



Department of the Air Force

Military Construction Program
Supplemental Funding Request

Fiscal Year (FY) 2008
Budget Estimates

September 2007

**DEPARTMENT OF THE AIR FORCE
FY 2008 MILCON Supplemental Funding Request**

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FY 2008 Military Construction Supplemental Funding Request
(Active, Guard and Reserve Forces)

MILCON Summary

FY07 <u>Actual</u>	FY07 <u>Title IX</u>	FY08 <u>Supp</u>	FY08 <u>Total</u>
\$43.3M	---	\$305.0M	\$305.0M

Military Construction

Military Construction is a key enabler in the Global War on Terrorism, directly supporting wartime operations and enhancing force protection. This Supplemental request provides for 1 project at Manas Air Base (AB), Kyrgyzstan, 1 project at Masirah Island AB, Oman, 1 project at Al Udeid AB, Qatar, 3 projects at Balad AB, Iraq, 3 projects at Bagram AB, Afghanistan, and 1 project at Kandahar AB, Afghanistan.

The first project at Bagram AB is to construct an East-side Helo Ramp. A concrete parking apron for rotary wing aircraft and all taxiways necessary to connect this ramp to the threshold of the new runway will be constructed. Parking ramp and taxiways will include all required lighting, markings and shoulders.

Phase 2 of the Parallel Taxiway will be constructed at Bagram AB. A concrete extension to the parallel taxiway currently supported in the FY07(S) Bill (Bagram Parallel Taxiway, Ph I) will be constructed. Work includes demolition of existing pavements as necessary.

A strategic ramp will also be constructed at Bagram AB. The project will construct a concrete parking apron capable of parking two wide-body aircraft construct concrete taxiway connecting the threshold of the north end of the new runway to this apron. Supporting facilities will include all required demolition of existing buildings and pavements, airfield lighting and signage, pavement markings, roads, and storm drainage.

An Intelligence, Surveillance and Reconnaissance (ISR) ramp will also be constructed at Kandahar AB. A medium-load concrete parking apron sized to park 26 generic ISR aircraft will be constructed. These aircraft require enclosed parking areas to shelter them from the harsh environmental conditions of Afghanistan; all maintenance and mission preparations activities must be conducted in an enclosed environment.

A fighter surge ramp will be constructed in South Bravo HAS Area at Balad AB. New pavement consists of 31,000 SM of concrete pavement designed for fighter use in accordance with UFC 3-260-01 Airfield and Heliport P&D and UFC 3-260-02 Pavement Design for Airfields. This project also includes striping, airfield lighting, and grounding/tie-down points. Revetments will be installed to prevent sympathetic detonation.

The second project at Balad AB will construct a taxiway connecting taxiway Golf and taxiway Foxtrot. New pavement consists of 31,740 SM of un-reinforced concrete pavement designed for medium load use in accordance with UFC 3-260-01 Airfield and Heliport Planning and Design and UFC 3-260-02 Pavement Design for Airfields. This project also includes striping and airfield lighting.

Helicopter Maintenance facilities will also be constructed at Balad AB. The project will construct a 33,900 SM concrete apron, replace and provide commercial shelters and utilities for rotary wing maintenance workshops and office space. Repair aircraft parking apron for rotary wing use.

The project at Al Udeid AB will replace expeditionary operational, administrative, and community support facilities and construct new, semi-permanent or permanent facilities as needed to support existing and new missions. Many facilities at Al Udeid AB (a strategic and tactical airlift, refueling and bomber operations and ISR hub), were constructed to expeditionary standards in 2003/2004 to support the initial movements of Operation IRAQI FREEDOM.

The Expeditionary Beddown Site at Oman involves excavation, grading, and demolition of existing ridges and hills to level a 185,000 SM (45.7 acre) site. Install approximately 1300 LM of chain link fencing with double outriggers and concertina wire. Remove HESCO barriers at existing site and relocate existing fencing for new site development. A secure, concrete parking ramp will be constructed at Manas AB to support strategic airlift operations (refueling and cargo) in support of OEF. Concrete will be designed to support medium-load aircraft. All edge lighting, area lighting, airfield markings and supporting infrastructure will be installed as necessary.

Planning and design funds for projects at Bagram AB, Manas AB, Kandahar AB, Al Udeid AB, Balad AB, and Masirah AB are also included in this supplemental request.

UNCLASSIFIED

Summary for 2008
Military Construction, Family Housing, and Homeowners Assistance

(\$ Thousands)

Data as of 24 SEP 2007

<u>Appropriation</u>	<u>Auth Amount</u>	<u>Auth for Appn Amount</u>	<u>Appn Amount</u>	<u>TOA Amount</u>
Military Construction, Air Force				
Major Construction				270,000
Planning & Design				35,000
Total Military Construction, Air Force				305,000
Grand Total				305,000

UNCLASSIFIED

Summary for 2008
Military Construction Total Obligational Authority
Grand Total
(\$ Thousands)

Data as of 24 SEP 2007

Summary	Auth Amount	Auth for Appn Amount	Appn Amount	TOA Amount

By Location:				

Inside the United States				35,000
Outside the United States				270,000
*** Total By Location ***				305,000
By Purpose:				

Major Construction				305,000
*** Total By Purpose ***				305,000

UNCLASSIFIED

Summary for 2008
Military Construction Total Obligational Authority
Air Force
(\$ Thousands)

Data as of 24 SEP 2007

Summary	Auth Amount	Auth for Appn Amount	Appn Amount	TOA Amount
<u>By Location:</u>				
Inside the United States				35,000
Outside the United States				270,000
*** Total By Location ***				305,000
<u>By Purpose:</u>				
Major Construction				305,000
*** Total By Purpose ***				305,000

UNCLASSIFIED

Summary for 2008
Military Construction Total Obligational Authority
Active Forces
(\$ Thousands)

Data as of 24 SEP 2007

Summary	Auth Amount	Auth for Appn Amount	Appn Amount	TOA Amount
<u>By Location:</u>				
Inside the United States				35,000
Outside the United States				270,000
*** Total By Location ***				305,000
<u>By Purpose:</u>				
Major Construction				305,000
*** Total By Purpose ***				305,000

UNCLASSIFIED

Summary for 2008
Military Construction Total Obligational Authority
Military Construction
(\$ Thousands)

Data as of 24 SEP 2007

Summary	Auth Amount	Auth for Appn Amount	Appn Amount	TOA Amount
<u>By Location:</u>				
Inside the United States				35,000
Outside the United States				270,000
*** Total By Location ***				305,000
<u>By Purpose:</u>				
Major Construction				305,000
*** Total By Purpose ***				305,000

UNCLASSIFIED

UNCLASSIFIED

Summary for 2008
Military Construction and Family Housing
r Force *** Summary by State and Country
(\$ Thousands)

Summary for 2008
Military Construction and Family Housing
Summary by State and Country
(\$ Thousands)

Data as of 24 SEP 2007

Auth Amount	Auth for Appn Amount	A	State-Country	Auth Amount	Auth for Appn Amount	Appn Amount	TOA Amount
			AFGHANISTAN				135,100
			IRAQ				58,300
			QATAR				40,000
			OMAN				6,300
			WORLDWIDE UNSPECIFIED				35,000
			KYRGYZSTAN				30,300
			*** Total Construction ***				305,000

UNCLASSIFIED

FY 2008 Military Construction Total Obligational Authority as Enacted

Active, Guard and Reserve Forces
Specified Outside the United States
(\$ Thousands)

Data as of 24 SEP 2007

Acct	Org	BA	CY	Loc	Project	Fac Cat	State/Component/Installation -----Project Name-----	Auth Amount	Auth for Appn Amount	Appn Amount	TOA Amount	
							AFGHANISTAN					
							AIR FORCE					
							BAGRAM AIR BASE, AFGHANISTAN					
3300F	01	AF	5630	08	ATU101	113	EAST SIDE HELO RAMP				44,400	
3300F	01	AF	5630	08	ATU100	112	PARALLEL TAXIWAY PH 2				21,400	
3300F	01	AF	5630	08	ATU004	113	STRATEGIC RAMP				43,000	
							TOTAL BAGRAM AIR BASE, AFGHANISTAN				108,800	
							KANDAHAR, AFGHANISTAN					
3300F	01	AF	5427	08	LYA001	113	ISR RAMP				26,300	
							TOTAL KANDAHAR, AFGHANISTAN				26,300	
							**AIR FORCE				135,100	
							**AFGHANISTAN				135,100	
							IRAQ					
							AIR FORCE					
							BALAD AIR BASE, IRAQ					
3300F	01	IR	5582	08	BAA100	113	FIGHTER RAMP				11,000	
3300F	01	IR	5582	08	BAA070	112	FOXTROT TAXIWAY				12,700	
3300F	01	IR	5582	08	BAA010	113	HELICOPTER MAINTENANCE FACS				34,600	
							TOTAL BALAD AIR BASE, IRAQ				58,300	
							**IRAQ				58,300	
							QATAR					
							AIR FORCE					
							AL UDEID, QATAR					
3300F	01	QA	5179	08	ALU08A	141	FACILITY REPLACEMENTS				40,000	
							TOTAL AL UDEID, QATAR				40,000	
							**QATAR				40,000	
							OMAN					
							AIR FORCE					
							MASIRAH AIR BASE, OMAN					
3300F	01	OM	3145	08	PKV001	899	EXPEDITIONARY BEDDOWN SITE				6,300	
							TOTAL MASIRAH AIR BASE, OMAN				6,300	

State - 1

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FY 2008 Military Construction Total Obligational Authority as Enacted

Active, Guard and Reserve Forces
Specified Outside the United States
(\$ Thousands)

Data as of 24 SEP 2007

Acct	Org	BA	CY	Loc	Project	Fac Cat	State/Component/Installation -----Project Name-----	Auth Amount	Auth for Appn Amount	Appn Amount	TOA Amount
							**OMAN				6,300
							KYRGYZSTAN				
							AIR FORCE				
							MANAS AIR BASE, KYRGYZSTAN				
3300F	01	KN	5627	08BRV101	113		STRATEGIC RAMP				30,300
							TOTAL MANAS AIR BASE, KYRGYZSTAN				30,300
							**KYRGYZSTAN				30,300

FY 2008 Military Construction Total Obligational Authority as Enacted

Active, Guard and Reserve Forces
Specified Outside the United States
(\$ Thousands)

Data as of 24 SEP 2007

Acct	Org	BA	CY	Loc	Project	Fac Cat	State/Component/Installation -----Project Name-----	Auth Amount	Auth for Appn Amount	Appn Amount	TOA Amount	
Totals												
Army												
Navy												
Air Force											270,000	
Defense-Wide												
Specified Outside the United States												270,000

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FY 2008 Military Construction Total Obligational Authority as Enacted

Active, Guard and Reserve Forces
 Unspecified Worldwide
 (\$ Thousands)

Data as of 24 SEP 2007

Acct	Org	BA	CY	Loc	Project	Fac Cat	State/Component/Installation	Auth Amount	Auth for Appn Amount	Appn Amount	TOA Amount
							-----Project Name-----				
							WORLDWIDE UNSPECIFIED				
							PLANNING AND DESIGN				
3300	F	O3	ZU	4621	08PAY009	100	AIR FORCE				35,000
							TOTAL PLANNING AND DESIGN				35,000
							**WORLDWIDE UNSPECIFIED				35,000

UNCLASSIFIED

FY 2008 Military Construction Total Obligational Authority as Enacted

Active, Guard and Reserve Forces
 Unspecified Worldwide
 (\$ Thousands)

Data as of 24 SEP 2007

Acct	Org	EA	CY	Loc	Project	Fac Cat	State/Component/Installation -----Project Name-----	Auth Amount	Auth for Appn Amount	Appn Amount	TOA Amount
Totals											
							Army				
							Navy				
							Air Force				35,000
							Defense-Wide				
							Unspecified Worldwide				35,000

Summary of Military Construction Projects

Component: Air Force

Category*:

Project: ATUH080101, East Side Helo Ramp

Location: Bagram AB, Afghanistan

Amount (\$000): \$44.4M

Description/Justification: Construct concrete parking apron for rotary wing aircraft. Construct all taxiways necessary to connect this ramp to the threshold of the new runway. Parking ramp and taxiways will include all required lighting, markings and shoulders.

Impact if not provided: Rotary wing assets will have split operations, increasing down time of aircraft and requiring additional maintenance personnel. Fixed wing aircraft will remain at risk due to the high levels of FOD and restricted parking space available on the main ramp. Time required to repair rotary wing assets will increase due to the split operations of backshops and time required to send parts across the airfield.

Summary of Military Construction Projects

Component: Air Force

Category*:

Project: ATUH080100, Parallel Taxiway, Phase 2

Location: Bagram AB, Afghanistan

Amount (\$000): \$21.4M

Description/Justification: Construct a concrete extension to the parallel taxiway currently supported in the FY07(S) Bill (Bagram Parallel Taxiway, Ph I). Work includes demolition of existing pavements as necessary.

Impact if not provided: Aircraft will not have a continuous parallel taxiway from south to north ends of runway. Taxiing wide body aircraft will continue to limit aircraft parking due to wing tip clearance significantly decreases the ability to support missions on the main ramp. Close Air Support (CAS) aircraft will continue to taxi excessive distances which effects the capability of CAS aircraft to quickly provide support to troops in the field that are engaged with the enemy. The FOD sensitive aircraft will continue taxiing through rotary wing parking areas where FOD is difficult to control.

Summary of Military Construction Projects

Component: Air Force

Category*:

Project: ATUH073004, Strategic Ramp

Location: Bagram AB, Afghanistan

Amount (\$000): \$43.0M

Description/Justification: Construct concrete parking apron capable of parking two wide-body aircraft construct concrete taxiway connecting the threshold of the north end of the new runway to this apron. Supporting facilities will include all required demolition of existing buildings and pavements, airfield lighting and signage, pavement markings, roads, and storm drainage.

Impact if not provided: Without this strategic ramp, Bagram will only be able to accept wide body aircraft in emergency situations. The airfield will not be able to park and service the wide body aircraft. US forces on the ground may be delayed in receiving CAS aircraft support in the field while engaged with the enemy. Wide body aircraft will continue to fly to other AOR locations and trans load supplies onto smaller cargo aircraft that can access Bagram.

Summary of Military Construction Projects

Component: Air Force

Category*:

Project: LYAV073001, ISR Ramp

Location: Kandahar AB, Afghanistan

Amount (\$000): \$26.3M

Description/Justification: Construct a medium-load concrete parking apron sized to park 26 generic Intelligence, Surveillance and Reconnaissance (ISR) aircraft. These aircraft require enclosed parking areas to shelter them from the harsh environmental conditions of Afghanistan; all maintenance and mission preparations activities must be conducted in an enclosed environment.

Impact if not provided: There is a new mission requirement to beddown considerable additional ISR assets at Kandahar. Without this ramp that beddown can not be achieved and will hinder the CFACC ability to fight the Global War on Terrorism.

Summary of Military Construction Projects

Component: Air Force

Category*:

Project: BAAS083100, Fighter Ramp

Location: Balad AB, Iraq

Amount (\$000): \$11.0M

Description/Justification: Construct fighter surge ramp in South Bravo HAS Area. New pavement consists of 31,000 SM of concrete pavement designed for fighter use in accordance with UFC 3-260-01 Airfield and Heliport P&D and UFC 3-260-02 Pavement Design for Airfields. This project also includes striping, airfield lighting, and grounding/tie-down points. Revetments will be installed to prevent sympathetic detonation.

Impact if not provided: The Balad mission has grown considerably with over 240 aircraft assigned plus considerable transient missions. Without this fighter ramp to handle overflow transient, divert, and swap-out surge requirements, aircraft will continue to be parked on taxiways and fingers leading to airfield safety issues and mission delays.

Summary of Military Construction Projects

Component: Air Force

Category*:

Project: BAAS083070, Foxtrot Taxiway

Location: Balad AB, Iraq

Amount (\$000): \$12.7M

Description/Justification: Construct taxiway connecting taxiway Golf and taxiway Foxtrot. New pavement consists of 31,740 SM of un-reinforced concrete pavement designed for medium load use in accordance with UFC 3-260-01 Airfield and Heliport Planning and Design and UFC 3-260-02 Pavement Design for Airfields. This project also includes striping and airfield lighting.

Impact if not provided: The Balad mission has grown considerably with over 240 aircraft assigned plus considerable transient missions. This project provides a taxiway connecting the south end of the two runways. Without this project, aircraft will continue to taxi an additional ½ mile to reach the other runway, considerable slowing down the flow of aircraft out of this critical combat airfield.

Summary of Military Construction Projects

Component: Air Force

Category*:

Project: BAAS083010, Helicopter Maintenance Facilities

Location: Balad AB, Iraq

Amount (\$000): \$34.6M

Description/Justification: Construct 33,900 SM concrete apron, replace and provide commercial shelters and utilities for rotary wing maintenance workshops and office space. Repair aircraft parking apron for rotary wing use.

Impact if not provided: The Balad mission has grown considerably with over 240 aircraft assigned plus considerable transient missions. This project moves temporary facilities off an aircraft capable parking ramp freeing up additional parking. Without this project, overflow aircraft will continue to block the taxiway effectively limiting the capability of this busy airfield.

Summary of Military Construction Projects

Component: Air Force

Category*:

Project: ALUA073008A, Facility Replacements

Location: Al Udeid, Qatar

Amount (\$000): \$40.0M

Description/Justification: Replace expeditionary operational, administrative, and community support facilities and construct new, semi-permanent or permanent facilities as needed to support existing and new missions. Many facilities at Al Udeid Air Base (a strategic and tactical airlift, refueling and bomber operations and ISR hub), were constructed to expeditionary standards in 2003/2004 to support the initial movements of Operation IRAQI FREEDOM.

Impact if not provided: The majority of the temporary facilities in place at Al Udeid were all constructed at roughly the same time as OEF kicked off. These temporary facilities as well as the undersized utility systems are starting to exceed their useful life and a considerable reinvestment is needed. Replacement of the worst facilities and utilities needs to start now before the worst facilities fail and effectively stop the mission.

Summary of Military Construction Projects

Component: Air Force

Category*:

Project: PKVV070001, Expeditionary Beddown Site Work

Location: Masirah Island AB, Oman

Amount (\$000): \$6.3M

Description/Justification: All work involved (including excavation, grading, and demolition) of existing ridges and hills to level a 185,000 SM (45.7 acre) site. Install approximately 1300 LM of chain link fencing with double outriggers and concertina wire. Remove HESCO barriers at existing site and relocate existing fencing for new site development.

Impact if not provided: If the new area is not prepared, CENTCOM's warfighting capability will be severely diminished if troops are not able to beddown at Masirah Island. In addition, Host Nation relations will be negatively affected if the existing compound is not relocated in the near term.

Summary of Military Construction Projects

Component: Air Force

Category*:

Project: BRVN070101, Strategic Ramp

Location: Manas AB, Kyrgyzstan

Amount (\$000): \$30.3M

Description/Justification: Construct a secure, concrete parking ramp to support strategic airlift operations (refueling and cargo) in support of OEF. Concrete will be designed to support medium-load aircraft. All edge lighting, area lighting, airfield markings and supporting infrastructure will be installed as necessary.

Impact if not provided: All cargo and refueling operations from Manas AB will continue on the main Manas International Airport parking ramp. Aircraft will continue to back-taxi on the active runway before take off due to aircraft parking overflowing onto the parallel taxiway as a result of the shortage of available space on the ramp. Security vulnerabilities from easy observation of the on-going missions will continue to put personnel and equipment at risk of observation by members of hostile organizations.