

Identification:

Procurement P-1 Line Number: N/A

O&M /Mil Pers Appropriation: 3080/3840

Budget Activity Number: <u>01</u> EEIC/Subproject: _____

Program Description (Unfunded Justification):

Modernization of network devices, software licenses and services required for automated enterprise management, inventory, and system standardization will enable ANG integration with the AF network and ensure interoperability and information security in accordance with DoD and AF operations involving mission critical systems. CSAF has directed integration of the ANG Network into the Air Force network in its transformation under the AFNetOps concept. In order to meet this mandate, the ANG must completely modernize network infrastructure to include (but not limited to) operations and maintenance hardware and software, cable plant, wireless capability, and bandwidth upgrade. Reliable cable plant infrastructure comprised of Gigabit Ethernet (GIG-E) technology will provide high-capacity, protected communications via outside plant fiber optic and inside plant high speed copper infrastructure for ANG's accelerated integration with AFNetOps. Additionally, wireless network infrastructure to support ANG transformation prepares ANG for overarching Defense Information Systems Agency Wireless Security Support Program's Wireless LAN Security Framework. To ensure consistent delivery of the aforementioned services, bandwidth upgrades are crucial to CSAF direction to integrate Air National Guard network operations with the AFNetOps construct for total force integration towards the One Air Force-One Network concept, providing a minimum of 12MB connectivity to each ANG wing. The ANG is well behind in meeting this requirement and further delays will hamper its ability to maintain seamless interoperability within the Total Air Force.

FY08 Appropriation: \$ 0

FY09 Validated Requirement: \$268,000,000 FY09 Budget Amount: \$0

The FY09 Unfunded Requirement: \$268,800,000

AccountBA / LineName of ProjectRequirement UnfundedOP,AF01AFNetOps Integration\$53,200,000PreparationPreparation\$214,800,000OM,ANG01AFNetOps Integration\$214,800,000PreparationPreparation

IT Modernization

(IT Lifecycle Management)

<u>Line Item Title</u>: IT Lifecycle Management

T 1		4	4 9	•
14	On.	titi	ant 1	\mathbf{n}
	CII		cau	ion:

Procurement P-1 Line Number: N/A O&M /Mil Pers Appropriation: 3840

Budget Activity Number: <u>01</u> EEIC/Subproject: _____

Program Description (Unfunded Justification):

In order to properly manage lifecycle replacement of information technology assets and address requirements, client equipment, desktop software and other devices must be regularly replaced in accordance with standard IT practices (e.g. 3-5 years client computers; 5-7 years servers, routers, switches, etc.). Currently, contactor personnel manage this unwieldy process in an effort to consolidate this function as directed by ANG leadership. Additionally, the Air Force established a single source for network printing devices and supplies using up to four enterprise level Blanket Purchase Agreements and encompassing the AFWAY purchasing process to leverage best pricing across the Air Force. This action enables the accurate inventory of printers and multifunction machines and mitigates network security threats by ensuring printers meet security requirements. Funding this effort facilitates ANG integration with the AF network and ensures that personnel are in place to manage the process during the transformation prior to integration.

FY08 Appropriation: \$

FY09 Validated Requirement: \$62,050,000 FY09 Budget Amount: \$0

The FY09 Unfunded Requirement:

\$62,050,000

Account	BA / Line	Name of Project	Requirement Unfunded
OM,ANG	01	IT Lifecycle Management	\$ 62,050,000

IT Modernization

(Telephone Switch Upgrade/Maintenance)

<u>Line Item Title</u>: Telephone Switch Upgrade/Maintenance

T 1		4	4	•
	an'	titi	ഹവ	mn.
	CII		L.AI	ion:

Procurement P-1 Line Number: N/A O&M /Mil Pers Appropriation: 3840

Budget Activity Number: <u>01</u> EEIC/Subproject: _____

Program Description (Unfunded Justification):

As an integral part of our communications and information system, Air National Guard telephone switches must be upgraded in compliance with Department of Defense (DoD) and Defense Information Systems Agency (DISA) operational requirements. DoD mandated that all telephone switches connected to the Defense Information System Network (DISN) be compatible with the Joint Interpretability Telecommunication Certification software system and be upgraded bi-annually. These upgrades posture the Air National Guard to employ Voice over Internet Protocol and affords worldwide communication via interface with local commercial phone lines. Loss of telephone switch certification would force the Air National Guard to disconnect from the DISN and prevent gaining Major Commands from reaching Total Force units.

FY08 Appropriation: \$ 0

FY09 Validated Requirement: \$3,200,000 FY09 Budget Amount: \$0

The FY09 Unfunded Requirement:

\$3,200,000

I	Account	BA / Line	Name of Project	Requirement Unfunded	
	OM,ANG	A,ANG 01 Telephone Switch		\$3,200,000	
			Upgrade/Maintenance		

Weapons Systems Modernization

(\$ IN MILLIONS)		
WEAPONS SYSTEMS		
MODERNIZATION		
PRECISION STRIKE		\$377.9
DATA LINK/COMBAT ID		\$653.7
24-HOUR OPERATIONS		\$280.1
ENHANCED SURVIVABILITY		\$1,408.7
SUSTAINMENT/SUPPORTABILITY		\$946.1
SIMULATION SYSTEMS/TRAINING		\$191.0
NEW ACQUISITIONS		\$142.5
	Total	\$4,000.0

FY08 Appropriation: \$0

FY09 Validated Requirement: \$4,000,000,000 **FY09 Budget Amount:** \$0

The FY09 Unfunded Requirement: \$4,000,000,000

Precision Strike (\$377.9 million)

- F-16 Avionics Improvements (Commercial Fire Control Computer and Ethernet) Improved processing and bandwidth capability for future growth.
- A-10 Helmet Mounted Cueing System (HMCS) Provides a significant improvement in air and ground weapons employment and full sensor-to-pilot fusion.
- F-15 Active Electronically Scanned Array (AESA) Radar Next generation precision capability to detect, track, and eliminate asymmetric threats.
- F-15 Very High Speed Integrated Circuitry Central Computer (VCC+) Increased processing and memory growth to support future F-15 requirements.
- EC-130J Wideband Satellite Connectivity Provide the President of the United States with the capability to broadcast to a target audience throughout the globe.
- F-15 Joint Helmet Mounted Cueing System (JHMCS) Provides a quantum leap in air-to-air weapons employment and full sensor-to-pilot fusion.
- F-16 Day/Night Joint Helmet Mounted Cueing System (JHMCS) Provides a increased situational awareness and lethality while preventing fratricide.
- F-16 & A-10 Advanced Targeting Pod Provides precision guided munitions employment capability and target identification.
- F-16 & A-10 Targeting Pod Video Downlink Real time imagery transmission to JTAC/TACP.

- F-16 & A-10 Targeting Pod Modifications Provides 4th generation targeting/identification/recognition capability.
- F-16 Center Pedestal Display Replaces center pedestal with a color display.

Data Link/Combat ID (\$653.7 million)

- A-10/F-16 Improved Line-of-Sight and Beyond Line-of-Sight Radio Enhances time sensitive targeting and coordination with ground forces.
- HH-60 Multi-Function Color Display Increases pilot situational awareness and aircraft data processing capability.
- HH-60 Tactical Data Link (TDL) Low cost data link designed give real time threat and friendly information.
- HC/MC-130 Tactical Data Link (TDL) Low cost data link designed give real time threat and friendly information.
- C-130 Tactical Data Link (TDL) Low cost data link designed give real time threat and friendly information.
- RC-26 Block 20 Software/Hardware Spiral Development Allows mission equipment to fully utilized and accurate position information.
- RC-26 BLOS Data Link Adds the capability to pass real time data to ground based terminals.
- KC-135 Tactical Data Link Low cost data link designed give real time threat and friendly information.
- C2/TACP: Handheld Full Spectrum Video and Ground Mobile Gateway (GMG) Ensures effective communications across the battlefield.
- C2/TACP: SADL Enabling for JTAC Enhances transmission of targeting data from the ground controller to the attacking aircraft; EPLRs Radios; EPLRs Dual Power Adapter; AC Power Cable/Data Cable.
- EC-130J Real Time Information in the Cockpit (RTIC) Provides RTIC/RTOC; critical to threat analysis/avoidance while limiting voice transmissions.
- EC-130J SATCOM Installation Provides SATCOM to remaining four EC-130Js for compatibility/interoperability.
- HC/MC-130 Dual SATCOM Provides two SATCOM terminals for GWOT.
- C-130 Cockpit Display Unit Increases pilot situational awareness and aircraft data processing capability.
- KC-135 Situational Awareness CDU Provides increased situational awareness in cockpit.
- JSTARS Aircraft Control/Display Unit 7000 Provides increased situational awareness in cockpit.
- PJ/ST Situational Awareness Suite Provides improved situational awareness during Combat Search and Rescue operations.

- HH-60 GPRS Provides improved OTH communications during Combat Search and Rescue operations.
- JSTARS Prime Mission Equipment Replacement Ensures connectivity with the future battlefield.
- JSTARS Communications & Networking upgrade (CNU) Phase 1 Link 16 & IBS Allows entry into the network centric concept of joint force operations; Link 16 and Broadcast Intelligence.
- Senior Scout Situational Awareness Capability Provides advanced Blue Force Tracking capability for more effective force protection.
- DCGS Medium Multi-Intelligence DGS Allows Air National Guard to fully participate in distributed operations on a daily basis.
- F-15 Embedded GPS/INS (EGI) Provides global positioning for F-15 aircraft per Congressional Direction.
- DCGS HLD/DSCA Enclave GUARDNET Integration Allows Air National Guard to fully participate in distributed operations on a daily basis.
- F-16 AIFF Kits/Mode 5 Upgrade Upgrades Air National Guard F-16 in DCA tasking.
- DCGS AIR NATIONAL GUARD Alternate Landing Site Provides a stand-by system with network managers to ensure continuous operations.
- MQ-1/MQ-9 Integrated Predator/Reaper Operations Cell Fully integrated system supporting GWOT and homeland defense mission.
- JSTARS Enhanced Land/Maritime Mode (ELMM) Provides enhanced target ID through several upgrades and an EO/IR sensor.
- JSTARS Near Real Time Combat ID Capability (NCCT & UAV) Reduces fratricide and increases commanders' situation awareness.
- JSTARS Aided Target Recognition (ATR) Enhanced target detection capability (ATR).
- C-21A RVSM Upgrade Allows for flight at higher altitudes increasing fuel efficiency and weather avoidance.
- C-21A Enhance Mode-S Upgrade Allows for flight in European airspace after FY09.
- MQ-1/MQ-9 Advanced Cockpit Increases situational awareness through advanced visualization with full system integration.
- SPACE Mobile Ground System (MGS) Evolution Permits the MGS to maintain its operational status.
- DCGS Nevada Block 10.2 Suite Upgrades NV Air National Guard's DCGS.
- DCGS Collateral Enclave Provides collection, management, processing and reporting of Signals Intelligence.
- HC/MC-130 Enhanced Airborne Mission Commander (AMC) Increases situational awareness during CSAR.

24 Hour Operations (\$280.1 million)

- C-130 Night Vision Imaging System (NVIS) Cockpit Lighting Provides panoramic NVGs for increased capability and safety.
- SENIOR SCOUT Communications Security Upgrades Provides installation and test for various COMSEC upgrades.
- MQ-1 Sense/Detect & Avoid other Aircraft Capability Provides capability to detect other aircraft in-flight.
- KC-135 Night Vision Compatible/Covert Lighting Will allow aircrews to perform missions while wearing NVG's, to include air refueling.
- RC-26B CNS/ATM Compliance Updates the RC-26 avionics suite to address CNS/ATM Compliance requirements.
- JSTARS 8.33kHz VHF Radio Fulfills CNS/ATM requirement.
- SPACE: Combat SkySat Payloads Builds payloads for short notice employment.
- SPACE: Mobile Ground System HEMP Certification Permits the MGS to maintain HEMP certification.
- C2/TACP: M-1145 HMMWV Up-armored HMMWV for TACPs.
- C-21A Dual FMS Upgrade Replaces single FMS for DMS with a dual FMS.
- LC-130 Jet Assisted Take-Off (JATO) Program JATO enables ski equipped LC-130 operations in deep field locations.

Enhanced Survivability (\$1,408.7 million)

- Security Forces Personnel Protective Equipment Provides essential protection against improvised explosive devices (IEDs).
- C-5 Aircraft Defensive System (ADS) Provides the C-5 with AAR-47 MWS and ALE-47 CMDS.
- PJ/ST Enhanced Survivability Suite Provides PJ/ST improved weapons capability and personal protection.
- PJ/ST Special Tactics Mounted (Heavy) Suite Provides PJ/ST's combat vehicles.
- A-10 Missile Warning System Provides warning against man-portable IR threats and increases survivability.
- C-130 SAFIRE Allows for wide-angle view from the 3 o'clock to 9 o'clock continuum behind the aircraft.
- C-17 SAFIRE Lookout Capability Allows for wide-angle view from the 3 o'clock to 9 o'clock continuum behind the aircraft.
- HC-130 AN/AAQ-24 Large Aircraft Infrared Countermeasures (LAIRCM) Allows HC-130 aircraft to fly in an increasing threat environment.
- C-130 Advanced Infrared Countermeasures (IRCM) Allows C-130 aircraft to fly in an increasing threat environment.
- C-130J Advanced Infrared Countermeasures (IRCM) Allows C-130J aircraft to fly in an increasing threat environment.

- EC-130J Advanced Infrared Countermeasures (IRCM) Allows EC-130J aircraft to fly in an increasing threat environment.
- C-17 AN/AAQ-24 Large Aircraft Infrared Countermeasures (LAIRCM) Allows C-17 aircraft to fly in an increasing threat environment.
- C-5 Advanced Infrared Countermeasures (IRCM) Allows C-5 aircraft to fly in an increasing threat environment.
- F-15 EPAWSS Radar Warning Receiver (RWR) Replaces outdated RWR; increasing situational awareness, survivability, and maintainability.
- A-10 Digital Radar Warning Receiver with Threat Geo-location Enhanced threat detection and azimuth accuracy.
- A-10 LARS V-12 Upgrade Increases situational awareness during Combat Search and Rescue (CSAR) missions.
- F-16 Digital Radar Warning Receiver with Threat Geo-location Enhanced threat detection and azimuth accuracy.
- HH-60 CSAR Board Allows for simultaneous medical care on two recovered personnel.
- HH-60 Defensive Armament Upgrade Provides .50 caliber machine gun capability.
- Security Forces M4 Rifle Upgrades Provides SF upgraded rifles.
- PJ/ST Enhanced Survivability For Special Tactics Combat Controllers Provides PJ/ST's special tactics equipment.
- PJ/ST Tactical Ground Vehicle Provides roll-over protection, 3-man carrying capability, multiple position for litters as well as mounting stations for weapons, navigation equipment, communications equipment, and additional fuel.
- PJ/ST High Altitude Equipment Modernization Provides miscellaneous high altitude equipment.
- KC-135 Advanced Infrared Countermeasures (IRCM) Allows KC-135 aircraft to fly in an environment of increasing threat complexity and lethality.
- JSTARS Infra-Red Missile Defense/Self-Protect Capability Allows E-8C aircraft to fly in an environment of increasing threat complexity and lethality.
- C-130 Yoke-Mounted Dispense Switches Provides capability for Pilot and Co-pilot to dispense countermeasures.
- C-17 Individual Crew Position Flare Dispense Switches Provides capability for loadmaster to dispense countermeasures.
- C-17 Stick-Mounted Dispense Switches Provides capability for Pilot and Co-pilot to dispense countermeasures.
- Security Forces M240/M249 Upgrades Provides SF upgraded weapons.
- C-130 Digital Radar Warning Receiver(RWR) Replacement/Enhancement for ALR-69 Provides/Upgrades the Air National Guard C-130 fleet with a more capable RWR.
- C-130 Missile Approach Warning System Upgrade Provides crews with an upgraded MWS.

- C-5 SAFIRE Lookout Capability Allows for wide-angle view from the 3 o'clock to 9 o'clock continuum behind the aircraft.
- KC-135 Fuel Tank Fire Explosion Protection Reduces KC-135 fuel tank vulnerability to ground threats.
- C-130 Loadmaster Crashworthy Seat Provides the C-130 Loadmaster with a seat able to withstand excessive impact.
- LC-130 Crevasse Detection Radar Implements radar capability to determine the presence of crevasses in operational areas.
- HC/MC-130 LARS AN/ARS-6 V12 Upgrade Displays additional survivor information (coordinates and messaging) in all aircraft cockpits.
- HC/MC-130 Dual Rails Provides the capability to rapidly reconfigure in support of different missions.
- Security Forces Mobility Bag Upgrades Provides SF mobility bag upgrades.

Sustainment/Supportability (\$946.1 million)

- JSTARS Re-engining Engine retrofit modification improving performance and reliability.
- LC/HC/MC-130 Electronic Propeller Control System Replaces synchrophasers and propeller control systems with more reliable digital controls.
- LC/HC/MC-130 Eight Bladed Propeller Upgrade Replaces existing propulsion (propellers, engine sys) with high efficiency, low MX items.
- A-10 Engine Upgrade A-10 Propulsion Upgrade Program (PUP) required to sustain the A-10 for the next 25 years.
- F-16 Block 42 Re-Engine Block 42 aircraft require increased thrust to perform assigned combat tasking.
- F-15 -220E Engine Kits Engine retrofit modification improving performance and reliability.

Simulation Systems/Training (\$191.0 million)

- F-16 Full Combat Mission Trainer (FCMT) Block 30 2-ship DMO-capable simulators for Air National Guard combat units.
- A-10 Full Mission Trainer (FMT) Provides high fidelity DMO flight simulators.
- Indirect Fire-Forward Air Control Trainer (I-FACT) Head Mounted Display (HMD) Provides Air National Guard Joint Terminal Attack Controllers (JTACs) ability to simulate guiding precision air and artillery strikes; Gateway and ASTI Radios.
- KC-135 Boom Operator Simulation System (BOSS) Provides high fidelity training ensuring increased readiness.
- JSTARS (E-8C) Mission System Trainer (MST) Provides high fidelity DMO flight simulators for formal and continuation training.

- RC-26 Mission Crew Trainer (MCT) and C-130 Multi-Mission Crew Trainer (MMCT) Provides high-fidelity, DMO capable simulator; Scathe View; Senior Scout; Commando Solo.
- Distributed Training Operations Center (DTOC) Provides command, control, scheduling and management of the Air National Guard DMO program.
- Mission Engineering Training Center (MTEC) Provides engineering development of simulation systems and tech transfer for the Air National Guard.
- MQ-1/MQ-9 Desktop Training System (DTS) Provides a part task trainer for Air National Guard operators.
- C-130/KC-135 Visual Threat Recognition & Avoidance Trainer (VTRAT) Realistic training enabling aircrews to react quickly in an anti-aircraft threat engagement.
- HH-60 Full Mission Trainer (FMT) Provides high fidelity DMO flight simulators.
- ACS CRC CSP DMO Connectivity Provides high fidelity mission rehearsal and distributed training for LD/HD assets.
- Air Control Squadron Digicomp Air surveillance and Air Control (ASAC) Increases required simulation and live mission training to maintain readiness.
- Rangeless ACMI P-5 Combat Training Systems to replace tethered system.
- RC/C-26 Joint Weapon System Trainer Training System that will support both the Army National Guard and Air National Guard.
- Range Joint Threat Emitter (JTE) Simulates a realistic integrated air defense environment
- AOC DMO Capability Provides capability to train in-garrison within the Theater Air Control System (TACS) environment.
- Network Warfare Training and Integration (NWTI) Range Provides simulated range tactics, techniques, and procedures training.

New Acquisitions (\$142.5 million)

- C-38 Replacement Aircraft Supports Congressional, DOD, Air Force and National Guard Travel missions worldwide.
- C-40C (Boeing 737) Additional Aircraft Supports Congressional, DOD, Air Force and National Guard Travel missions worldwide.