

FY 2007
Unfunded Priority List (UPL)
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U.S. AIR FORCE

SAF/FMB

POC

Budget and Appropriations Liaison Office

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FY2007 UNFUNDED PRIORITY LIST EXECUTIVE SUMMARY

TOP SIXTEEN PRIORITIZED REQUIREMENTS

Priority	Requirement	FY07 (\$M)	Description
1	National Defense Airlift Fund Capability Upgrades	2,433.9	Resets/Recapitalizes mobility assets for wartime use and COCOM needs. This includes funding for 7 C-17s, 4 C-130Js, 16 C-130 Center Wing Box Replacement, 1 CV-22 Acceleration, C-130 Support Equipment/Modifications and Other mobility assets.
2	AFSOC Predator	80.0	Initiative procures 8 MQ-1 Predator aircraft, 2 ground control stations (GCS), one dual launch and recovery GCS, initial spares, and required deployable spares.
3	A-10 Modifications	83.4	Funds Precision Engagement installation shortfall, 309 ARC-210 Beyond-Line-Of-Sight radios, and 20 AAR-47 infrared countermeasure kits that provide critical C2 connectivity, increase lethality by 25%, and enhance survivability against man-portable threats.
4	Large Aircraft Infrared Countermeasures (LAIRCM)	105.8	Accelerates purchase and installation of LAIRCM modification on C-130s, HC/MC-130s and C-37s. Non-recurring engineering on HC/MC tankers. LAIRCM provides protection against man-portable air defense systems and surface-to-air missiles.
5	Up-Armored HMMWVs	51.8	Procures 205 Up-Armored HMMWVs to support new Security Forces requirements in the AOR. AF Security Forces are receiving new sister service in lieu of missions requiring additional UA-HMMWVs.
6	M-4 Carbine	61.0	Procures 25K carbines for deployment and 10K for training. Expeditionary Airmen need to deploy with weapons, which are interoperable with Army counterparts and capable of being operated in confined spaces due to non-traditional convoy taskings.
7	SNIPER Pod Procurement and ATP Research	54.0	Procures 30 additional SNIPER pods and funds research on data transfer and video downlink aircraft integration.
8	Guardian Angel Combat Equipment	12.7	Procures night vision goggles and three categories of weapons (.45 caliber hand-gun, stand alone 40mm grenade launcher, and MK15 .50 caliber anti-vehicle weapons) and weapons modification kit for their existing M-4s. This suite of weapons will enable Guardian Angel forces to defend against current global threats while conducting personnel recovery.
9	ICBM Security Modernization	18.9	Funds Remote Visual Assessment (RVA) development and buys 12 access door kits.
10	Small Diameter Bomb (SDB)- Focused Lethality Munition (FLM)	40.2	SDB FLM Advanced Concept Technology Demonstration (ACTD) offers potential for precisely delivering lethal blasts against soft targets and dramatically reduces collateral damage. Capability provided to warfighter in 22 months.

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11	AF Weapons of Mass Destruction (WMD) Emergency Response	30.4	Procures Individual Protective equip, medical treatment equip, supplies, decon and detection/identification equip, and funds training for multifunctional (Fire, EOD, SF, Med, Readiness) comprehensive program. Preserves combat capability and protect lives in first 12-24 hours after an incident.
12	B-1/B-52 Deployable Phase Maintenance Kit	35.0	Funds eliminate requirement to rotate jets from overseas to CONUS for recurring phase maintenance, thus driving higher ops tempo and lower mission capable rates. Deployable phase kits are needed to increase supportability of B-1s/B-52s at two locations.
13	B-2 Satellite Terminal Synchronization	30.0	Funds enable Extended Data Rate capability on B-2 during planned flight test window – avoids increased costs and protected communications capability delay.
14	B-2 Engine Blade Repair	5.9	Funds B-2 engine fan blade modification - corrects deficiencies, which have the potential to cause serious injury or extensive damage to systems or equipment. Engine inlet fan blades present a risk of blade separation due to high air inlet distortion levels.
15	C-37 Procurement	61.0	Procures C-37 aircraft as a one-for-one VIP Special Airlift C-20 replacement.
16	Range Infrastructure Improvements	20.5	Funds start-up of a Military Operations on Urbanized Terrain (MOUT) training facility (O&M tail covered in current FYDP funding). Provides realistic training for OIF. Improves range infrastructure through threat environment modernization.

FY2007 UNFUNDED PRIORITY LIST EXECUTIVE SUMMARY
UNPRIORITIZED REQUIREMENTS (ALPHABETICAL ORDER)

Priority	Requirement	FY07 (\$M)
Aerial Targets	38.0	Funds aerial targets and associated systems - utilized to accomplish mandatory Title 10 test and evaluation of weapon systems. Multiple shortfalls in aerial target program exist - limits AF's ability to test and evaluate.
AFR & ANG New Mission Vehicles and Support Equipment	14.0	Funds critical special purpose vehicles, support equipment and maintenance stands necessary to support Air National Guard and Air Force Reserve daily flying operations at new mission beddown locations (Memphis, TN; Martinsburg WV; Wright-Patterson AFB and others).
Air Force Reserve Critical Command and Control (C2)	6.0	AF Reserve has requirement to purchase/sustain parts, personnel mobility gear, fuel, oil, vehicle maintenance, and other equipment to meet critical theater deployable/combat communications requirements from combatant commanders.
AF Space Command Security Upgrades	15.0	Funds warfighter space weapon system security upgrades - replaces failing/uncertified systems, which protect priority level-1 assets. Continues phased replacement of electronic security systems at Schriever AFB & Buckley AFB.
AF Space Surveillance System (AFSSS)/ Space Fence	4.8	Funds sustainment shortfalls in environment, computer infrastructure and remote operations discovered after mission transfer from Navy.
Aircrew Training Systems (ATS)	47.2	ATS provides Mobility Air Forces (MAF) aircrew members essential simulator and courseware training necessary to maintain basic currency in the aircraft. Funds Contractor Logistics Support contract supporting MAF ATS for C-5, C-17, C-130, and C-130J.
Battle Control System - Mobile (BCS-M)	38.2	Funds one Battle Control Center and two rapid reaction Expeditionary Command and Control Centers in support of the CENTAF Warfighter Urgent Capability Need request. Current mobile command and control assets have significant capability gaps.
C-9C/C-40C sustainment (Scott AFB)	57.6	Funds manpower / O&M for 3 C-9Cs and 2 C-40Cs at Scott AFB.
Civil Air Patrol (CAP) Land Mobile Radios (LMRs)	6.9	Funds purchase CAP LMRs to meet National Telecommunications & Information Administration nationwide mandate to convert to narrowband usage by 2008.
Combat Air Intel System Global Information and Services (GI&S)	1.1	Funds USAFE and PACAF GI&S Geospatial product libraries. These libraries provide near real-time data and targeting imagery to Air Operation Centers and Joint Task Force Commanders.
Combat Flight Inspection Aircraft (CFIN)	30.0	FAA/Air Force agreement for AF to fund one of six aircraft. Add is required to complete conversion to eliminate C-29 range, reliability and cargo shortfalls and enhance combat airfield operations in Iraq/Afghanistan.

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Command and Control System – Consolidated (CCS - C)	8.7	Funds system integration/test of new Wideband Gapfiller Satellite and Advanced Extremely High Frequency (AEHF) satellites into CCS-C. CCS-C integration must begin a minimum of 18 months in advance of AEHF-1 launch.
Contractor Logistics Support (CLS)	214.9	Funds various CLS programs (C-40, VC-25, C-21, KC-10 & C-130J) to minimize existing mission readiness shortfalls.
Control & Reporting Center (CRC) Essential Equipment	4.7	Funds wartime replenishment items for CRC personnel including weapons, chemical warfare, life support and comm equipment. LD/HD system has exceeded max surge deployment since 9/11 exacerbating pre-existing equipment shortfalls.
Defense Support Program (DSP) Flight 23 Launch Ops	21.0	Funds one quarter of contractor launch support, on-orbit test and contract termination costs in FY07 due to continuing flight delays.
Defense Support Program (DSP) Optical Data Modernization	5.0	Classified input
Depot Purchased Equipment Maintenance (DPEM)	220.4	Funding eliminates the deferral of 20 aircraft Program Depot Maintenance and 28 engine overhauls, funds additional ICBM guidance repair, and provides software updates for Electronic Warfare, cruise missiles, and AWACS navigational system.
Eagle Vision	2.7	Funds CSAF Innovation Program, which provides commercial imagery to operational commanders for mission planning /rehearsal /visualization and intel gathering.
Geospatial Mapping Capability	2.5	Geobase is a net-centric geospatial mapping capability used in contingency planning, force beddown and installation support processes. Funds annual software maintenance and technical support bill to sustain this capability for the warfighter.
Global Combat Support System (GCSS) AF	22.0	GCSS-AF provides a secure flow of timely, accurate and trusted combat support information, with the appropriate level of security, to any authorized process or user AF-wide.
Halvorsen Loader	8.2	Procures 9 additional Halvorsens to meet growing OEF and OIF demands resulting from failing 1960s 25K loaders.
High Frequency Ground Control Stations (HFGCS) Antennas	5.0	Replaces antennas that are past their design life at all 14 stations worldwide and assessments rated current overall antenna conditions as poor.
Joint Threat Emitter (JTE)	7.0	JTE provides dispersed threat signals to aircrews during simulated penetrations of hostile airspace for surveillance and bombing runs for the purpose of aircrew tactics and Electronic Combat training. Funding accelerates delivery by two years.

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JSTARS Block 20 Trainer	16.9	Funds 2nd late-to-need Block-20 mission crew trainer in FY07 to support 12 aircrew specialties. Personnel and fleet growth rapidly outpaced existing training capability.
Logistics Information Technology (IT) System Sustainment	30.2	Funds continue sustainment of logistics IT systems currently maintained at minimal operational levels until transition to Expeditionary Combat Support System (ECSS).
MC-130H / AC-130U Flight Data Recorders (FDR)	9.8	Funds FDR for MC-130H and AC-130U aircraft. As a result of several Class-A mishaps involving loss of life and equipment, Mishap Prevention Panel, CDRUSSOCOM voiced concerns about not having FDRs on aircraft.
Midcourse Space Experiment/Space Based Visible (MSX/SBV) Operations	6.9	Funds critical space surveillance sensor and only on-orbit asset. Fills gap due to Spaced Based Space Surveillance launch delay to FY09.
Military Construction (MILCON)	1,505.0	MILCON program funds construction, improvement, planning, and design of facilities required for mission beddown and recapitalization of real property.
Minuteman REACT Console Operator Input Devices (OID) Modernization	8.5	Funds "just-in-time replacement" of Minuteman REACT Console OID - critical for day-to-day and wartime functioning of the weapon system.
Missile Defense Security Upgrades	14.0	Procures delay and early-detection technology at Vandenberg AFB. Funding increases effectiveness of security response and avoids additional security manpower requirements.
Mobility Air Intel System	2.1	Funds sustainment and maintenance of AMC Intel Information Systems and intel databases supporting 115 AMC units, the Global Mobility Air Ops Center, and Contingency Response Groups.
Netcentric Communication Security (COMSEC) Buys	25.2	Funds all critical functions related to component commodities that support DoD's and AF's need for Information Superiority. Air and Ground COMSEC directly supports Air Force's global strike and defense in-depth strategies.
Pacific Air Forces (PACAF) AOC Exercise	2.9	Funds facilitate air warfare simulation support for both Ulchi Focus Lens and Terminal Fury Joint exercise in the Air Operations Center - exercises and validates PACAF Operation Plans.
Passive Radio Frequency Identification Devices (RFID)	1.7	Initiates pilot program for OSD-directed passive RFID implementation - allows lessons learned prior to full program funding/implementation in the FY08 POM.

Priority	Requirement	FY07 (\$M)
Science and Technology (S&T)	40.0	Funds additional requirements, balanced between tech directorates; brings S&T portfolio in compliance with FY06 SPG goal of 3% annual real growth from FY06-09.
Tactical Terminal Modernization	4.6	Enables AF Integrated Broadcast Service (IBS) migration for meeting crypto modernization mandate by FY09. Allows sensors/weapon systems (RC-135, RC-130, and AF DCGS) to transmit critical intelligence data into IBS.
Upgraded Early Warning Radar (UEWR) System Program Agency (SPA)	55.8	Funds establishment of a UEWR SPA for hardware and software development. Ensures highest operational availability of missile warning and space surveillance assets.
VC-25 Mod	14.4	VC-25 Forward Lower Lobe Equipment Cooling. Funds prevent continued critical equipment systems failure/shutdown during use and avoids increased cost for equipment repair/replacement.
TOTAL:	\$5,643.4	