Department of the Air Force

Military Construction Program

Fiscal Year (FY) 2008/2009
Budget Estimates

Program Year 2008

Justification Data Submitted to Congress
February 2007

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Family Housing **PAGE NUMBER**

Department of the Air Force
Military Construction and Military Family Housing
Program Summary
Fiscal Year 2008

	Appropriation Request ($000s)	Authorization Request ($000s)
Military Construction	**(Sec 2301)**	**(Sec 2304)**
Inside the United States	704,913	669,913
Outside the United States	140,609	140,609
Planning and Design (10 USC 2807)	51,587	51,587
Unspecified Minor Construction (10 USC 2805)	15,000	15,000
Total Military Construction	**$ 912,109**	**$ 877,109**
Military Family Housing	**(Sec 2302/2303)**	**(Sec 2304)**
New Construction	56,275	56,275
Post Acquisition Construction	294,262	294,262
Advance Planning and Design	12,210	12,210
Subtotal MFH Construction	**$ 362,747**	**$ 362,747**
Operations, Utilities, and Maintenance	521,482	521,482
Leasing	114,394	114,394
Privatization	52,458	52,458
Debt Payment	1	1
Subtotal MFH O&M	**$ 688,335**	**$ 688,335**
Total	**$ 1,051,082**	**$ 1,051,082**
Reimbursement Program	**$ 8,663**	**$ 8,663**
Total Military Family Housing	**$ 1,059,745**	**$ 1,059,745**
Grand Total Air Force	**$ 1,971,854**	**$ 1,936,854**

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MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2008
(DOLLARS IN THOUSANDS)
INSIDE THE US

STATE/COUNTRY	INSTALLATION	PROJECT	APPROP REQUEST	AUTH REQUEST	PAGE
ALASKA	Elmendorf	F-22 Fighter Town East Infrastructure Phase 2	$ 7,100	$ 7,100	22
		F-22 7-Bay Aircraft Shelter	$ 21,400	$ 21,400	25
		F-22 Jet Engine Inspection and Maintenance Facility	$ 13,800	$ 13,800	28
		F-22 Taxiway, Taxilanes, & Arm/De-Arm Apron	$ 27,880	$ 27,880	31
		Elmendorf TOTAL:	$ 70,180	$ 70,180	
		ALASKA TOTAL:	$ 70,180	$ 70,180	
ARIZONA	Davis-Monthan	CSAR EC-130 Maintenance Hangar/AMU	$ 11,200	$ 11,200	35
		Davis-Monthan TOTAL:	$ 11,200	$ 11,200	
		ARIZONA TOTAL:	$ 11,200	$ 11,200	
CALIFORNIA	Edwards	Main Base Runway, Phase 3	$ 35,000	$ -	39
		Edwards TOTAL:	$ 35,000	$ -	
	Travis	C-17 Road Improvements	$ 4,600	$ 4,600	43
		C-17 Southwest Landing Zone	$ 22,000	$ 22,000	46
		Travis TOTAL:	$ 26,600	$ 26,600	
		CALIFORNIA TOTAL:	$ 61,600	$ 26,600	
COLORADO	Fort Carson	Air Support Operations Squadron Complex	$ 13,500	$ 13,500	50
		Fort Carson TOTAL:	$ 13,500	$ 13,500	
	Schriever	Air and Space Integration Facility	$ 24,500	$ 24,500	54
		Schriever TOTAL:	$ 24,500	$ 24,500	
	USAFA	Upgrade Academic Facility, Phase IV B	$ 15,000	$ 15,000	58
		USAFA TOTAL:	$ 15,000	$ 15,000	
		COLORADO TOTAL:	$ 53,000	$ 53,000	
DISTRICT OF COLUMBIA	Bolling	Communication Frame Facility	$ 2,500	$ 2,500	62
		Bolling TOTAL:	$ 2,500	$ 2,500	
		DISTRICT OF COLUMBIA TOTAL:	$ 2,500	$ 2,500	
FLORIDA	Eglin	Construct Seawalls, Santa Rosa Island Range Complex	$ 35,000	$ 35,000	66
		F-35 Integrated Training Center (ITC) Academics Bldg	$ 39,000	$ 39,000	69
		F-35 Squadron Operations/AMU/Hangar	$ 27,000	$ 27,000	72
		F-35 Add/Alter 53rd Joint Reprogramming Facility	$ 8,300	$ 8,300	75
		Repair Roads, Santa Rosa Island Range Complex	$ 49,000	$ 49,000	78
		Eglin TOTAL:	$ 158,300	$ 158,300	
	MacDill	CENTCOM Joint Intel Center, Phase III (See Congressional Language)	$ 25,000	$ -	83
		Alter USCENTCOM HQ	$ 57,000	$ 57,000	88
		MacDill TOTAL:	$ 82,000	$ 57,000	
	Patrick	Child Development Center	$ 11,854	$ 11,854	92
		Patrick TOTAL:	$ 11,854	$ 11,854	
	Tyndall	Fitness Center	$ 19,014	$ 19,014	96
		Repair Airfield	$ 25,100	$ 25,100	99
		Tyndall TOTAL:	$ 44,114	$ 44,114	
		FLORIDA TOTAL:	$ 296,268	$ 271,268	
GEORGIA	Robins	Aircraft Component Repair Facility	$ 14,700	$ 14,700	103
		Robins TOTAL:	$ 14,700	$ 14,700	
		GEORGIA TOTAL:	$ 14,700	$ 14,700	

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DEFINITIONS OF NEW AND CURRENT MISSION

NEW MISSION PROJECTS - New mission projects all support new and additional programs or initiatives that do not revitalize the existing physical plant. These projects support the deployment and beddown of new weapons systems; new or additional aircraft, missile, and space projects; and new equipment, i.e. radar, communication, computer satellite tracking and electronic security.

CURRENT MISSION PROJECTS - These projects revitalize the existing facility plant by replacing or upgrading existing facilities and alleviating long standing deficiencies not generated by new missions or equipment. Included are projects to improve the quality of life, upgrade the workplace, enhance productivity, and achieve compliance with environmental, health and safety standards.

FY08	APPROP ($000)	AUTH FOR APPROP ($000)
NEW MISSION	$303,754	$303,754
CURRENT MISSION	$541,768	$506,768
PLANNING & DESIGN	$51,587	$51,587
MINOR CONSTRUCTION	$15,000	$15,000
TOTAL:	$912,109	$877,109

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MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2008
(DOLLARS IN THOUSANDS)
CURRENT MISSION/NEW MISSION BREAKOUT

STATE/COUNTRY	INSTALLATION	PROJECT	APPROP REQUEST	AUTH REQUEST	TYPE
CALIFORNIA	Edwards	Main Base Runway, Phase 3	$ 35,000	$ -	CM
COLORADO	Schriever	Air and Space Integration Facility	$ 24,500	$ 24,500	CM
COLORADO	USAFA	Upgrade Academic Facility, Phase IV B	$ 15,000	$ 15,000	CM
DISTRICT OF COLUMBIA	Bolling	Communication Frame Facility	$ 2,500	$ 2,500	CM
FLORIDA	MacDill	Alter USCENTCOM HQ	$ 57,000	$ 57,000	CM
FLORIDA	MacDill	CENTCOM Joint Intel Center, Phase III	$ 25,000	$ -	CM
FLORIDA	Eglin	Construct Seawalls, Santa Rosa Island Range Complex	$ 35,000	$ 35,000	CM
FLORIDA	Eglin	Repair Roads, Santa Rosa Island Range Complex	$ 49,000	$ 49,000	CM
FLORIDA	Patrick	Child Development Center	$ 11,854	$ 11,854	CM
FLORIDA	Tyndall	Fitness Center	$ 19,014	$ 19,014	CM
FLORIDA	Tyndall	Repair Airfield	$ 25,100	$ 25,100	CM
GEORGIA	Robins	Aircraft Component Repair Facility	$ 14,700	$ 14,700	CM
GERMANY	Ramstein	Dormitory (128 RM)	$ 14,949	$ 14,949	CM
GERMANY	Ramstein	Fire Training Facility	$ 3,000	$ 3,000	CM
GERMANY	Ramstein	Joint Mobility Processing Center	$ 24,000	$ 24,000	CM
GUAM	Andersen	Upgrade NW Field Infrastructure	$ 10,000	$ 10,000	CM
ILLINOIS	Scott	Security Forces Operations Facility	$ 16,700	$ 16,700	CM
NORTH DAKOTA	Minot	Dormitory (144 Rm)	$ 18,200	$ 18,200	CM
NEBRASKA	Offutt	ADAL Intelligence Squadron Facility	$ 16,952	$ 16,952	CM
OKLAHOMA	Tinker	Consolidated Fuel Overhaul, Repair & Test Facility	$ 34,600	$ 34,600	CM
SPAIN	Albacete	Tactical Leadership Program Dorm (400 Rm)	$ 1,800	$ 1,800	CM
UNITED KINGDOM	RAF Lakenheath	F-15C Squad Ops/AMU	$ 15,500	$ 15,500	CM
UNITED KINGDOM	RAF Menwith Hill	Add/Alter Operations & Technical Facility	$ 31,000	$ 31,000	CM
UNITED KINGDOM	RAF Menwith Hill	Power Availability and Infrastructure Improvements	$ 10,000	$ 10,000	CM
UTAH	Hill	Aircraft Power Systems Repair Facility	$ 8,399	$ 8,399	CM
UTAH	Hill	Hydraulic Flight Control Facility	$ 8,400	$ 8,400	CM
WYOMING	FE Warren	Renovate Historic Dormitories	$ 14,600	$ 14,600	CM
		Current Mission Total:	$ 541,768	$ 481,768	
ALASKA	Elmendorf	F-22 Fighter Town East Infrastructure Phase 2	$ 7,100	$ 7,100	NM
ALASKA	Elmendorf	F-22 7-Bay Aircraft Shelter	$ 21,400	$ 21,400	NM
ALASKA	Elmendorf	F-22 Jet Engine Inspection and Maintenance Facility	$ 13,800	$ 13,800	NM
ALASKA	Elmendorf	F-22 Taxiway, Taxilanes, & Arm/De-Arm Apron	$ 27,880	$ 27,880	NM
ARIZONA	Davis-Monthan	CSAR EC-130 Maintenance Hangar/AMU	$ 11,200	$ 11,200	NM
CALIFORNIA	Travis	C-17 Road Improvements	$ 4,600	$ 4,600	NM
CALIFORNIA	Travis	C-17 Southwest Landing Zone	$ 22,000	$ 22,000	NM
COLORADO	Fort Carson	Air Support Operations Squadron Complex	$ 13,500	$ 13,500	NM
FLORIDA	Eglin	F-35 Add/Alter 53rd Joint Reprogramming Facility	$ 8,300	$ 8,300	NM
FLORIDA	Eglin	F-35 Integrated Training Center (ITC) Academics Bldg	$ 39,000	$ 39,000	NM
FLORIDA	Eglin	F-35 Squadron Operations/AMU/Hangar	$ 27,000	$ 27,000	NM
GERMANY	Ramstein	Small Diameter Bomb Facilities, Phase 2	$ 6,260	$ 6,260	NM
HAWAII	Hickam	C-17 Parking Ramp	$ 15,471	$ 15,471	NM
HAWAII	Hickam	DCGS Intel Squadron Operations Facility	$ 16,500	$ 16,500	NM
KANSAS	Fort Riley	Air Support Operations Squadron Complex	$ 12,515	$ 12,515	NM
NEW MEXICO	Cannon	Add/Alter C-130 Hangar	$ 1,688	$ 1,688	NM
OKLAHOMA	Altus	C-17 Sheet Metal/Composite Shop	$ 2,000	$ 2,000	NM
QATAR	Al Udeid	Multi-Aircraft Maintenance Hangar	$ 22,300	$ 22,300	NM
TEXAS	Lackland	Basic Expeditionary Airman Skill Training Phase 2	$ 14,000	$ 14,000	NM
UNITED KINGDOM	RAF Lakenheath	Small Diameter Bomb Storage Igloo	$ 1,800	$ 1,800	NM
UNSPECIFIED	Classified	Special Evaluation Program	$ 4,051	$ 4,051	NM
UNSPECIFIED	Classified	Special Evaluation Program	$ 9,889	$ 9,889	NM
UNSPECIFIED	Classified	Classified MILCON Project	$ 1,500	$ 1,500	NM
		New Mission Total:	$ 303,754	$ 303,754	
VARIOUS LOCATIONS	Various	Unspecified Minor Construction (Active)	$ 15,000	$ -	P341
VARIOUS LOCATIONS	Various	Planning & Design (Active)	$ 51,587	$ -	PLN
		Total Active AF Program	$ 912,109	$ 785,522	

MILITARY CONSTRUCTION PROGRAM
FISCAL YEAR 2008 PRESIDENT'S BUDGET
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DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM
FISCAL YEAR 2008

ECONOMIC CONSIDERATIONS

An economic evaluation has been accomplished for all projects costing over $2 million and the results are addressed in the individual DD Forms 1391.

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL

In accordance with Public Law, 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

ENVIRONMENTAL STATEMENT

In accordance with Section 102(2) (c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process (EIAP) has been completed or is actively underway for all projects in the Air Force FY 2008 Military Construction Program.

EVALUATION OF FLOOD PLAINS AND WETLANDS

All projects in the program have been evaluated for compliance with Executive Orders 11988, Flood Plain Management, and 11990, Protection of Wetlands, and the Flood Plain Management Guidelines of U.S. Water Resources Council. Projects have been sited to avoid or reduce the risk of flood loss, minimize the impact of floods on human safety, health and welfare, preserve and enhance the natural and beneficial values of wetlands and minimize the destruction, loss or degradation of wetlands.

FY 2008

CONGRESSIONAL REPORTING REQUIREMENTS

1. STATEMENTS ON NATO ELIGIBILITY

These are in response to the requirement in the FY 1988 Senate Appropriations Committee Report, 100-200, page 13, and are included in the appropriate project justification.

2. STATEMENTS ON COMPLIANCE WITH CONSTRUCTION MANUAL 4210.1M

These are in response to the requirement in the FY 1988 Senate Appropriations Conference Report, 100-498, page 1003, and are included in each project justification.

3. NEW AND CURRENT MISSION ACTIVITIES

The FY 1989 Senate Appropriations Committee Report, 100-380, pages 10 and 11, identified a requirement to include an exhibit in the budget justification books that displayed required projects in two separate categories: New Mission and Current Mission. The CM (current mission) or NM (new mission) designation, which follows the project on the listing at page 9, identifies each project as new or current mission. Additionally, each justification in Block 11 of the DD Form 1391 indicates whether the project supports a new or current mission.

4. RESOLUTION TRUST CORPORATION ASSETS

The FY 1991 Senate Armed Services Committee Report, 101-384, requested the Department to screen Resolution Trust Corporation assets to determine if proposed construction projects could be more economically met through the purchase of existing assets held by the Resolution Trust Corporation. The FY08 Military Construction program was compared to the current real estate asset inventory published by the Resolution Trust Corporation. It was determined, and the Department certified, that no assets exist that can be economically used in lieu of the FY08 projects requested.

5. REAL PROPERTY MAINTENANCE

The FY 1997 House Appropriations Committee Report, 104-591, page 11, requested the Department to provide the real property maintenance backlog at all installations for which there is a requested construction project. Each DD Form 1390 reflects this information in block 12. In addition, the report requested all troop housing requests to show all real property maintenance conducted in the past two years and all future requirements for unaccompanied housing at that installation. Each DD Form 1391 for troop housing reflects this information in block 11.

6. METRIC CONVERSION

The FY 1999 House Appropriation Committee Report, 105-578, page 11, requested the Department to ensure that any Form 1390/1391, which is presented as justification in metric measurement, shall include parenthetically the English measurement. Each DD Form 1391 reflects the metric and English equivalent in block 11.

7. PROGRAM ASSESSMENT RATING TOOL (PART)

In accordance with the President's Management Agenda, Budget and Performance Integration initiative, this program has been assessed using the Program Assessment Rating Tool (PART). Remarks regarding program performance and plans for performance improvement can be located at the Expectmore.gov website.

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FY 2008

NON-MILCON FUNDING

Research and Development (RDT&E) **NONE**

FY 2008

THIRD PARTY FINANCING

Test of Long-Term Facilities Contracts	**NONE**

APPROPRIATIONS
&
AUTHORIZATIONS LANGUAGE

APPROPRIATIONS
MILITARY CONSTRUCTION, AIR FORCE

For acquisition, construction, installation, and equipment of temporary or permanent public works, military installations, facilities, and real property of the Air Force as currently authorized by law $912,109,000 to remain available until September 30, 2012: Provided that, of this amount, not to exceed $51,587,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefore.

AUTHORIZATIONS
MILITARY CONSTRUCTION, AIR FORCE

SEC. 2305. MODIFICATION OF AUTHORITY TO CARRY OUT CERTAIN FISCAL YEAR 2006 PROJECT.

(a) MODIFICATION OF INSIDE THE UNITED STATES PROJECT. --- The table in section 2301(a) of the Military Construction Authorization Act for Fiscal Year 2006 (division B of Public Law 109-163; Stat. 3494) was amended in the National Defense Authorization Act for Fiscal Year 2007 relating to MacDill Air Force Base, Florida, by striking "$107,200,000" in the amount column and inserting "$101,500,000". The table in section 2301 (a) of the Military Construction Authorization Act for Fiscal Year 2006 shall be further amended by striking "$101,500,000" in the amount column and inserting "$126,500,000".

SEC. 2304. AUTHORIZATION OF APPROPRIATIONS, AIR FORCE.

For the construction of increment 3 of the CENTCOM Joint Intelligence Center at MacDill Air Force Base, Florida, authorized by section 2301 (a) of the Military Construction Authorization act for Fiscal Year 2006 (division B of Public Law 109-163; 119 Stat. 3494), as amended by section 2305 of this act, $25,000,000.

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1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST COST INDEX
ELMENDORF AIR FORCE BASE ALASKA	PACIFIC AIR FORCES	1.68

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 06	909	6,542	1,778	0	63	0	117	393	2,300	12,102
END FY 2011	904	6,365	1,724	0	63	0	117	393	2,300	11,866

7. INVENTORY DATA ($000)

Total Acreage:	13,123	
Inventory Total as of : (30 Sep 06)		7,087,740
Authorization Not Yet in Inventory:		12,060
Authorization Requested in this Program:		70,180
Authorization Included in the Following Program:	(FY 2009)	120,100
Planned in Next Four Years Program:		96,471
Remaining Deficiency:		196,900
Grand Total:		7,583,451

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
842-245	F-22 Fighter Town East Infrastructure Ph 2		LS	7,100	Design build	
141-181	F-22 7-Bay Aircraft Shelter	4,197	SM	21,400	Oct-06	Sep-07
211-157	F-22 Jet Engine Inspection & Maint	3,134	SM	13,800	Oct-06	Sep-07
112-211	F-22 Taxiway, Taxilanes &Arm/De-Arm Apron	126,400	SM	27,880	Design Build	
		Total		70,180		

9a. Future Projects: Included in the Following Program: (FY2009)

851-147	C-17 Restore Road	21,182	LM	2,000
141-181	F-22 7 Bay Aircraft Shelter	4,197	SM	21,000
141-181	F-22 8-Bay Aircraft Shelter	4,783	SM	23,000
218-712	F-22 Aircraft Spt Equip (AGE) Shop and Storage	1,027	SM	7,200
211-159	F-22 Corrosion Ctrl/LO MX/Composite Rpr Fac,	2,118	SM	22,400
171-617	F-22 Field Training Detachment	1,264	SM	6,500
211-111	F-22 Sq Ops/AMU/6 Bay Hangar	6,706	SM	38,000
		Total		120,100

9b. Future Projects: Typical Planned Next Four Years:

219-944	Entomology Facility	220	SM	2,532
811-145	Rpr Arctic Utilities and Infrastr, Ph 1/10	1	LS	9,900
171-875	F-22 Munitions Load Crew Training	2,565	SM	12,600
215-552	F-22 Weapons Release Systems Shop and AME	2,594	SM	9,900
141-449	Red Flag Vaulted Operations Facility	311	SM	3,100
214-425	Automated Vehicle Wash/Ops Facility	464	SM	5,300
422-253	Segregated Magazine Storage	825	SM	4,339
721-315	Renovate Denali Hall	13,209	SM	16,500
179-511	Joint Regional Fire Training Facility	760	SM	6,000
217-712	Replace Avionics Shop	2,508	SM	10,800
171-618	C-17 Maintenance Training Device Facility	2,656	SM	15,500
		Total		96,471

9c. Real Property Maintenance Backlog This Installation ($M) 53

10. Mission or Major Functions: An host fighter wing supporting an three F-15C/E squadrons, a C-130H and 12F/J tactical airlift squadron, as well as E-3 airborn air control squadron. Also included is a full maintenance complex for all aircraft.

11. Outstanding pollution and Safety (OSHA Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 24 Jul 00

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ELMENDORF AIR FORCE BASE, ALASKA	F-22 FIGHTER TOWN EAST INFRASTRUCTURE PHASE 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27138	842-245	FXSB073029	7,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				6,139
WATER DISTRIBUTION MAINS	LM	4,360	504	(2,196)
UNDERGROUND ELECTRICAL DISTRIBUTION SYSTEM	LM	2,187	824	(1,802)
SANITARY SEWER SYSTEM	LM	1,023	515	(527)
STORM DRAINAGE	SM	50,000	26	(1,292)
COMMUNICATIONS	LM	850	378	(322)
SUPPORTING FACILITIES				220
SITE IMPROVEMENTS	LS			(220)
SUBTOTAL				6,359
CONTINGENCY (5.0%)				318
TOTAL CONTRACT COST				6,677
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				434
TOTAL REQUEST				7,111
TOTAL REQUEST (ROUNDED)				7,100

10. Description of Proposed Construction: Expand infrastructure and utility systems to include extending a looped water distribution system; concrete-encased underground electrical distribution system; expanding wastewater collection system with pump stations and forced mains; upgrading communications cable backbone and extend copper/fiber to the area; site grading; and expanded storm water drainage.

11. Requirement: LS Adequate: LS Substandard: LS

PROJECT: F-22 Fighter Town East Infrastructure, Phase II. (New Mission)

REQUIREMENT: Properly sized and configured utilities and infrastructure are required to support the beddown of 36 F-22A aircraft and their associated MILCON projects. The beddown will increase demand on existing utility and infrastructure systems beyond current capacity. Upgrades to existing fire protection, water, sewage, power, and communications are required to ensure adequate and reliable operation of approximately 31,900 square meters of new facilities in the Fighter Town East area. Aircraft arrival is scheduled to begin in January 2008.

CURRENT SITUATION: The existing infrastructure in the Fighter Town East area is not adequate to support the facilities to be constructed for the F-22A. The first phase of the Fighter Town East Infrastructure project provides only initial infrastructure to the site to support the first few facilities. This phase will provide the complete infrastructure required to support the full F-22A requirement. All new construction in this area will require the utility infrastructure provided by this project.

IMPACT IF NOT PROVIDED: Programmed F-22A projects cannot be constructed, or will not have basic utilities required to operate. Essential beddown facilities will not be complete and will negatively impact F-22A operational and maintenance capabilities.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ELMENDORF AIR FORCE BASE, ALASKA	F-22 FIGHTER TOWN EAST INFRASTRUCTURE PHASE 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27138	842-245	FXSB073029	7,100

Transfer of information between new mission facilities cannot occur and will severely impact operational capabilities.

ADDITIONAL: Project was programmed in accordance with AFH 32-1084, Facility Requirements. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates there is only one option that will meet mission requirements. A certificate of exception has been prepared. Base Civil Engineer: Col Michael R. Hass (907) 552-3007. Water Lines: 4,360 LM = 14,043 LF. Wastewater Lines: 1,023 LM = 3,356 LF. Communication Lines: 850 LM = 2,789 LF. Electrical underground: 2,187 LM = 7,175 LF. Storm Drain Basin: 50,000 SM = 59,780 SY.

JOINT USE CERTIFICATION: This is an installation utility/infrastructure project, and does not qualify for joint use at this location. However, all tenants on this installation will benefit by this project.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ELMENDORF AIR FORCE BASE, ALASKA	F-22 FIGHTER TOWN EAST INFRASTRUCTURE PHASE 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27138	842-245	FXSB073029	7,100

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 355

(4) Construction Contract Award 08 FEB

(5) Construction Start 08 MAR

(6) Construction Completion 08 OCT

(7) Energy Study/Life-Cycle analysis was/will be performed NO

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ELMENDORF AIR FORCE BASE, ALASKA	F-22 7-BAY AIRCRAFT SHELTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27138	141-181	FXSB073027	21,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				15,418
AIRCRAFT SHELTER (7-BAY)	SM	4,197	3,637	(15,266)
ANTI-TERRORISM/FORCE PROTECTION	LS			(153)
SUPPORTING FACILITIES				3,732
UTILITIES	LS			(892)
SITE IMPROVEMENTS	LS			(656)
COMMUNICATIONS	LS			(193)
AIRFIELD PAVEMENTS	SM	10,007	199	(1,991)
SUBTOTAL				19,151
CONTINGENCY (5.0%)				958
TOTAL CONTRACT COST				20,108
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				1,307
TOTAL REQUEST				21,415
TOTAL REQUEST (ROUNDED)				21,400
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(50.0)

10. Description of Proposed Construction: Construct concrete foundation meeting Alaska seismic and frost heaving requirements, structural steel frame with metal skin and built-up roof, consisting of 7 bays for F-22A aircraft with flow-through capability. Aircraft doors at both ends shall be electric bi-fold or overhead type. Lighting shall be high-bay and underwing, and heating shall be with floor heaters. Project includes fire suppression/detection, intrusion detection system, environmental controls, utilities, pavements, parking, Priority Level 3 security requirements, site improvements, and all necessary supporting facilities for a complete and usable facility. This project will comply with DoD anti-terrorism/force protection requirements per unified facilities criteria.

Air Conditioning: 0 Tons

11. Requirement: 17781 SM Adequate: 4604 SM Substandard: 0 SM

PROJECT: Construct F-22 7-Bay aircraft shelter. (New Mission)

REQUIREMENT: An adequately sized and properly configured facility is required to support operations of 36 F-22A fighters. Shelters are required to sustain aircraft generation rates during cold weather, mitigate the impact of arctic weather on aircraft support equipment, and maintain overall fleet health. This facility, combined with an existing 8-bay shelter, will provide enough covered space to generate sorties for one squadron of aircraft. Aircraft delivery is scheduled to begin in January 2008.

CURRENT SITUATION: Generating aircraft in the winter requires maintenance operations and aircraft generation to be performed in temperatures as low as -30 degrees Fahrenheit. Maintainer productivity is reduced 33 percent when temperatures are below +15 degrees due to directed work/rest cycles IAW AFPAM 48-151. Aircraft shelters will protect Airmen from extreme cold conditions, reducing aircraft

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA	4. PROJECT TITLE F-22 7-BAY AIRCRAFT SHELTER	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27138	141-181	FXSB073027	21,400

generation time and saving maintenance hours by allowing crews to work in less harsh conditions. Aircraft support equipment issues are also a concern. The fuel in support equipment can thicken in cold weather, rendering the equipment non-operational and losing valuable maintenance time. Additionally, the F-22A Auxiliary Power System requires a 30-minute pre-heat in cold weather. Aircraft shelters eliminate the need for pre-heating, shortening aircraft generation times. Finally, although the F-22A has conducted cold weather testing in a controlled environment, the long-term effects of de-icing solution on the aircraft are unknown. If left in the cold, canopy de-icing is done using hoses connected to off-aircraft heaters. While this works fine for legacy aircraft, the F-22A has protective film on the outside of the canopy, exposing it to possible damage from the hose ends. Damage to the film requires a $1M repair. There is no other facility available for this purpose.

IMPACT IF NOT PROVIDED: Adequate facilities will not be available to perform essential daily periodic maintenance, repair, and aircraft generation procedures for the F-22A. Equipment and personnel will be exposed to extreme weather conditions, exposing aircraft to potential damage, degrading launch capability, and increasing manpower requirements. Critical combat training mission operations will be severely impacted.

ADDITIONAL: A preliminary analysis of reasonable options (status quo, upgrade/removal, new construction) for satisfying this requirement indicates that only one option will meet operational requirements. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Antiterrorism force protection features will be in accordance with local threat assessment. Base Civil Engineer: Col Michael R. Hass (907) 552-3007. Flow-through Aircraft Shelter: 4,197 SM = 45,176 SF. Pavement: 10,007 SM = 11,968 SY.

BASE CIVIL ENGINEER: Semmler

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of this project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ELMENDORF AIR FORCE BASE, ALASKA	F-22 7-BAY AIRCRAFT SHELTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27138	141-181	FXSB073027	21,400

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	15-OCT-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	01-MAR-07
(e) Date Design Complete	30-SEP-07
(f) 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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	**($000)**
(a) Production of Plans and Specifications	1,284
(b) All Other Design Costs	642
(c) Total	1,926
(d) Contract	1,712
(e) In-house	214
(4) Construction Contract Award	**08 FEB**
(5) Construction Start	**08 MAR**
(6) Construction Completion	**10 MAR**

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS EQUIPMENT	3400	2008	50

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ELMENDORF AIR FORCE BASE, ALASKA	F-22 JET ENGINE INSPECTION AND MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27138	211-157	FXSB073014	13,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				10,751
SHOP, JET ENGINE INSPECTION AND MAINTENANCE	SM	3,134	3,396	(10,644)
ANTI-TERRORISM/FORCE PROTECTION	LS			(106)
SUPPORTING FACILITIES				1,602
UTILITIES	LS			(291)
PAVEMENTS	LS			(267)
SITE IMPROVEMENTS	LS			(253)
COMMUNICATIONS	LS			(349)
DEMOLITION	SM	4,251	104	(442)
SUBTOTAL				12,353
CONTINGENCY (5.0%)				618
TOTAL CONTRACT COST				12,971
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				843
TOTAL REQUEST				13,814
TOTAL REQUEST (ROUNDED)				13,800
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(130)

10. Description of Proposed Construction: Concrete foundation meeting Alaska seismic and frost heaving requirements, structural steel frame with insulated metal skin, and standing seam metal roof. Includes work areas, fire suppression/ detection, intrusion detection system, environmental controls, communications, utilities, pavements, parking, site improvements, and all necessary support for a complete and usable facility. Demolish three buildings (4,251 SM). This project will comply with DoD anti-terrorism/force protection requirements per unified facilities criteria.

11. Requirement: 3134 SM Adequate: 0 SM Substandard: 4251 SM

PROJECT: Construct F-22 Jet Engine Inspection and Maintenance Facility. (New Mission)

REQUIREMENT: An adequately sized and configured shop is required to provide limited off-equipment maintenance for the F119-PW-100 turbofan engine and its components, including inspection and repair of engines and modules, engine test, diagnostic inspection and component replacement. The facility must also provide space for engine/module tear-down, buildup, component replacement, and shipping/receiving. Separate enclosed areas for administration, engine tracking, training, miscellaneous storage, support equipment (SE), stands, trailers and in-shop training must also be available. Aircraft arrival is scheduled to begin in Jauary 2008.

CURRENT SITUATION: The existing engine shop's total square footage is poorly configured to support the addition of the F-22A, and lacks required high bay workspace. The shop was constructed 30 years ago to house engine maintenance

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA		4. PROJECT TITLE F-22 JET ENGINE INSPECTION AND MAINTENANCE FACILITY	
5. PROGRAM ELEMENT 27138	6. CATEGORY CODE 211-157	7. PROJECT NUMBER FXSB073014	8. PROJECT COST ($000) 13,800

operations for one flying squadron. The existing shop, which also supports the F-15 jet fuel starter and AGE equipment small gas turbine maintenance needs of the base, operates within confined areas and has numerous infrastructure shortfalls that drive inefficient work-arounds. Maintainers are forced to accomplish module maintenance in a low bay area and then move the module into a high bay area in another facility to utilize a bridge crane for some tasks. The new shop will be a consolidated engine repair shop for all fighter aircraft on the base.

IMPACT IF NOT PROVIDED: Existing facilities at Elmendorf AFB cannot meet or support the specialized maintenance and repair requirements for the turbofan engine and other engine components of the F-22A aircraft. The lack of an adequately sized and configured shop will significantly impact aircraft mission readiness directly attributable to engine maintenance capability limitations.

ADDITIONAL: This project meets the criteria/scope specified in "F/A-22 Facilities Requirements Plan Rev. T" October 2005. A preliminary analysis of reasonable options (status quo, upgrade/removal, new construction) for satisfying this requirement indicates that only one option will meet operational requirements. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Antiterrorism force protection features will be in accordance with local threat assessment. Base Civil Engineer: Col Michael R. Hass (907) 552-3007. Jet Engine Inspection and Maintenance: 3,134 SM = 33,739 SF; Demolish three buildings: 4,251 SM = 45,758 SF.

BASE CIVIL ENGINEER: Semmler

JOINT USE CERTIFICATION: These facilities can be used by other components on an "as available" basis; however, the scope of this project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA	4. PROJECT TITLE F-22 JET ENGINE INSPECTION AND MAINTENANCE FACILITY	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27138	211-157	FXSB073014	13,800

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 690

(4) Construction Contract Award 08 FEB

(5) Construction Start 08 MAR

(6) Construction Completion 09 OCT

(7) Energy Study/Life-Cycle analysis was/will be performed NO

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPR(	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNITURE	3400	2009	80
COMMUNICATIONS EQUIPMENT	3400	2009	50

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ELMENDORF AIR FORCE BASE, ALASKA	F-22 TAXIWAY, TAXILANES & ARM/DE-ARM APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27138	112-211	FXSB073011A	27,880

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				20,572
TAXIWAY	SM	42,800	172	(7,362)
AIRCRAFT RAMP	SM	48,000	161	(7,728)
SHOULDERS	SM	35,600	154	(5,482)
SUPPORTING FACILITIES				4,321
SITE IMPROVEMENTS	LS			(1,644)
AREA LIGHTING	LS			(526)
COMMUNICATIONS	LS			(88)
TAXIWAY LIGHTING	LS			(1,363)
ENVIRONMENTAL REMEDIATION	LS			(300)
REPAIR EXISTING RAMP	LS			(400)
SUBTOTAL				24,893
CONTINGENCY (5.0%)				1,245
TOTAL CONTRACT COST				26,138
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				1,699
TOTAL REQUEST				27,837
TOTAL REQUEST (ROUNDED)				27,880

10. Description of Proposed Construction: Construct asphalt airfield pavements consisting of taxilanes, parallel taxiway, ramp, concrete arm and de-arm apron, and 25-foot asphalt shoulders. Upgrade existing tow lane to new parrallel taxiway with 25-foot asphalt shoulders. Includes pavement markings, taxiway edge lighting, site improvements to include storm drainage, and all necessary supporting facilities for a complete and usable facility. Project will meet the criteria specified in UFC 3-260-01, "Airfield and Heliport Planning and Design," as of 1 November 2001.

11. Requirement: LS Adequate: LS Substandard: LS

PROJECT: Construct F-22 Taxiway, Taxilanes & Arm/De-Arm Apron. (New Mission)

REQUIREMENT: Adequate taxiway, parking space, arm/de-arm apron, and area lighting to support the beddown of 36 F-22A aircraft. This pavement will be used by one squadron of assigned F-22A aircraft and by all aircraft transiting to and from the low observable maintenance facility and other maintenance facilities. Aircraft arrival is scheduled to begin in January 2008.

CURRENT SITUATION: There is no airfield taxiway or apron on the east side of Runway 6. The east side of the runway is the only area available for siting new facilities required for the F-22A that meet airfield design criteria. The existing ramp on the west side of the airfield violates airfield design criteria. Facilities sited in this area include the second squadron's squadron operations/maintenance hangar, 15 aircraft shelters, munitions load crew training hangar, corrosion control/low observable maintenance facility, and associated maintenance shops.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ELMENDORF AIR FORCE BASE, ALASKA	F-22 TAXIWAY, TAXILANES & ARM/DE-ARM APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27138	112-211	FXSB073011A	27,880

IMPACT IF NOT PROVIDED: Adequate ramp space will not be available to support parking the second squadron of F-22A aircraft. Aircraft will not be able to access F-22A mission and maintenance facilities.

ADDITIONAL: A preliminary analysis of reasonable options (status quo, renovation, upgrade/removal, new construction) for satisfying this requirement indicates that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Antiterrorism force protection features will be in accordance with local threat assessment. Base Civil Engineer: Col Michael R. Hass (907) 552-5007. Taxiway: 58,755 SM = 70,270 SY. Ramp: 27,446 SM = 32,825 SY. Taxiway Lighting: 1,350 M = 4,429 Ft.

JOINT USE CERTIFICATION: This is an installation utility/infrastructure project, and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ELMENDORF AIR FORCE BASE, ALASKA	F-22 TAXIWAY, TAXILANES & ARM/DE-ARM APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27138	112-211	FXSB073011A	27,880

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 836

(4) Construction Contract Award 08 FEB

(5) Construction Start 08 MAR

(6) Construction Completion 09 OCT

(7) Energy Study/Life-Cycle analysis was/will be performed NO

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	AIR COMBAT COMMAND	0.99

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	1013	5686	1749	0	553	0	2	24	471	9,498
END FY 2011	1041	5856	1721	0	553	0	2	24	471	9,668

7. INVENTORY DATA ($000)		
a. Total Acreage:	10,953	
b. Inventory Total as of : (30 Sep 06)		1,916,244
c. Authorization Not Yet in Inventory:		4,600
d. Authorization Requested in this Program:		11,200
e. Authorization Included in the Following Program: (FY 2009)		0
f. Planned in Next Four Years Program:		37,600
g. Remaining Deficiency:		97,600
h. Grand Total:		2,067,244

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
211-175	CSAR EC-130 Maint Hangar/AMU	3,973	SM	11,200	Jun-06	Sep-07
			Total	11,200		

9a. Future Projects: Included in the Following Program: (FY2009)
None

9b. Future Projects: Typical Planned Next Four Years:

211-173	AMARC Hangar	7,130	SM	17,000
610-281	Consolidated Mission Support Center	3,300	SM	7,200
731-142	Fire/Crash Rescue Station	3,500	SM	13,400
			Total	37,600

9c. Real Propery Maintenance Backlog This Installation: 98

10. Mission or Major Functions: Headquarters 12th Air Force; a wing with two fighter training squadrons responsible for training all A/OA-10 aircrews; one A/OA-10 fighter squadron, two EC-130 electronic combat squadrons, a tactical air control wing; an Air Force Reserve HH-60 rescue squadron; and Air Force Material Command's Aerospace Maintenance and Regeneration Center.

11. Outstanding Pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	CSAR EC-130 MAINTENANCE HANGAR/AMU

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27248	211-175	FBNV053002	11,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				8,391
MAINTENANCE HANGAR	SM	2,695	2,256	(6,080)
AIRCRAFT MAINTENANCE UNIT	SM	1,278	1,777	(2,271)
ANTI-TERRORISM/FORCE PROTECTION	SM	3,973	10	(40)
SUPPORTING FACILITIES				1,775
UTILITIES	LS			(740)
PAVEMENTS	LS			(536)
SITE IMPROVEMENTS	LS			(222)
COMMUNICATION SUPPORT	LS			(200)
DEMOLITION/ASBESTOS REMOVAL	SM	704	110	(77)
SUBTOTAL				10,166
CONTINGENCY (5.0%)				508
TOTAL CONTRACT COST				10,674
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				608
TOTAL REQUEST				11,283
TOTAL REQUEST (ROUNDED)				11,200
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(15.0)

10. Description of Proposed Construction: Construction includes split-faced block with reinforced concrete foundation and floor slab, standing seam metal roof, fire detection/suppression, utilities, concrete approach ramp, site improvements, roads, parking and all necessary support. Demolition of one facility (704 SM). Project will comply with minimum DoD anti-terrorism/ force protection requirements per unified facilities criteria.

Air Conditioning: 200 Tons

11. Requirement: 22431 SM Adequate: 18458 SM Substandard: 704 SM

PROJECT: Construct CSAR EC-130 maintenance hangar/aircraft maintenance unit. (New Mission)

REQUIREMENT: The EC-130 maintenance hangar/aircraft maintenance unit will support the beddown of the Combat Search and Rescue (CSAR) mission at Davis-Monthan AFB and the activation of an EC-130 squadron with 10 aircraft. The single-bay hangar is required to prepare, service, and maintain EC-130 aircraft.

CURRENT SITUATION: No facility exists on Davis-Monthan AFB to support this mission. There is no available space to accommodate the mission requirements.

IMPACT IF NOT PROVIDED: The EC-130 mission will not be able to complete its beddown at Davis-Monthan. This will hamper readiness efforts and the new CSAR squadron will not be fully functional.

ADDITIONAL: The project meets the criteria/scope specified in Air Force Handbook 32-1084 "Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA		4. PROJECT TITLE CSAR EC-130 MAINTENANCE HANGAR/AMU	
5. PROGRAM ELEMENT 27248	6. CATEGORY CODE 211-175	7. PROJECT NUMBER FBNV053002	8. PROJECT COST ($000) 11,200

construction) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared. Bldg 139 being demolished is in the runway clearzone.
Base Civil Engineer: Lt Col Karl Bosworth, (520) 228-3401.
Maintenance Hangar: 2,695 SM = 29,009 SF, Aircraft Maintenance Unit: 1,278 SM = 13,756 SF.

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	CSAR EC-130 MAINTENANCE HANGAR/AMU

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27248	211-175	FBNV053002	11,200

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	01-JUN-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	100%
* (d) Date 35% Designed	01-JAN-07
(e) Date Design Complete	30-SEP-07
(f) 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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	672
(b) All Other Design Costs	336
(c) Total	1,008
(d) Contract	896
(e) In-house	112
(4) Construction Contract Award	08 FEB
(5) Construction Start	08 MAR
(6) Construction Completion	10 MAR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS	3080	2008	15

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST
EDWARDS AIR FORCE BASE	AIR FORCE MATERIEL	COST INDEX
CALIFORNIA	COMMAND:	1.28

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	818	2477	5129				29	20	112	8,585
END FY 2011	786	2333	5141				29	20	112	8,421

7. INVENTORY DATA ($000)

Total Acreage:	300,911	
Inventory Total as of : (30 Sep 06)		4,004,521
Authorization Not Yet in Inventory:		103,000
Authorization Requested in this Program:		35,000
Authorization Included in the Following Program:	(FY 2009)	3,100
Planned in Next Four Years Program:		126,631
Remaining Deficiency:		39,840
Grand Total:		4,312,092

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
111-111	Main Base Runway, Ph 3	650,568	SM	35,000	Design Build	
		Total		35,000		

9a. Future Projects: Included in the Following Program: (FY2009)

113-321	F-35 Ramp and Security Upgrade	14,150	SM	3,100	Design Build	
		Total		3,100		

9b. Future Projects: Typical Planned Next Four Years:

721-312	Dormitory (96 RM)	3,346	SM	13,147		
740-674	Fitness Center	7,119	SM	27,500		
422-258	Upgrade Munitions Complex	10,352	SM	16,500		
311-115	46th TW - Flight Test Admin Facility	4,552	SM	20,400		
111-111	Main Base Runway, Phase IV	117,850	SM	28,000		
311-171	Replace Engineering Technical Facility	5,888	SM	19,554		
842-245	South Base Water Loop	3,353	SM	1,530		
		Total		126,631		

9c. Real Propery Maintenance Backlog This Installation ($M) 497.6

10. Mission or Major Functions: Air Force Flight Test Center which is responsible for flight test activities for all USAF aircraft and related avionics, flight control, and weapons systems; a test wing; an air base wing; Air Force Test Pilot School; the Propulsion Directorate of the Air Force Research Laboratory; a space surveillance squadron; and a landing site for the space shuttle.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION EDWARDS AIR FORCE BASE, CALIFORNIA	4. PROJECT TITLE MAIN BASE RUNWAY, PHASE 3	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72806	111-111	FSPM013504B	APPR: 35,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				87,825
NEW TEMPORARY RUNWAY	SM	260,223	120	(31,227)
REPAIR EXISTING RUNWAY	SM	390,335	145	(56,599)
SUPPORTING FACILITIES				4,950
TAXIWAY CONNECTORS	LS			(1,100)
TURN AROUND PAD	LS			(450)
RELOCATE UTILITIES	LS			(2,100)
BAK-12 ARRESTING SYSTEM RELOCATION	LS			(1,300)
SUBTOTAL				92,775
CONTINGENCY (5.0%)				4,639
TOTAL CONTRACT COST				97,414
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				5,553
TOTAL REQUEST				102,967
TOTAL REQUEST (ROUNDED)				103,000

10. Description of Proposed Construction: Construct a temporary asphalt runway with associated taxiway connectors 2,500 ft from the existing main runway and reconstruct the existing main runway. Both runways must be capable of supporting large aircraft, including the B-52. Phase I will construct the temporary runway and phase 2 and phase 3 will repair the existing runway.

11. Requirement: 650558 SM Adequate: 0 SM Substandard: 390335 SM

PROJECT: Main Base Runway, phase 3. (Current Mission)

REQUIREMENT: Edwards AFB requires a runway that can safely support a wide range of aircraft test operations, including launch and recovery of prototype aircraft, heavy aircraft operations to include the B-52 and KC-135, various forms of failure testing as well as recovery and transport of the NASA Space Shuttle. The existing runway operations must be maintained during any construction. Construction of a temporary runway is needed to allow transfer of many flight operations from the existing runway during construction. Missions that require a 15,000 ft runway include refused take-off testing of heavy aircraft, wet brake testing of heavy aircraft, hot weather operations of specific aircraft such as the T-38, and recovery and transport of the NASA Space Shuttle.

CURRENT SITUATION: The main base runway which supports almost every flight operation at Edwards Air Force Base is nearly 50 years old and is rapidly degrading as a result of Alkali-Silica Reaction (ASR), a reaction between the cement and the aggregate that creates map cracking, scaling and spalling of the concrete. Increased sweeper operations and Foreign Object Debris (FOD) walks are necessary to eliminate concrete chunks several inches across that are routinely discovered. Emergency FOD repairs have forced runway closures affecting 10 to 15 flights for each closure. Pavement Condition Index (PCI) numbers are dropping rapidly, which is indicative of pavements nearing the end of their useful life. The runway will soon fail functionally and will

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION EDWARDS AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE MAIN BASE RUNWAY, PHASE 3	
5. PROGRAM ELEMENT 72806	6. CATEGORY CODE 111-111	7. PROJECT NUMBER FSPM013504B	8. PROJECT COST ($000) APPR: 35,000

no longer be safe for aircraft operations. In early FY03 the runway was evaluated by a tri-service team of experts who rated the pavement condition along the centerline as MARGINAL, with portions predicted to be UNSATISFACTORY within the next year. Functional failure of the runway is expected in 2008. No other runways at Edwards AFB can safely support the current and projected test operations without significant test mission delays. Temporary relocation of these missions is not feasible. However, many of the current and planned test missions can be supported by a new temporary runway.

IMPACT IF NOT PROVIDED: This project was fully authorized at $103.0M in FY06 with incremental appropriations over three years starting with FY06 ($37.0M), FY07 ($31.0M), and FY08 request at $35.0M. The last appropriation in FY08 is necessary to complete this repair of the existing runway. Without repair the existing runway will be unsafe for aircraft operations and require relocation of nearly all test missions at Edwards AFB. Test delays and increasing costs will result. The rapidly increasing FOD hazard will continue to endanger pilots, and increase the risk of damage to expensive one-of-a-kind aircraft and engines.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". An economic analysis has been completed comparing the costs of various options. Base Civil Engineer: Mr. James E. Judkins, (661) 277-2910. Phase 1 (FY06) appropriated at $37.0M, Phase 2 (FY07) appropriated at $31.0M), and Phase 3 (FY08) Appropriation requested $35.0M. New Temp Runway: 260,223 SM = 2,800,000 SF; Repair Existing Runway 390,335 SM = 4,200,000 SF.

JOINT USE CERTIFICATION: This is an installation main infrastructure project. Project is fully funded by the Air Force. However, all tenants on this installation are benefited by this project.

	APPROVED BY CONGRESS FY 2006	APPROVED BY CONGRESS FY 2007	REQUESTED FY 2008
AUTHORIZATION OF THE PROJECT	$103.0M	0	0
AUTHORIZATION FOR APPROPRIATION	$37.0M	$31.0M	$35.0M
APPROPRIATION	$37.0M	$31.0M	$35.0M

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EDWARDS AIR FORCE BASE, CALIFORNIA	MAIN BASE RUNWAY, PHASE 3

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72806	111-111	FSPM013504B	APPR: 35,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 1,750

(4) Construction Contract Award 07 DEC

(5) Construction Start 08 JAN

(6) Construction Completion 09 FEB

(7) Energy Study/Life-Cycle analysis was/will be performed NO

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
TRAVIS AIR FORCE BASE CALIFORNIA	AIR MOBILITY COMMAND	1.26

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	1786	8955	2369	0	0	0	72	698	1158	15,038
END FY 2011	1804	8900	2317	0	0	0	72	698	1158	14,949

7. INVENTORY DATA ($000)

Total Acreage:		6383
Inventory Total as of : (30 Sep 06)		3,060,808
Authorization Not Yet in Inventory:		170,705
Authorization Requested in this Program:	(FY 2008)	26,600
Authorization Included in the Following Program:	(FY 2009)	0
Planned in Next Four Years Program:	(FY 2010-2013)	22,700
Remaining Deficiency:		88,100
Grand Total:		3,368,913

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
111-111	C-17 Southwest Landing Zone	53,010	SM	22,000	Jun-05	Sep-07
851-147	C-17 Road Improvements	22,558	SM	4,600	Apr-06	Sep-07
			TOTAL	26,600		

9a. Future Projects: Included in the Following Program: (FY2009)

None

TOTAL		0

9b. Future Projects: Typical Planned Next Four Years:

141-753	Global Support Squadron Facility	2,400	SM	10,800
730-142	Large Fire/Rescue Station	2,935	SM	11,900
			TOTAL	22,700

9c. Real Property Maintenance Backlog This Installation ($M) 209

10. Mission or Major Functions: HQ 15th Air Force; an air mobility wing with two C-5 squadrons and two KC-10 air refueling squadrons; an AFRC Associate air mobility wing; and David Grant Medical Center.

11. Outstanding pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TRAVIS AIR FORCE BASE, CALIFORNIA	C-17 - ROAD IMPROVEMENTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41130	851-147	XDAT063002	4,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				3,403
RESURFACE RAGSDALE AVE	SM	15,608	100	(1,561)
RECONSTRUCT ELLIS RD.	SM	6,950	265	(1,842)
SUPPORTING FACILITIES				720
UTILITIES	LS			(355)
SITE IMPROVEMENTS	LS			(265)
COMMUNICATIONS	LS			(100)
SUBTOTAL				4,123
CONTINGENCY (5.0%)				206
TOTAL CONTRACT COST				4,329
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				247
TOTAL REQUEST				4,575
TOTAL REQUEST (ROUNDED)				4,600

10. Description of Proposed Construction: Resurface Ragsdale Street and reconstruct Ellis Rd, and modify storm drainage, as required, to include drainage of the streets and surrounding areas. Water and power distribution system relocation and upgrades as as necessary to ensure fire protection capabilities to comply with code. Re-landscaping and irrigation will be provided as required.

11. Requirement: 22558 SM Adequate: 0 SM Substandard: 22558 SM

PROJECT: C-17 Road and utility improvements (New Mission).

REQUIREMENT: Upgrade infrastructure to support new construction associated with the C-17 beddown. Work includes resurfacing of Ragsdale Ave, reconstructing Ellis Rd, and upgrading utilities as required to meet the added demand of C-17 operations. The resurfacing of Ragsdale Street is required to handle the C-17 support traffic flow between the flightline, aircraft parts store, the munitions storage area, and the commercial gate. Ellis Rd reconstruction is needed to allow C-17 flares to be transported from the MSA to the flightline. Storm drainage work is required for proper drainage of the streets and surrounding areas. Water lines must be relocated and upgraded as necessary to ensure adequate supply is available for C-17 facilities such as 2-Bay Hangar and the Nose Dock. The Electrical power distribution requires relocation of service components to include poles and transformers as required to comply with code.

CURRENT SITUATION: Travis AFB has 24 KC-10's and 16 C-5's, and will be bedding down 12 C-17's. In support of this new beddown numerous construction projects are in progress or programmed. The heavy volume and weight of the construction traffic has severly degraded the road infrastructure that leads to and supports the C-17 flighline area. Additionally, the infrastructure is inadequate to support many of these facilities without an upgrade. This project improves the infrastructure in the area in which the new 2-Bay hangar is to be constructed as well as a nose dock and numerous other C-17 support facilities.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TRAVIS AIR FORCE BASE, CALIFORNIA	C-17 - ROAD IMPROVEMENTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41130	851-147	XDAT063002	4,600

IMPACT IF NOT PROVIDED: Failure to provide the utility and road upgrades will degrade service to mission critical C-17 facilities rendering them incapable of supporting this new mission. Ellis Road is the only access route connecting the flightline to the munitions storage area and is impassable for the heavy equipment that carries/loads/unloads flares for C-17s. Additionally, Ragsdale Ave is the road between the commercial gate and the flightline This road provides access to the aircraft parts store and the squadron operations facility. Failure to fix this severely degraded road may lead to damage of aircraft parts during delivery.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084 "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction, leasing) was done. It indicates there is only one option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Scott Hoover, (707) 424-2492. (C-17 Road Improvement: 22,558 SM = 242,724 SF)

JOINT USE CERTIFICATION: This is an installation utility/infrastructure project, and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TRAVIS AIR FORCE BASE, CALIFORNIA	C-17 - ROAD IMPROVEMENTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41130	851-147	XDAT063002	4,600

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	01-APR-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	01-APR-07
(e) Date Design Complete	01-SEP-07
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	276
(b) All Other Design Costs	138
(c) Total	414
(d) Contract	368
(e) In-house	46

(4) Construction Contract Award	08 FEB
(5) Construction Start	08 MAR
(6) Construction Completion	09 MAR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TRAVIS AIR FORCE BASE, CALIFORNIA	C-17 SOUTHWEST LANDING ZONE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41130	111-111	XDAT073002	22,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				16,732
RUNWAY	SM	29,265	332	(9,716)
TAXIWAYS	SM	3,901	300	(1,170)
TURNAROUND PADS / OVERRUNS	SM	10,591	280	(2,965)
SHOULDERS	SM	9,253	200	(1,851)
AIRFIELD LIGHTING AND MARKERS	LS			(1,030)
SUPPORTING FACILITIES				2,858
AIRFIELD ELECTRICAL/UTILITIES	LS			(618)
ENVIRONMENTAL SOIL MITIGATION	LS			(400)
FILL EARTH WORK/GRADING	LS			(940)
STORM DRAINAGE MITIGATION	LS			(900)
SUBTOTAL				19,590
CONTINGENCY (5.0%)				980
TOTAL CONTRACT COST				20,570
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,172
TOTAL REQUEST				21,742
TOTAL REQUEST (ROUNDED)				22,000

10. Description of Proposed Construction: Construct a C-17 Southwest (SW) Landing Zone (LZ) in accordance with ETL 04-7: C-17 and C-130 Landing Zone Dimensional Markings, and Lighting Criteria, with 350' connecting taxiways to Runway 21L. Minimum construction includes runway pavements (90' x 3500') with 500' concrete touchdowns and 300' overruns, concrete turn-arounds, airfield lighting, and visual landing zone marker panels (VLZMP). Site work consists of environmental soil mitigation, fill material to raise the site the entire length of the landing zone, and storm drainage mitigation. Includes utility reroute and reconstruction for runway and taxiway lights/markers, utilities to lighting vault, and all other work associated with this project. Also, included in this project is the relocation of the mobile MPN-25 Tactical Area Surveillance and Precision Approach Landing System and replacement of concrete pad for equipment foundation and connectively of all utilities required for operational use.

11. Requirement: 53010 SM Adequate: 0 SM Substandard: 53010 SM

PROJECT: C-17 Southwest Landing Zone (LZ). (New Mission)

REQUIREMENT: A Landing Zone is required to conduct aircrew training, evaluation, and qualification for assault landings for contingency operations for the C-17 mission at Travis. This provides aircrews realistic training in conducting operations in an airfield environment similar to that at forward operating locations. Aircrews are required to participate in eight training events and one evaluation on a LZ every year. The runway is required to be used under VFR conditions. The LZ must be 3,500 feet long by 90 feet wide with 10 foot of shoulders, 300 foot overruns at each end with two connecting taxiways 60 feet wide with 10 foot shoulders. Lighting must

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TRAVIS AIR FORCE BASE, CALIFORNIA	C-17 SOUTHWEST LANDING ZONE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41130	111-111	XDAT073002	22,000

include airfield marking patterns for overt and covert operations. C-17s are programmed to arrive in July 2006.

CURRENT SITUATION: Currently a C-17 LZ does not exist at Travis or in close proximity. Although some proficiency training can be performed on a larger runway, it is inadequate to fulfill the realistic training events and evaluations that must be accomplished on an actual LZ. The evaluations and the eight required training events cannot be accomplished at Travis AFB forcing these requirements to be accomplished at other LZs like Moses Lake at McChord AFB in Washington, or Northfield at Charleston AFB, South Carolina.

IMPACT IF NOT PROVIDED: Evaluations and required training events will have to be accomplished at other bases that currently cannot accommodate the additional training requirements from Travis AFB. This will result in either delays in training or the inability to accomplish the training events required to maintain aircrew proficiency which will reduce the number of qualified aircrews available to deliver cargo and troops under assault landing conditions in contingency and combat operations. Additionally, training at other locations would result in excessive en-route flight time for C-17 aircrews to maintain proficiency in shortfield takeoffs and landings resulting in additional TDY costs, and flying hours.

ADDITIONAL: The design for the LZ parameters is governed by Engineering Technical Letter 04-7. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction, leasing) was done. It indicates there is only one option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Scott Hoover (707) 424-2492. (Airfield Pavements 53,010 SM = 570,388 SF)

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TRAVIS AIR FORCE BASE, CALIFORNIA	C-17 SOUTHWEST LANDING ZONE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41130	111-111	XDAT073002	22,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	01-JUN-05
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	35%
* (d) Date 35% Designed	01-JAN-07
(e) Date Design Complete	21-SEP-07
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	1,320
(b) All Other Design Costs	660
(c) Total	1,980
(d) Contract	1,760
(e) In-house	220

(4) Construction Contract Award	08 JAN
(5) Construction Start	08 FEB
(6) Construction Completion	10 JAN

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
FORT CARSON, COLORADO	AIR COMBAT COMMAND	1.07

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 06										
END FY 2011										

7. INVENTORY DATA ($000)

a. Total Acreage:

b. Inventory Total as of : (30 Sep 06)

c. Authorization Not Yet in Inventory:

d. Authorization Requested in this Program: 13,500

e. Authorization Included in the Following Program: (FY 2009)

f. Planned in Next Four Years Program:

g. Remaining Deficiency:

h. Grand Total:

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
141-753	Air Support Operations Squadron	3,225	SM	13,500	Jul-06	Sep-07
			Total	13,500		

9a. Future Projects: Included in the Following Program: (FY2009)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000
	None		

9b. Future Projects: Typical Planned Next Four Years:

None

9c. Real Property Maintenance Backlog This Installation:

10. Mission or Major Functions: Home to the 3rd BCT, 43rd ASG, 3rd ACR, 5th Armored Brigade, 13th Air Support Operations Squadron, and the 10th Special Forces Group.

11. Outstanding Pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 9 Jul 02

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FORT CARSON, COLORADO	AIR SUPPORT OPERATIONS SQUADRON COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27412	141-753	ACC083001	13,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				9,629
AIR SUPPORT OPERATIONS SQUADRON FACILITY	SM	3,225	2,500	(8,063)
VEHICLE COVERED PARKING	SM	1,571	906	(1,423)
HAZARDOUS MATERIAL STORAGE	SM	45	2,325	(105)
ANTITERRORISM/FORCE PROTECTION	SM	3,225	12	(39)
SUPPORTING FACILITIES				2,534
UTILITIES	LS			(733)
PAVEMENTS	LS			(971)
SITE IMPROVEMENTS	LS			(480)
COMMUNICATION SUPPORT	LS			(350)
SUBTOTAL				12,163
CONTINGENCY (5.0%)				608
TOTAL CONTRACT COST				12,771
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				728
TOTAL REQUEST				13,499
TOTAL REQUEST (ROUNDED)				13,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(600.0)

10. Description of Proposed Construction: Reinforced concrete foundations with piles, steel frame, masonry block, standing seam metal roof, utilities, pavements, site improvements, landscaping, fire detection/protection, special foundations, communication support, and all other necessary support. This project will comply with DoD anti-terrorism/ force protection requirements per unified facilities criteria.

Air Conditioning: 50 Tons

11. Requirement: 3396 SM Adequate: 0 SM Substandard: 2150 SM

PROJECT: Construct an Air Support Operations Squadron Complex. (New Mission)

REQUIREMENT: A facility is required to adequately support the administration, operations, training, vehicle and equipment maintenance, and storage requirements for the 13th Air Support Operations Squadron (ASOS) assigned to Fort Carson, Colorado. 13 ASOS supports the 3rd Air Support Operations Group (ASOG) at Fort Hood, 7th Infantry Division, 3rd Armored Calvary Regiment, 3rd Brigade Combat Team (4th Infantry Division), and 10th Special Forces Group (Airborne). This project supports Chief of Staff of the Air Force direction to collocate ASOS units with their aligned Army units. The ASOS maintains mission-ready air support operational personnel, radios, vehicles, and mobility equipment to provide command and control of close air support. 13 ASOS requires significant pavements for parking and storage of assigned vehicles and mobility equipment, which drives higher supporting costs.

CURRENT SITUATION: 13 ASOS is currently housed in facilities located in five

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FORT CARSON, COLORADO	AIR SUPPORT OPERATIONS SQUADRON COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27412	141-753	ACC083001	13,500

different areas of the post, several separated by a mile or more. All assigned facilities barely meet minimum acceptable operational standards. The assignment of space to assigned tenant organizations at Fort Carson compromises the 13 ASOS' ability to support its operationally assigned units properly. The squadron experiences significant inefficiencies due to lack of space, making it difficult to meet minimum operational support requirements to aligned Army units. The squadron is currently comprised of 72 assigned personnel and 20 mission ready and capable weapon systems.

IMPACT IF NOT PROVIDED: 13 ASOS operational capabilities will continue to be impacted significantly. Adequate facilities will not be available to perform operations and maintenance functions critical to providing close air support. Valuable weaponse systems will remain exposed to harsh environmental conditions resulting in premature deterioration and increased maintenance costs.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements" and the Air Force Facilities on Army Installations Guide. A preliminary analysis for accomplishing this project was conducted and it indicates there is only one option that will meet requirements. Because of this, a full economic analysis was not performed, and a certificate of exception has been accomplished. (ASOS: 3,225 SM = 34,701 SF; Vehicle Storage: 1,571 SM = 19,904 SF; Hazardous Material Storage: 45 SM = 484 SF).

BASE CIVIL ENGINEER: Davis

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FORT CARSON, COLORADO	AIR SUPPORT OPERATIONS SQUADRON COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27412	141-753	ACC083001	13,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	27-JUL-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	100%
* (d) Date 35% Designed	31-DEC-06
(e) Date Design Complete	30-SEP-07
(f) Energy Study/Life-Cycle analysis was/will be performed	NO
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	810
(b) All Other Design Costs	405
(c) Total	1,215
(d) Contract	1,080
(e) In-house	135
(4) Construction Contract Award	08 FEB
(5) Construction Start	08 MAR
(6) Construction Completion	09 OCT

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2008	275
COMMUNICATION SUPPORT	3400	2008	325

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST
SCHRIEVER AIR FORCE BASE	AIR FORCE SPACE	COST INDEX
COLORADO	COMMAND	1.15

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 JUL 06	646	1205	1856	0	0	0	75	316	517	4,615
END FY 2011	646	1205	1856	0	0	0	75	316	517	4,615

7. INVENTORY DATA ($000)

Total Acreage:	4,172	
Inventory Total as of : (30 Sep 06)		386,476
Authorization Not Yet in Inventory:		21,000
Authorization Requested in this Program:		24,500
Authorization Included in the Following Program:	(FY 2009)	0
Planned in Next Four Years Program:		33,200
Remaining Deficiency:		96,000
Grand Total:		561,176

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
312-941	Air & Space Integration Facility	6,700	SM	24,500	Design	Build
		Total		24,500		

9a. Future Projects: Included in the Following Program: (FY2009)

None

9b. Future Projects: Typical Planned Next Four Years:

740-674	ADAL Fitness Center	4,191	SM	14,500
171-475	Consolidate SF Training Complex	21	PT	9,200
730-835	Security Forces Operations Facility	2,800	SM	9,500
		Total		33,200

9c. Real Property Maintenance Backlog This Installation ($M) 20

10. Mission or Major Functions: The mission of the 50th Space Wing is to provide combat capability through command and control (C2) of communication, navigation, warning, and surveillance satellite weapon systems and conduct of expeditionary operations. The wing operates satellite operations centers at Schriever, remote tracking stations and other command and control facilities around the world. These facilities monitor satellites during launch, put the satellite in their proper orbits following launch, operate the satellites while they are in orbit and fix satellite anomalies when they occur. The wing operates and maintains several satellite programs including the Defense Support Program, the Navstar Global Positioning System, the Defense Satellite Communications System, NATO IV/Skynet 4, Milstar and the Midcourse Space Experiment spacecraft.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION SCHRIEVER AIR FORCE BASE, COLORADO	4. PROJECT TITLE AIR AND SPACE INTEGRATION FACILITY	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35996	312-941	GLEN063002P2	24,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				21,159
INTEGRATION FACILITY	SM	6,700	3,050	(20,435)
INTERIOR COMMUNICATIONS SUPPORT	SM	6,700	83	(556)
ANTITERRORISM/FORCE PROTECTION	SM	6,700	25	(168)
SUPPORTING FACILITIES				910
UTILITIES	LS			(350)
PAVEMENTS	LS			(250)
SITE IMPROVEMENTS	LS			(150)
EXTERIOR COMMUNICATIONS SUPPORT	LS			(116)
PASSIVE FORCE PROTECTION	LS			(44)
SUBTOTAL				22,069
CONTINGENCY (5.0%)				1,103
TOTAL CONTRACT COST				23,172
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,321
TOTAL REQUEST				24,493
TOTAL REQUEST (ROUNDED)				24,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(3,000)

10. Description of Proposed Construction: Concrete foundation and floor slab with masonry walls, steel structural frame, and metal roof. Provides Sensitive Compartmented Information Facility (SCIF) work space and secure computer support areas with security systems; sprinkler protection; heating, ventilation and air-conditioning system; all architectural finishes; utility connections to water, sanitary sewer, storm sewer, and electric; and other building systems required for a complete and usable facility. Complies with DoD force protection requirements as per unified facilities criteria.

Air Conditioning: 185 Tons

11. Requirement: 11610 SM Adequate: 4910 SM Substandard: 0 SM

PROJECT: Construct an Air and Space Integration Facility. (Current Mission)

REQUIREMENT: This facility will support Air Force Space Command's (AFSPC) lead agency for space innovation, conducting a variety of space integration and testing efforts in support of Air Force operations. In order to accomplish this mission, a facility with adequate floor space to accommodate the varied users supporting air and space integration is required. The facility must provide secure, reliable, and adequate communication connectivity to multiple users to allow for the full integration of space assets conducting developmental and operational concept tests and analysis. This project provides space for the USAF Tactical Exploitation of National Capabilities- AFTENCAP (Kinetic Effects, C4ISR, Blue Force Tracking, Special Applications, and Programmatics for theater effects), Integration Division (Space Application/Integration Facility, Aerospace Fusion Center and ACTDs for space

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION SCHRIEVER AIR FORCE BASE, COLORADO	4. PROJECT TITLE AIR AND SPACE INTEGRATION FACILITY	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35996	312-941	GLEN063002P2	24,500

application in theater operations), the Space Battle Lab, and the 26th/527th Space Aggressor Squadrons.

CURRENT SITUATION: Current operations occupy 75,000 square feet in a facility owned by the Joint National Integration Center (JNIC) on Schriever AFB and in commercially leased facilities in the Colorado Springs area. Cost to lease these spaces runs over $1.0M annually. Recent JNIC mission increases resulted in reoccupying space used by USAF personnel. A new temporary facility was constructed to provide only non-SCIF space and requiring functions to squeeze into available JNIC space to continue secure operations. The JNIC has officially notified AFSPC of their intent to completely displace all USAF personnel and equipment in their facility within the next two years. Existing facilities on Schriever AFB and nearby Peterson AFB, located 15 miles west, cannot support the current mission.

IMPACT IF NOT PROVIDED: Critical air and space integration operations will continue operations in multiple locations under split-operations. Funding of multiple leases for existing facilities will continue and new leases or temporary facilities will be constructed to relocate existing units due to the Joint National Integration Center (JNIC) mission increase. Unless a permanent facility is constructed, the combination of leases and temporary facilities will continue at great cost resulting in a degradation of mission accomplishment. Additionally, the classification level and extensive communication links of certain air and space integration efforts require a permanent facility and are not possible to pursue in temporary structures. If a permanent facility is not available prior to relocation from the JNIC, critical operations influencing the use of space assets will be severely constrained.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084 "Facility Requirements," the DoD Antiterrorism/Force Protection Construction Standards and AFI 31-101 "Installation Security Program Facilities." Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A preliminary analysis of reasonable options (status quo, leasing, new construction) indicates new construction is the only alternate that will effectively meet the operational, statutory, and security criteria of functions required. Consequently, a full economic analysis was not performed. A Certificate of exception has been prepared. Base Civil Engineer: Lt Col (S) Timothy L. Fuller, Commercial: (719) 567-4201. Air and Space Integration Facility: 6,700 SM = 72,092 SF.

JOINT USE CERTIFICATION: Mission requirements, operational considerations and location are incompatible with use by other components.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SCHRIEVER AIR FORCE BASE, COLORADO	AIR AND SPACE INTEGRATION FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35996	312-941	GLEN063002P2	24,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 1,225

(4) Construction Contract Award 08 JAN

(5) Construction Start 08 MAR

(6) Construction Completion 09 SEP

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNITURE	3400	2008	1,750
COMMUNICATIONS EQUIPMENT	3080	2008	1,250

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST
USAF ACADEMY	UNITED STATES AIR FORCE	COST INDEX
COLORADO	ACADEMY	1.11

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	929	1011	2483	0	182	0	21	4000	190	8,816
END FY 2011	902	872	2223	0	182	0	21	4000	190	8,390

7. INVENTORY DATA ($000)

Total Acreage:	53,276		
Inventory Total as of : (30 Sep 06)			429,549
Authorization Not Yet in Inventory:			13,000
Authorization Requested in this Program:			15,000
Authorization Included in the Following Program:		(FY 2009)	0
Planned in Next Four Years Program:			57,791
Remaining Deficiency:			38000
Grand Total:			553,340

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
171-853	Upgrade Academic Facility, Ph 4B	17,069	SM	15,000	Apr-06	Sep-07
		Total		15,000		

9a. Future Projects: Included in the Following Program: (FY2009)

None

9b. Future Projects: Typical Planned Next Four Years:

171-853	Upgrade Academic Facility, Ph V	16,695	SM	15000
141-454	Base Operations Facility	1300	SM	5,000
171-157	Add to Cadet Fitness Center	5,199	SM	11,478
730-835	Emergency Operations Center	1,400	SM	9,996
730-839	Construct S. Gate Vehicle Search Fac	474	SM	7,433
740-674	Add to Community Center Gymnasium	1570	LS	8,884
				57,791

9c. Real Propery Maintenance Backlog This Installation ($M) 187

10. Mission or Major Functions: Responsible for providing education and training for cadets to become Air Force officers; a training wing including three flying training squadrons supporting parachuting and glider aircraft; and an air base wing

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
USAF ACADEMY, COLORADO	UPGRADE ACADEMIC FACILITY, PH IV B

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85896	171-853	XQPZ950311	15,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				12,512
UPGRADE LIBRARY	SM	12,672	682	(8,642)
RENOVATE LECTURE HALLS/STUDENT CENTER	SM	4,397	880	(3,869)
SUPPORTING FACILITIES				1,000
HAZARDOUS MATERIALS ABATEMENT	LS			(500)
COMMUNICATION	LS			(500)
SUBTOTAL				13,512
CONTINGENCY (5.0%)				676
TOTAL CONTRACT COST				14,187
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				809
TOTAL REQUEST				14,996
TOTAL REQUEST (ROUNDED)				15,000

10. Description of Proposed Construction: Correct life-safety code deficiencies such as fire detection/protection, egress, and handicap provisions. Includes reconfiguration/repair of offices, ceilings, floors, corridors, asbestos removal, communications, HVAC systems and all necessary support.

11. Requirement: 89055 SM Adequate: 55291 SM Substandard: 33764 SM

PROJECT: Upgrade academic facility, phase IVB. (Current Mission)

REQUIREMENT: Renovate Cadet Library, various lecture halls and the third floor cadet support area. The project includes selective demolition, reconfiguration and full finish upgrades to floors, walls, and ceilings. HVAC and fire detection/suppression systems will be upgraded to current code. Asbestos and lead-based paint are present and will be mitigated.

CURRENT SITUATION: The Library, lecture halls and cadet support areas are in many cases original construction over 40 years old and do not meet current life-safety and building code standards. These areas do not have fire protection/detection or sufficient emergency lighting for safe egress during power outages. Handicap accessibility is also insufficient. HVAC and lighting systems are outdated requiring extensive maintenance and are energy inefficient. Common use areas cannot accommodate current study methods and technologies.

IMPACT IF NOT PROVIDED: Environmental, safety, and building code discrepancies will continue to jeopardize the safety of the occupants. Lecture and cadet support functions will continue to operate out of inadequate and inefficient space impairing the ability to provide academic support.

ADDITIONAL: This project meets the criteria/scope specified in the Air Force Handbook 32-1084, "Facility Requirements." A certificate of exception waiving a full economic analysis was completed. It indicates that renovation is the only option that will meet operational requirements. Previous authorized and appropriated phases are: FY97, Upgrade Academic Facility ($10.47M); FY08, Upgrade Academic Facility ($9.854M); FY00, Upgrade Academic Facility ($17.5M). FY06, Upgrade Academic

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
USAF ACADEMY, COLORADO	UPGRADE ACADEMIC FACILITY, PH IV B

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85896	171-853	XQPZ950311	15,000

Facility, Phase IVA (13.0M). This is phase 5 of a six phased project. Base Civil Engineer: Col Richard Stonestreet, (719) 333-2660. Upgrade Library: 12,672 SM = 136,350 SF; Upgrade Lecture Halls/Student Center: 4,397 SM = 47,312 SF.

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
USAF ACADEMY, COLORADO	UPGRADE ACADEMIC FACILITY, PH IV B

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85896	171-853	XQPZ950311	15,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	10-APR-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	10-AUG-06
(e) Date Design Complete	15-SEP-07
(f) 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 -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):

	($000)
(a) Production of Plans and Specifications	900
(b) All Other Design Costs	450
(c) Total	1,350
(d) Contract	1,150
(e) In-house	200

(4) Construction Contract Award	07 DEC
(5) Construction Start	08 JAN
(6) Construction Completion	09 MAY

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST
Bolling AFB	AIR FORCE DISTRICT	COST INDEX 1.02
Washington, DC	OF WASHINGTON	

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 Sep 06	118	1179	453	0	0	0	650	1630	826	4,856
END FY 2011	115	1168	443	0	0	0	649	1610	836	4,821

7. INVENTORY DATA ($000)	
Total Acreage:	607
Inventory Total as of : (30 Sep 06)	348,231
Authorization Not Yet in Inventory:	4,500
Authorization Requested in this Program:	2,500
Authorization Included in the Following Program:	0
Planned in Next Four Year Program:	7,800
Remaining Deficiency:	24,000
Grand Total:	387,031

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY2008)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
137-135	Communications Switch Facility	395 SM	2,500	Aug-06	Sep-07
		Total	2,500		

9a. FUTURE PROJECTS: Included in the Following Program: (FY2009)

None

9b. FUTURE PROJECTS: Typical Planned Next Four Years:

730-837	AT/FP South Gate	432 SM	7,800
		Total	7,800

9c. REAL PROPERTY MAINTENANCE BACKLOG THIS INSTALLATION 49

10. MISSION OR MAJOR FUNCTIONS:Organizes, trains, equips, and deploys expeditionary combat forces for the AEF. Provides comprehensive wartime base operating support to all AF personnel in the National Capital Region, as well as MAJCOM-level, programming and comptroller support, and UCMJ authority for Headquarters AF (HAF) and AF elements worldwide. Produces ceremonial and musical effects worldwide to boost troop moral, improve community relations, bolster recruiting support, and represent the AF for CSAF,

11. OUTSTANDING POLLUTION AND SAFETY (OSHA DEFICIENCIES):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BOLLING AIR FORCE BASE, DISTRICT OF COLUMBIA	COMMUNICATION FRAME FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
91376	131-135	BXUR921072	2,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COMMUNICATION FRAME FACILITY				1,252
COMMUNICATION FRAME FACILITY	SM	395	2,926	(1,156)
ANTITERRORISM/FORCE PROTECTION	LS			(96)
SUPPORTING FACILITIES				957
SITE IMPROVEMENTS	LS			(422)
PAVEMENTS	LS			(40)
GENERATOR	LS			(250)
COMMUNICATIONS REQUIREMENTS	LS			(245)
SUBTOTAL				2,209
CONTINGENCY (5.0%)				110
TOTAL CONTRACT COST				2,319
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				132
TOTAL REQUEST				2,451
TOTAL REQUEST (ROUNDED)				2,500

10. Description of Proposed Construction: Construct a two-story, metal framed, brick veneer facility with elevator to house telephone and data network components, control, and maintenance activities. The proposed facility will provide space for cable trays, racks, conduit entry and exit, and loading dock. Will comply with DOD force protection requirements per unified facilities criteria.

11. Requirement: 593 SM Adequate: 198 SM Substandard: 0 SM

PROJECT: Construct Communication Frame Facility (Current Mission)

REQUIREMENT: A modern, efficient, and adequately sized technical control facility is required to operate and maintain telephone, data circuit, and networking system components directly supporting the mission of the Headquarter Air Force District of Washington (AFDW), 11th Wing, the Joint Air Defense Operations Center (JADOC), other Bolling AFB tenants, and multiple Air Force elements dispersed worldwide.

CURRENT SITUATION: All communications circuits (both digital and analog) entering/exiting Bolling AFB currently pass through equipment housed in two undersized facilities, P-16 and P-20. Facility 16 has been retrofitted (circa 1980) to accommodate the communications/electronics functions but is being fully saturated with no room for expansion. Maintenance is difficult to perform without interfering with other equipment. P-20 was built in 1931, located adjacent to the base perimeter, and during recent major storm events experienced flooding of the basement areas that house communication equipment. Mission-essential communications and computer equipment is in jeopardy of failure in these locations. New UFC ATFP guidance requires these essential communication system components be located in a more secure location farther from the base perimeter.

IMPACT IF NOT PROVIDED: No new installation and communication redundancy that would enable continuity of operations in the event of a catastrophic loss of either building P-16 or P-20. Loss of building 16 will result in a complete failure of non-

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION BOLLING AIR FORCE BASE, DISTRICT OF COLUMBIA		4. PROJECT TITLE COMMUNICATION FRAME FACILITY	
5. PROGRAM ELEMENT 91376	6. CATEGORY CODE 131-135	7. PROJECT NUMBER BXUR921072	8. PROJECT COST ($000) 2,500

secure internet protocol routing network access, all voice systems, all fire and security alarms, environmental management control system, video teleconferencing, giant voice base warning system, all circuits affecting National Capital Region critical functions and DISA wide area network nodes. Additionally 11 SFS would be unable to connect to Washington Area Law Enforcement System and National Crime Information Center to perform necessary background checks to ensure security of base personnel and resources. The loss of building 20 will result in complete failure of all Bolling network services including electronic mail, secret internet protocol routing network, electronic file shares and network printing.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options indicates that only new construction will fulfill the requirements. An Economic Analysis is underway. All exterior work shall be designed in accordance with the Base General Plan and meet criteria established by the National Capital Planning Commission and the Commission of Fine Arts. Base Civil Engineer: Dennis L. Jasinski, Col, USAF, DSN 297-5565. 395 SM = 4,250 SF

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BOLLING AIR FORCE BASE, DISTRICT OF COLUMBIA	COMMUNICATION FRAME FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
91376	131-135	BXUR921072	2,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	31-AUG-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	14-MAR-07
(e) Date Design Complete	19-SEP-07
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	150
(b) All Other Design Costs	75
(c) Total	225
(d) Contract	187
(e) In-house	38

(4) Construction Contract Award	08 FEB
(5) Construction Start	08 APR
(6) Construction Completion	09 APR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST
EGLIN AIR FORCE BASE	AIR FORCE MATERIEL	COST INDEX
FLORIDA	COMMAND:	0.82

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	2964	11430	3790	40	1132	0	36	527	1,305	21,224
END FY 2011	3220	12887	3969	180	1800	0	121	1105	1305	24,587

7. INVENTORY DATA ($000)

Total Acreage:	463,067	
Inventory Total as of : (30 Sep 06)		4,337,627
Authorization Not Yet in Inventory:		104,800
Authorization Requested in this Program:		158,300
Authorization Included in the Following Program:	(FY 2009)	19,000
Planned in Next Four Years Program:		111,471
Remaining Deficiency:		31,000
Grand Total:		4,762,198

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
851-147	Construct Seawalls, Santa Rosa Island Range		LS	35,000	Design Build	
171-621	F-35 Integrated Training Center	24,155	SM	39,000	Mar-06	Sep-07
211-175	F-35 Squadron Operations/AMU/Hangar	6,891	SM	27,000	Mar-06	Sep-07
311-171	F-35 ADAL 53rd Joint Reprogramming Facility	1,498	SM	8,300	Aug-06	Sep-07
851-147	Repair Roads, Santa Rosa Island Range	16,094	LM	49,000	Design Build	
		Total		158,300		

9a. Future Projects: Included in the Following Program: (FY2009)

721-312	F-35 Dormitory	14,625	SM	16,500	Mar-07	Sep-08
722-351	F-35 Dining Facility	1,302	SM	2,500	Mar-07	Sep-08
		Total		19,000		

9b. Future Projects: Typical Planned Next Four Years:

740-884	Child Development Center	3520	SM	11,000
934-277	Land Mass Restoration, Santa Rosa Island		LS	38,000
730-835	Ground Combat Training Squadron	3,929	SM	14,400
218-868	Precision Measurement Equipment Laboratory Fa	2,632	SM	7,600
730-142	Fire Station	3,410	SM	10,000
841-427	Construct Water Tank Field 6	1	EA	1,771
742-674	Fitness Center	5,051	SM	24,700
610-127	Replace Base Engineer Facility	1,616	SM	4,000
		Total		111,471

9c. Real Propery Maintenance Backlog This Installation ($M) 196

10. Mission or Major Functions: Eglin's primary function is to support research, development, test and evaluation (RDT&E) of conventional weapons and electronic systems. It also provides support for individual and joint training of operational units. Eglin AFB is home to the Air Armament Center (AAC), a unit of the Air Force Material Command. It supports approximately 25 associate units, including: 33rd Fighter Wing, Air Combat Command, 53rd Wing, Air Combat Command, U.S. Air Force Special Operations Command (Hurlburt Field) and 16th Special Operations Wing (SOW). 919th SOW, U.S. Air Force Reserve (Duke Field). 20th Space Surveillance, U.S. Air Force Space Command, 6th Ranger Training Battalion, U.S. Army (Ranger School), U.S. Navy (Naval Explosive Ordnance Disposal School and Choctaw Field), Alabama Army National Guard, Federal Bureau of Investigation and the Federal and Okaloosa County Prison Camp.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EGLIN AIR FORCE BASE, FLORIDA	CONSTRUCT SEAWALLS, SANTA ROSA ISLAND RANGE COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72806	871-187	FTFA051116	35,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				27,908
RETAINING WALLS	LM	1,372	6,157	(8,448)
SHORELINE RESTORATION	LS			(19,460)
SUPPORTING FACILITIES				3,700
ENERGY DISSIPATION SYSTEM	LS			(3,700)
SUBTOTAL				31,608
CONTINGENCY (5.0%)				1,580
TOTAL CONTRACT COST				33,188
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,892
TOTAL REQUEST				35,080
TOTAL REQUEST (ROUNDED)				35,000

10. Description of Proposed Construction: Construct 3 seawalls a total of 1,372 LM long. Each seawall is to consist of forty sheet piles capped with a continuous 3' x 3' reinforced concrete beam. In addition, piles are to be encased with reinforced concrete in heights varying from 12' to 17'. Large rock or similar energy dissipation system will be placed in front of each seawall. Also includes restoration of the shoreline in the vicinity.

Air Conditioning: 0 Tons

11. Requirement: 1372 LM Adequate: 0 LM Substandard: 0 LM

PROJECT: Construct Seawalls, Santa Rosa Island Range Complex. (Current Mission)

REQUIREMENT: Seawall will consist of forty foot steel sheet piles capped with a continuous 3' x 3' reinforced concrete beam. In addition, the piles are to be encased with reinforced concrete in heights varying from 12' to 17'. Project also includes restoration of the shoreline in the vicinity. Adjacent land restoration will be composed of large rock, gravel and sand to restore shoreline and prevent erosion. Large rock or similar energy dissipation system will be placed in front of seawall. Project will include sustainable development concepts.

CURRENT SITUATION: Site A-3 which is on the eastern third of the island contains the critical safety instruments required to track, validate flight trajectory, and allow or terminate continued flight operations. It is a critical site location with unobstructed line-of-sight for radar/optical tracking instrumentation. Site A-6 is midway between site A-3 and site A-13B contains the radio receivers and transmitters needed to monitor and control all flight traffic in the water range or test and training missions. It is a critical line-of-sight location of Frequency Control and Analysis of all test and training mission support. Site A-13B is on the west side of the island and is home to the 300-foot tower used to operate Open-Air Hardware-in-the-Loop (OA-HITL) program. This joint-use facility houses a flight motion simulator, airborne seekers and sensors that can be used in conjunction with other test sites. The tower also hosts joint operational use as a telemetry station and

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EGLIN AIR FORCE BASE, FLORIDA	CONSTRUCT SEAWALLS, SANTA ROSA ISLAND RANGE COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72806	871-187	FTFA051116	35,000

observation point. Sites A-3/6/13B have experienced severe erosion and flooding as a result of Tropical Storm Arlene on 11 June 2005 and exacerbated by Hurricane Dennis on 10 Jul 05 and Hurricane Katrina on 29 Aug 05. Valuable government resources on these sites are unprotected from high waters and frequent tidal actions, which have allowed mean high tide to proliferate over 50 yards closer to the tower at A-13B. Auxiliary features at this site, such as septic tanks, leach fields, site fencing, and elevator systems have been either destroyed or rendered unserviceable. The 20-foot elevator shaft fills with sand after each storm. Tidal action has also claimed concrete test pads, parking lot, and fire suppression system.

IMPACT IF NOT PROVIDED: If these site stabilization systems are not provided, Sites A-3/6/13B will continue to experience severe erosion and flooding with each new tropical storm and/or hurricane to hit the area. Large rock/gravel backfill around building foundations and seawalls after each storm currently provides temporary stabilization of the area. Without seawalls and permanent area restoration, foundations will continue to deteriorate until facilities become unusable. Without these sites no over water low-level training or testing will occur.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, new construction) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared. Base Civil Engineer: Colonel Timothy P. Gaffney, (850) 882-2876. Retaining Walls: 1,372 LM = 4,500 LF.

JOINT USE CERTIFICATION: This facility can be used by other components on an as available basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EGLIN AIR FORCE BASE, FLORIDA	CONSTRUCT SEAWALLS, SANTA ROSA ISLAND RANGE COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72806	871-187	FTFA051116	35,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 1,950

(4) Construction Contract Award 07 DEC

(5) Construction Start 08 FEB

(6) Construction Completion 09 AUG

(7) Energy Study/Life-Cycle analysis was/will be performed NO

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EGLIN AIR FORCE BASE, FLORIDA	F-35 INTEGRATED TRAINING CENTER (ITC) ACADEMICS BLG

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	171-621	FTFA083950	AUTH: 39,000 APPN: 39,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
F-35 INTEGRATED TRAINING CTR ACADEMIC BLDG				49,764
TECH TNG CLASSROOM	SM	14,800	1,630	(24,127)
FLIGHT SIM TRNG	SM	9,355	2,586	(24,188)
ANTITERRORISM/FORCE PROTECTION	LS			(1,449)
SUPPORTING FACILITIES				8,722
UTILITIES	LS			(3,500)
PAVEMENTS	LS			(1,700)
SITE IMPROVEMENTS	LS			(2,527)
COMMUNICATIONS REQUIREMENTS	LS			(995)
SUBTOTAL				58,486
CONTINGENCY (5.0%)				2,924
TOTAL CONTRACT COST				61,410
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				3,500
TOTAL REQUEST				64,911
TOTAL REQUEST (ROUNDED)				65,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(6,121.0)

10. Description of Proposed Construction: Constructs a multi-story sprinkler-equipped facility consisting of a concrete foundation, split-faced concrete block over a steel frame and sloped standing seam metal roof along with site improvements. Construction areas include training classrooms, simulator rooms, administrative support space, general storage, mechanical, electric equipment and communications, fire protection, utilities, and parking. Comply with DoD force protection requirements per unified facilities criteria.

Air Conditioning: 1,115 Tons

11. Requirement: 28056 SM Adequate: 3901 SM Substandard: 0 SM

PROJECT: Construct F-35 Integrated Training Center Academics Building. (New Mission)

REQUIREMENT: A consolidated training facility is required to beddown Joint Strike Fighter (JSF) F-35 aircraft scheduled for arrival beginning in Sep 09. This facility will support training throughput for 5 flying training squadrons (3-AF, 1-Navy, 1-Marine) and associated maintenance personnel. It contains academic classrooms, virtual trainers, and various aircraft mockups (all non-deployable training components), as well as administrative/operations, instructor and engineering personnel needed to conduct initial and replenishment training of pilot and maintainer personnel. Training in the ITC will be accomplished through the use of instructor-led classroom activities, independent study via Interactive Courseware Workstations (ICW), training in virtual simulators and training on aircraft mock-ups. The training devices and courseware associated with the ITC's training system will be maintained and upgraded by a Training System Support Center (TSSC) organization resident in the ITC.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EGLIN AIR FORCE BASE, FLORIDA	F-35 INTEGRATED TRAINING CENTER (ITC) ACADEMICS BLG

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	171-621	FTFA083950	AUTH: 39,000 APPN: 39,000

CURRENT SITUATION: Eglin does not currently have facilities available to support the integrated training for the Joint Strike Fighter.

IMPACT IF NOT PROVIDED: Without this project in FY 2008, the F-35 beddown at Eglin will be disjointed. Ready-for-training date is scheduled for Oct 09 and without this facility, Eglin cannot house the training devices and commence training on time. Workarounds are not viable, so delay in this project would significantly impact the training mission required to support the JSF program.

ADDITIONAL: This is a jointly funded project between the Air Force and Navy. The total requirement for this project is $65M. The Air Force MILCON portion of the requirement is $39M. The remaining $26M has been transferred from the Navy BRAC Account to the Air Force BRAC Account, and is in the Air Force's BRAC Business Plan and J-Book, with the same project number. This project will not be complete and useable without the remaining $26M, as the facility will be constructed as one building. The criteria/scope for this project is contained in the Joint Strike Fighter Facility Requirements Document (FRD) developed by the Lockheed Martin Aeronautics Company. A preliminary analysis of reasonable options was accomplished comparing alternatives of status quo, renovation, addition/alteration, and new construction. It indicates the only option that will meet operational requirements is new construction. Because of this, a full economic analysis has not been performed. A certificate of exception has been prepared. Base Civil Engineer: Col Timothy P. Gaffney, DSN 872-2876. F-35 Integrated Training Center Academic Building 24,155 SM = 260,000 SF.

JOINT USE CERTIFICATION: The facility is programmed for joint use with the Navy, Marines and International Partners and is conjunctively funded by the Navy and the Air Force.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EGLIN AIR FORCE BASE, FLORIDA	F-35 INTEGRATED TRAINING CENTER (ITC) ACADEMICS BLG

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	171-621	FTFA083950	AUTH: 39,000 APPN: 39,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	15-MAR-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	15-MAR-07
(e) Date Design Complete	28-SEP-07
(f) 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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	3,900
(b) All Other Design Costs	1,950
(c) Total	5,850
(d) Contract	4,875
(e) In-house	975
(4) Construction Contract Award	08 FEB
(5) Construction Start	08 APR
(6) Construction Completion	10 APR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS EQUIPMENT	3080	2009	995
FURNISHINGS	3400	2009	5,126

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EGLIN AIR FORCE BASE, FLORIDA	F-35 SQUADRON OPERATIONS/AMU/HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	211-175	FTFA083952	27,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
F-35 SQUADRON OPERATIONS/AMU/HANGAR				19,390
SQUAD OPS	SM	3,801	2,340	(8,894)
HANGAR MAINT	SM	3,415	2,952	(10,081)
ANTITERRORISM/FORCE PROTECTION	LS			(415)
SUPPORTING FACILITIES				4,750
UTILITIES	LS			(1,400)
PAVEMENTS	LS			(700)
SITE IMPROVEMENTS	LS			(2,200)
COMMUNICATIONS REQUIREMENTS	LS			(450)
SUBTOTAL				24,140
CONTINGENCY (5.0%)				1,207
TOTAL CONTRACT COST				25,347
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,445
TOTAL REQUEST				26,792
TOTAL REQUEST (ROUNDED)				27,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(2,254.0)

10. Description of Proposed Construction: Multi-story sprinkler equipped facility consisting of a concrete foundation, split-faced concrete block (metal ribbed wall panels over 6 foot split-faced base on hangar side) over a steel frame and sloped standing seam metal roof. Facility includes hangar bay area and squadron operations areas including flight planning, air crew briefing and debriefing, training, administration, and storage and issue of flight crew life support system equipment. Comply with DoD force protection requirements per unified facilities criteria.

Air Conditioning: 205 Tons

11. Requirement: 7216 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: Construct a F-35 squadron operations/aircraft maintenance unit facility. (New Mission)

REQUIREMENT: A consolidated Squadron Operations and Maintenance facility is required to support the beddown of the Joint Strike Fighter (JSF) F-35 aircraft. The Operations portion of the facility is required to support the operations squadron and contains the space for flight planning, air crew briefing and debriefing, training and administration of the squadron. Space must be provided for the storage, care and issue of flight crew life support system equipment and personal space is required for changing into and out of flight clothing. Flightline Maintenance is semi-autonomous and responsible for the launch, service, on-equipment repair, inspection and recovery of primary mission aircraft. This facility will provide adequate area for maintenance, equipment and administrative spaces required to support the aircraft and the mission of the particular squadron or activity occupying them.

CURRENT SITUATION: The base lacks adequate facilities to conduct squadron level maintenance and operations for the F-35 mission. The operational squadrons are

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EGLIN AIR FORCE BASE, FLORIDA	F-35 SQUADRON OPERATIONS/AMU/HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	211-175	FTFA083952	27,000

required to work, train, deploy, and fight as independent squadrons. Current squadron operations and maintenance facilities are geographically separated and would prevent squadrons training as a unit. They are also under-sized, in poor condition, and are not configured properly to support the JSF training needs.

IMPACT IF NOT PROVIDED: Without this project being executed in 2008, the F-35 beddown at Eglin cannot be effectively and efficiently implemented. Work arounds would not allow operational squadrons to be trained together and would significantly impact the training mission required to support the F-35 program.

ADDITIONAL: The criteria/scope for this project is contained in the Joint Strike Fighter Facility Requirements Document developed by the Lockheed Martin Aeronautics Company. This office has not compared Lockheed Martin¿s requirement as listed in the FRD with AFH 32-1084. A preliminary analysis of reasonable options was accomplished comparing alternatives of status quo, renovation, addition/alteration, and new construction. It indicates the only option that will meet operational requirements is new construction. Because of this, a full economic analysis was not performed. A certificate of exception was prepared. Base Civil Engineer: Col Timothy P. Gaffney DSN 872-2876 (ext. 200). Squadron Operations/Small Aircraft Maintenance Dock: 7,216 SM = 77,672 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EGLIN AIR FORCE BASE, FLORIDA	F-35 SQUADRON OPERATIONS/AMU/HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	211-175	FTFA083952	27,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	15-MAR-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	15-MAR-07
(e) Date Design Complete	17-SEP-07
(f) 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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	1,620
(b) All Other Design Costs	810
(c) Total	2,430
(d) Contract	2,025
(e) In-house	405
(4) Construction Contract Award	08 FEB
(5) Construction Start	08 APR
(6) Construction Completion	10 APR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS EQUIPMENT	3080	2009	285
FURNISHINGS	3400	2009	1,969

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EGLIN AIR FORCE BASE, FLORIDA	F-35 ADD/ALTER 53RD JOINT REPROGRAMMING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	311-171	FTFA053021	8,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				6,625
ADD TO REPROGRAMMING FACILITY	SM	541	2,456	(1,329)
ALTER REPROGRAMMING FACILITY	SM	1,422	3,705	(5,269)
ANTI-TERRORISM/FORCE PROTECTION	SM	541	52	(28)
SUPPORTING FACILITIES				898
UTILITIES	LS			(171)
PAVEMENTS	LS			(226)
SITE IMPROVEMENTS	LS			(47)
PAVEMENT DEMOLITION	LS			(53)
SCIF SHIELDING	LS			(337)
COMMUNICATION SUPPORT	LS			(65)
SUBTOTAL				7,523
CONTINGENCY (5.0%)				376
TOTAL CONTRACT COST				7,900
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				450
TOTAL REQUEST				8,350
TOTAL REQUEST (ROUNDED)				8,300
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(691.0)

10. Description of Proposed Construction: Addition supports a classified conference room with vestibule, reinforced concrete floor slab, steel member walls, roof, masonry exterior, utilities, pavements, site improvements, landscaping, communication support, and all other necessary support. Alteration demolishes interior walls, constructs shielded interior walls and installs environmental controls, communications support, raised flooring, and power to house the hardware-in-the-loop (HIDL) laboratory in Bay #1. Project will comply with minimum DoD anti-terrorism/ force protection requirements per unified facilities criteria.

Air Conditioning: 112 Tons

11. Requirement: 4239 SM Adequate: 883 SM Substandard: 0 SM

PROJECT: Addition to and Alteration of F-35 53rd Joint Reprogramming Facility. (New Mission)

REQUIREMENT: Eglin AFB is the beddown location for the F-35 Joint Reprogramming Facility (JRF). Facility space is required to house the F-35A HIDL hardware scheduled for delivery in FY09 and system certification in FY10. The timing for the JRF is based on required Initial Operational Capability (IOC) for the HIDL lab by September 2010. Delivery, installation, and certification of HIDL hardware and equipment takes approximately 18 months and is dependent on facility completion. This facility will augment the 53rd Wing's core mission by providing validated aircraft mission data for the Combat Air Forces and support rapid reprogramming for the F-35A in accordance with AFI 10-703. Facility is required to allow F-35A mission

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION EGLIN AIR FORCE BASE, FLORIDA		4. PROJECT TITLE F-35 ADD/ALTER 53RD JOINT REPROGRAMMING FACILITY	
5. PROGRAM ELEMENT 27142	6. CATEGORY CODE 311-171	7. PROJECT NUMBER FTFA053021	8. PROJECT COST ($000) 8,300

data to be optimized, verified, and validated prior to download into the aircraft.

CURRENT SITUATION: There is no space available on Eglin AFB suitable to house this function. This project also collocates the mission with existing 53rd Wing operational mission functions.

IMPACT IF NOT PROVIDED: The Wing will be unable to verify that mission data meets functionality requirements with F-35 system hardware, software, and firmware. The Wing will be unable to provide mission data for F-35A Block 2 and Block 3 Operational Testing and will not be able to provide data for F-35A IOC dates. This would severely limit F-35A Operational Testing and as a result, jeopardize aircraft IOC.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, new construction) was done. It indicates there is only one option that will meet operational requirements. Base Civil Engineer: Colonel Timothy P. Gaffney, (850) 882-2876. (Addition to Joint Reprogramming Facility: 541 SM = 5,283 SF; Alteration: 1,422 SM =15,301SF).

JOINT USE CERTIFICATION: The facility is programmed for joint use with the United States Navy as well as F-35A international partners and is conjunctively funded by the Air Force and U.S. Navy.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EGLIN AIR FORCE BASE, FLORIDA	F-35 ADD/ALTER 53RD JOINT REPROGRAMMING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	311-171	FTFA053021	8,300

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	02-AUG-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	100%
* (d) Date 35% Designed	31-DEC-06
(e) Date Design Complete	30-SEP-07
(f) 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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	498
(b) All Other Design Costs	249
(c) Total	747
(d) Contract	664
(e) In-house	83
(4) Construction Contract Award	08 FEB
(5) Construction Start	08 MAR
(6) Construction Completion	09 MAR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
F-35 HIDL HARDWARE (PART 2)	3600	2009	56
COMMUNICATIONS EQUIPMENT	3600	2009	60
FURNISHINGS	3600	2009	475
F-35 HIDL HARDWARE (PART 1)	3600	2009	100

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION EGLIN AIR FORCE BASE, FLORIDA	4. PROJECT TITLE REPAIR ROADS, SANTA ROSA ISLAND RANGE COMPLEX	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72806	851-147	FTFA051518A	49,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				20,677
1 LANE ROAD	LM	5,633	892	(5,027)
2 LANE ROAD	LM	10,461	1,496	(15,650)
SUPPORTING FACILITIES				23,480
EROSION PROTECTION	LS			(7,339)
4'X10' REINFORCED CONCRETE BOX CULVERT	EA	4	62,500	(250)
REINFORCED CONCRETE CURBS	LS			(857)
STEEL SHEET PILING	LS			(3,121)
GUARD RAIL	LS			(193)
DEMOLISH, REMOVE, AND DISPOSE OF OLD ASPHALT	LS			(2,115)
LAND FILL	LS			(9,605)
SUBTOTAL				44,157
CONTINGENCY (5.0%)				2,208
TOTAL CONTRACT COST				46,365
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				2,643
TOTAL REQUEST				49,007
TOTAL REQUEST (ROUNDED)				49,000

10. Description of Proposed Construction: Replace 10,461 Meter of 22'-wide (full width) asphalt roadway and 5,633 M of 11'-wide (half width) asphalt roadway. Provide fill material for ground leveling where island has been washed away. Install precast box culverts, concrete curbs, sheet piling and shoreblock for protection against erosion.

11. Requirement: 16094 LM Adequate: LM Substandard: LM

PROJECT: Repair roads, Santa Rosa Island Range Complex. (Current Mission)

REQUIREMENT: Provide adequate road on Santa Rosa Island Range Complex resistant to storm surge and damage. Road will support unique test and training mission on the only DoD range that provides unobstructed continuous land to sea access for unrestricted testing and training from sea level to high altitude. This is a one-of-a kind capability and unique environment cannot be replicated at any other existing DoD range or installation. Provides testing and training for air-to-ground weapons, air-to-air weapons, C4I and C2 systems, and special operations weapons testing for Air Force, Navy, Army and DoD. Access by road to all the test sites on Santa Rosa Island Range Complex is vital to the overall test and training mission. Several sites provide particularly unique capabilities found on no other DoD range. Site A-15 provides the only live fire of ground launched missiles into the adjacent Joint Gulf Range as well as the only DoD location for littoral/maritime biological testing in the specific sub-tropical environment of the Gulf of Mexico. Site A-13B provides the only DoD structure capable of sea-level testing of surface and airborne seekers and

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION EGLIN AIR FORCE BASE, FLORIDA	4. PROJECT TITLE REPAIR ROADS, SANTA ROSA ISLAND RANGE COMPLEX	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72806	851-147	FTFA051518A	49,000

sensors used in missile guidance/detection systems in a humid, sub-tropical environment. Site A-11 provides the only unobstructed DoD line of sight from sea level to high altitude for threat early warning and air defense systems for the specific unique threat system integrated into that facility. Site A-3 is a critical facility with unobstructed line of sight for key radar/optical tracking and flight termination instrumentation from sea level to high altitude. The Santa Rosa Island Range Complex supported 24 quick reaction tests for munitions in support of Operations IRAQI FREEDOM and ENDURING FREEDOM.

CURRENT SITUATION: This project became necessary after Hurricane Dennis destroyed the Air Force's primary and only access road to test sites on the Santa Rosa Island Range Complex on 10 July 2005. In the hurricane's aftermath a total of 10 miles of asphalt roadway on the Santa Rosa Island Range Complex were deemed unusable, including numerous access roads to radar sites, test pads, laboratories, and evaluation facilities. At numerous locations, the storm surge washed away the asphalt and base material leaving impassable gaps measuring hundreds of feet. Large sections of asphalt sections litter the test site exposing the base material to further deterioration. The storm surge cut channels and gullies across the island that if not addressed will irreversibly cut the island. Temporary repairs to the road to provide access to the test and training sites cost $2.7M. Less than one week after completion of a gravel road, $1.5M was required in repairs due to Hurricane Katrina. The mission impact on the island range is severe to the point of mission stoppage. Lack of road access delayed tested missions for two weeks after Hurricane Dennis and ten days following Hurricane Katrina. Furthermore, movement of sensitive test instrumentation along the temporary gravel is road is not possible. Access to the test sites is treacherous as test personnel must resort to using tracked vehicles to venture off the primary road to go around washouts and asphalt debris. The situation is unsafe and puts critical government resources out of reach of emergency response vehicles and crews. The fire station on the island is unable to respond with fire equipment and vehicles to emergencies that may arise.

IMPACT IF NOT PROVIDED: If not provided, critical weapons testing sites will remain inaccessible after significant rain events and small tidal surges. This will delay the Air Force, Department of Homeland Security, and other tenant organizations from accomplishment of required test and operational missions compromising timely contributions to fulfilling national security objectives. Furthermore, degradation from lack of calibration and maintenance of existing resources at inaccessible sites will occur. Direct mission impact will result as Santa Rosa Island Range Complex will no longer be able to accomplish its unique test and training capability. Repair of the road on Santa Rosa Island Range Complex is vital to ensure continued access test and training facilities critical to national security.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, new construction) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared. Base Civil Engineer: Colonel Timothy P. Gaffney, (850) 882-2876. 1 Lane Road: 5,633 LM = 18,481 LF; 2 Lane road: 10,461 LM = 34,321 LF.

JOINT USE CERTIFICATION:

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION EGLIN AIR FORCE BASE, FLORIDA		4. PROJECT TITLE REPAIR ROADS, SANTA ROSA ISLAND RANGE COMPLEX	
5. PROGRAM ELEMENT 72806	6. CATEGORY CODE 851-147	7. PROJECT NUMBER FTFA051518A	8. PROJECT COST ($000) 49,000

This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EGLIN AIR FORCE BASE, FLORIDA	REPAIR ROADS, SANTA ROSA ISLAND RANGE COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72806	851-147	FTFA051518A	49,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 2,450

(4) Construction Contract Award 07 DEC

(5) Construction Start 08 JAN

(6) Construction Completion 09 DEC

(7) Energy Study/Life-Cycle analysis was/will be performed NO

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
MACDILL AIR FORCE BASE FLORIDA	AIR MOBILITY COMMAND	0.96

6. Personnel	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 06	306	2,136	377	0	0	0	1,123	1,299	837	6,078
END FY 2011	257	1,969	346	0	0	0	1,511	1,673	1,144	6,900

7. INVENTORY DATA ($000)

a. Total Acreage:	5,767
b. Inventory Total as of : (30 Sep 06)	2,260,301
c. Authorization Not Yet in Inventory:	123,800
d. Authorization Requested in this Program:	82,000
e. Authorization Included in the Following Program: (FY2009)	21,000
f. Planned in Next Four Years Program:	14,705
g. Remaining Deficiency:	250,800
h. Grand Total:	2,752,606

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY2008)

a. CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
610-284	CENTCOM, Joint Intel Center, Phase 3	24,926	SM	25,000	Jun-04	Sep-05
610-284	Alter USCENTCOM HQ	17,393	SM	57,000	Apr-06	Sep-07
			TOTAL =	82,000		

9a. Future Projects: Included in the Following Program: (FY2009)

610-284	SOCCENT HQ & Commandant Facilities	6,115	SM	21,000
			TOTAL =	21,000

9b. Future Projects: Planned Next Four Years: (FY2010-2013)

610-243	Consolidated Base Support Facility	2,787	SM	11,255
141-165	EOD Facility	1,008	SM	3,450
			TOTAL =	14,705

9c. Real Property Maintenance Backlog This Installation 119

10. Mission or Major Functions: An Air Mobility Command wing with a KC-135 squadron and a command support airlift

11. Outstanding pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MACDILL AIR FORCE BASE, FLORIDA	CENTCOM JOINT INTELLIGENCE CENTER, PHASE III

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
31322	610-284	NVZR063713B	APPN: $25,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
CENTCOM JOINT INTELLIGENCE CENTER, PHASE III				69,668
CENTCOM JOINT INTELLIGENCE CENTER, PHASE III	SM	24,926	2,667	(66,478)
ANTITERRORISM FORCE PROTECTION	SM	24,926	128	(3,191)
SUPPORTING FACILITIES				34,220
CENTRAL UTILITY PLANT	MB	36,768	251	(9,229)
VEHICLE PARKING	SM	24,342	316	(7,692)
CE EQUIPMENT SHOP	LS			(3,120)
WATER STORAGE TANK	KG	850	2,035	(1,730)
UTILITIES	LS			(4,500)
PAVEMENTS	LS			(500)
SITE IMPROVEMENTS	LS			(5,000)
DEMOLITION	SM	850	127	(108)
COMMUNICATIONS	LM	500	682	(341)
RELOCATION OF COALITION VILLAGE	LS			(2,000)
SUBTOTAL				103,888
CONTINGENCY (5.0%)				5,194
TOTAL CONTRACT COST				109,082
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				6,218
TOTAL REQUEST				115,300
TOTAL REQUEST (ROUNDED)				115,300
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(22,000.0)

10. Description of Proposed Construction: Construct a new Sensitive Compartmented Information Facility (SCIF) Joint Intelligence Center CENTCOM (JICCENT) as part of the United States Central Command (USCENTCOM) headquarters complex. Project consists of a multi-story reinforced concrete and structural steel building on augered pile foundations (special foundation features); covered entry, steel-reinforced precast concrete panel exterior and standing seam metal roof system; fire protection systems to include pre-action, wet-pipe sprinklers, under floor fire suppression, and fire alarm systems; elevators; computer systems infrastructure such as raised computer flooring; uninterruptible power supply (UPS) system and security provisions; emergency generators; site improvements; adjacent vehicle parking garage; communications infrastructure that includes a protected distribution system (PDS) between the new JICCENT and the existing headquarters; sidewalks extending to other nearby buildings in the CENTCOM headquarters area; a central utility plant; and all other necessary utility support. Additionally, the project shall include a freight elevator with access to a loading dock. Includes Antiterrorism/Force Protection requirements as identified in DoD Unified Facilities Criteria (UFC). The proposed siting requires demolition and reconstruction of an existing Civil Engineer (CE) Equipment Shop and two water storage tanks. Additionally, several temporary trailer

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION MACDILL AIR FORCE BASE, FLORIDA		4. PROJECT TITLE CENTCOM JOINT INTELLIGENCE CENTER, PHASE III	
5. PROGRAM ELEMENT 31322	6. CATEGORY CODE 610-284	7. PROJECT NUMBER NVZR063713B	8. PROJECT COST ($000) APPN: $25,000

facilities must be relocated.

Air Conditioning: 894 Tons

11. Requirement: 24926 SM Adequate: 0 SM Substandard: 9329 SM

PROJECT: Construct a new Sensitive Compartmented Information Facility (SCIF) Joint Intelligence Center CENTCOM (JICCENT) as part of the United States Central Command (USCENTCOM) headquarters complex. (Current Mission)

REQUIREMENT: USCENTCOM's Area of Responsibility (AOR) stretches from Kenya and the Seychelles to the south to Kazakhstan in the north and was recently expanded to include Syria and Lebanon. The CENTCOM AOR is the geographic and ideological heart of the Global War on Terror. A war without borders, it spans all 27 countries in the Central Asian region of the world. JICCENT's mission is to provide the USCENTCOM Commander with the situational awareness and long range analysis needed to defeat adversaries within the AOR, promote regional stability, support allies, and protect US national interests, all aimed toward victory in the Global War on Terror. To effectively carry out this critical, wartime mission, the JICCENT requires an adequately sized, consolidated and effectively configured facility with adequate access and parking. Administrative office space is needed to provide seats for 1,273 permanent party and augmentee personnel at any given time. Additional requirements for administrative office space beyond 1,273 seats, during surge operations for example, will be accommodated via a combination of shift operations within JICCENT and deployment of personnel to CENTCOM's permanent forward headquarters. JICCENT must also include appropriate support areas such as administrative offices, reception areas, file rooms, conference rooms, briefing rooms, video teleconferencing rooms, technical libraries, ADP server and equipment spaces, and administrative storage areas. JICCENT personnel will communicate via numerous US and coalition classified and unclassified local area network systems as well as secure and nonsecure telephones. Intelligence communications and telecommunications centers and all support functions must be in the same facility to increase, productivity and efficiency of operations. Intelligence system server rooms and associated functions will be located on an upper floor to protect them from severe storms (hurricanes) and potential tidal surges.

CURRENT SITUATION: Joint Intelligence Center CENTCOM (JICCENT) is presently housed in undersized, add-on, temporary and dilapidated facilities that have not grown in proportion to the organization's steady mission and manpower growth that followed the end of OPERATION DESERT STORM. When the 11 September 2001 attacks on America led to the command's central role in the Global War on Terror, JICCENT manpower rose sharply by roughly 800 personnel, an increase of 133%. Facility space, however, did not keep pace with these increases. JICCENT personnel are now wedged into an average of less than 50 square feet per person, well below all military standards for adequate workspace. Overpopulation of buildings and work areas has rendered fire suppression, fire exits, electrical power, and heating/ventilation/air-conditioning systems inadequate. Not surprisingly, documentation maintained by the MacDill AFB

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MACDILL AIR FORCE BASE, FLORIDA	CENTCOM JOINT INTELLIGENCE CENTER, PHASE III

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000) APPN: $25,000
31322	610-284	NVZR063713B	

Bioenvironmental Engineering Office highlights numerous valid complaints from the CENTCOM work force. JICCENT personnel are currently housed in six buildings, seven trailers and eight storage locations. Many of these facilities are located on an active flight line hosting the 6th Air Mobility Wing's KC-135 operations. Force protection measures at these locations are far from meeting DOD standards with uncontrolled vehicle parking occurring within inches of most buildings including those housing vital information technologies essential to JICCENT operations. Over half of assigned JICCENT personnel are located 3/4 mile away from the CENTCOM headquarters. Lack of sufficient parking forces these personnel to walk to coordination and planning sessions in the headquarters, introducing further delays and interruptions in carrying out the JICCENT mission. The resultant separation of leadership and support functions severely impedes collaboration and validation on real-time intelligence issues that daily affect the nation's security and the lives of US and Coalition forces.

IMPACT IF NOT PROVIDED: Severe facility shortfalls will continue to adversely impact JICCENT's ability to provide real-time, actionable intelligence in support of United States Central Command's leadership role in the Global War on Terror. Working conditions and facility limitations will continue to undermine personnel retention that has already experienced a 55% turnover in government civilian employees over an 18-month period. Critical C3I links supporting USCENTCOM and Coalition efforts could fail in the event of power or HVAC system failure brought on by the existing overloads on these systems. Depending on the timing of such failures, JICCENT's efforts to locate and track fast moving, high value terrorism targets could be thwarted thereby leaving the United States or its coalition partners vulnerable to future attacks.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. A preliminary analysis of reasonable options was accomplished comparing alternatives of status quo, renovation, addition/alteration, and new construction. It indicates there is only one option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exemption was prepared. This project will be incrementally funded in accordance with Chapter 6 of Volume 2B of DoD Financial Management Regulation, DoD 7000.14-R, dated Jun 2004. Initial funding will be $67.0M in FY06 for project NVZR063713, CENTCOM JOINT INTELLIGENCE CENTER, PHASE I, $23.3M in FY07 for project NVZR063713A, CENTCOM JOINT INTELLIGENCE CENTER, PHASE II, and $25.0M in FY08 for this project. (24,926 SM = 268,300 SF) Base Civil Engineer: Lt Col Justin C. Davey, (813) 828-3577.

JOINT USE CERTIFICATION: The facility is programmed for joint use with the United States Army, Navy, Air Force, and Marines.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MACDILL AIR FORCE BASE, FLORIDA	CENTCOM JOINT INTELLIGENCE CENTER, PHASE III

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
31322	610-284	NVZR063713B	APPN: $25,000

AUTHORIZATION AND APPROPRIATION SUMMARY

	APPROVED BY CONGRESS FY 2006	REQUESTED FY 2007	REQUESTED FY 2008
AUTHORIZATION OF THE PROJECT	$96.0M	$0	$0M
AUTHORIZATION FOR APPROPRIATION	$67.0M	$23.3M	$25.0M
APPROPRIATION	$67.0M	$23.3M	$25.0M

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MACDILL AIR FORCE BASE, FLORIDA	CENTCOM JOINT INTELLIGENCE CENTER, PHASE III

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
31322	610-284	NVZR063713B	AUTH:$25,000 APPN: $25,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	01-JUN-04
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	100%
* (d) Date 35% Designed	30-SEP-04
(e) Date Design Complete	30-SEP-05
(f) 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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	1,200
(b) All Other Design Costs	600
(c) Total	1,800
(d) Contract	1,600
(e) In-house	200
(4) Construction Contract Award	08 JAN
(5) Construction Start	08 FEB
(6) Construction Completion	09 FEB

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
C4I SYSTEMS	3080	2008	12,000
SYSTEMS FURNITURE/WORKSTATIONS	3400	2008	10,000

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MACDILL AIR FORCE BASE, FLORIDA	ALTER USCENTCOM HQ

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41896	610-284	NVZR053714A	57,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ALTER USCENTOCM HQ				39,648
HEADQUARTERS RENOVATION	SM	17,393	1,637	(28,465)
ANTITERRIRISM FORCE PROTECTION	SM	17,393	99	(1,728)
INTERIOR COMMUNICATIONS INFRASTRUCTURE	LS			(9,455)
SUPPORTING FACILITIES				11,710
UTILITIES	LS			(2,280)
PAVEMENTS	LS			(200)
SITE IMPROVEMENTS	LS			(230)
TEMPORARY FACILITIES	LS			(3,000)
PARKING STRUCTURE	LS			(5,700)
FENCING, GATES & BARRICADES	LS			(300)
SUBTOTAL				51,358
CONTINGENCY (5.0%)				2,568
TOTAL CONTRACT COST				53,926
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				3,074
TOTAL REQUEST				57,000
TOTAL REQUEST (ROUNDED)				57,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(22,000.0)

10. Description of Proposed Construction: This project fully renovates the existing USCENTCOM HQ Facility that consists of a multi-story, reinforced concrete and structural steel building on concrete spread footings, flat roof systems, fire detection/suppression systems, and elevators. Alteration will strengthen masonry walls, renovate interior communications infrastructure, improvements site, construct a vehicle parking structure, and all other necessary support. Temporary facilities to serve as "swing-space" will be removed following construction completion. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria.

Air Conditioning: 1,095 Tons

11. Requirement: 30512 SM Adequate: 0 SM Substandard: 17393 SM

PROJECT: Alters the headquarters building of the United States Central Command (USCENTCOM). (Current Mission)

REQUIREMENT: United States Central Command is the Unified Command responsible for the South West Asia theater of operations and supported combatant commander in the current war on terrorism. The CENTCOM headquarters facility currently functions as the command and control center for the war. Through intelligence centers in the facility and communications links, the CENTCOM staff directs combat operations real time. To effectively carry out this mission and future combat operations, CENTCOM requires an adequately sized, consolidated and effectively configured facility. Administrative office space is needed for approximately 2,400 personnel with rapid expansion capability to integrate reserve augmentation and other integral members

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION MACDILL AIR FORCE BASE, FLORIDA	4. PROJECT TITLE ALTER USCENTCOM HQ	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41896	610-284	NVZR053714A	57,000

into the headquarters. Communications and telecommunication centers and all support functions (storage, automated data processing, electronics/communications maintenance, and training areas) must be in the same facility to increase productivity and efficiency of operations. This critical C3I link must be physically and electronically (information and communications) protected from potential terrorist actions. Storage and non-administrative functions must be located on the second floor to protect them from severe storms (hurricanes) and tidal surges. Additionally, the facility shall provide a freight elevator with access to a loading dock and adequate parking.

CURRENT SITUATION: Prior to 9-11, HQ USCENTCOM had severe facility shortfalls that impacted the function and efficiency of their command and control functions. The main building, constructed in 1982, has had 3 additions. The last was completed in 1991. These additions have not kept pace with mission expansion and CENTCOM has been forced to locate their joint intelligence center and an additional 360 personnel in 5 facilities on the flight line and 10 trailers. Over 1,650 personnel worked in this collection of buildings, which are only adequately sized to for 1,200 personnel. Since 9-11, CENTCOM has over 2,300 people working in these existing facilities, plus an additional 800+ members operating in trailers functioning as SCIFs, Operations Centers, and administrative space. This arrangement makes integration of the command and control effort extremely complicated and daily staffing operations have become almost unworkable. In the main building, Bldg 540, equipment and personnel have increased the cooling load to the point that the HVAC system is no longer effective and working conditions are frequently unbearable. This additional load is overstressing the equipment resulting in excessive maintenance, and causing system failures. These HVAC system problems in turn, can cause computer and communications system failures due to overheating. Further, the majority of this building has never been renovated. Common areas have deteriorated from years of heavy use. Ceiling tiles are discolored, lighting fixtures are inefficient, carpet is worn, restroom fixtures are outdated, and the arrangement of interior walls does not support the current organizational structure.

IMPACT IF NOT PROVIDED: Severe facility shortfalls will continue to adversely impact United States Central Command's ability to carry out its real time command and control responsibilities in directing the war on terrorism. Critical C3I links supporting CENTCOM efforts could fail in the event of power or HVAC system failures caused by the existing overload on these systems. CENTCOM staff officers will be forced to continue to work in cramped, hot, office spaces which will impact their productivity and attention to the task.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. An analysis of options for accomplishing this project (status quo, alteration, and new construction) was accomplished. It indicated alteration was the most economic option to meet operational requirements. (17,393 SM = 187,215 SF). Base Civil Engineer: Lt Col John C. Prater, (813) 828-3577.

JOINT USE CERTIFICATION: The facility is programmed for joint use with the United States Army, Navy, Air Force, and Marines.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MACDILL AIR FORCE BASE, FLORIDA	ALTER USCENTCOM HQ

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41896	610-284	NVZR053714A	57,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	01-APR-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	01-APR-07
(e) Date Design Complete	01-SEP-07
(f) 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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	3,266
(b) All Other Design Costs	1,734
(c) Total	5,000
(d) Contract	4,183
(e) In-house	817
(4) Construction Contract Award	08 MAR
(5) Construction Start	08 APR
(6) Construction Completion	10 APR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
C4I PROCUREMENT	3080	2009	14,000
SECURITY SYSTEM/ACCESS CONTROL	3400	2009	2,500
C4I O&M	3400	2009	5,500

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST
PATRICK AIR BASE	AIR FORCE SPACE	COST INDEX
FLORIDA	COMMAND	0.99

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 Sep 06	438	1753	2211	0	0	0	184	776	0	5,362
END FY 2011	438	1753	2211	0	0	0	184	776	0	5,362

7. INVENTORY DATA ($000)

Total Acreage:	2,341	
Inventory Total as of : (30 Sep 06)		329,680
Authorization Not Yet in Inventory:		14,900
Authorization Requested in this Program:		11,500
Authorization Included in the Following Program:	(FY 2009)	0
Planned in Next Four Years Program:		9,800
Remaining Deficiency:		284,035
Grand Total:		649,915

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
740-884	Child Development Center	2,890	SM	11,854	Apr-06	Sep-07
		Total		11,854		

9a. Future Projects: Included in the Following Program: (FY2009)

None

9b. Future Projects: Typical Planned Next Four Years:

171-475	Firing Range	21	PT	9,800
				9,800

9c. Real Propery Maintenance Backlog This Installation ($M) 264.8

10. Mission or Major Functions: The 45th Space Wing provides mission-ready forces for the 14th Air Force and the U.S. Strategic command to safely execute and maintain spacelift operations and operate, maintain, and secure the Eastern Range. It supports ballistic missile test launches, aircraft tests, and other ballistic munitions evaluations. It also supports civil spacelift operations, commercial spacelift operations licensed by the Federal Aviation Administration, and other space launch activities in accordance with National Space Policy and with the provision of public law.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION PATRICK AIR FORCE BASE, FLORIDA	4. PROJECT TITLE CHILD DEVELOPMENT CENTER	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35996	740-884	SXHT013006A	11,854

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				6,751
CHILD DEVELOPMENT CENTER	SM	2,890	2,300	(6,647)
INTERIOR COMMUNICATIONS SUPPORT	SM	2,890	14	(40)
ANTITERRORISUM FORCE PROTECTION	SM	2,890	22	(64)
SUPPORTING FACILITIES				3,955
UTILITIES	LS			(650)
PAVEMENTS	LS			(460)
COMMUNICATION SUPPORT	LS			(225)
PLAYGROUND EQUIPMENT	LS			(1,350)
SITE IMPROVEMENTS	LS			(250)
SPECIAL FOUNDATION/HURRICANE PROVISIONS	LS			(820)
DEMOLITION OF EXISTING ATHLETIC FIELD	LS			(200)
SUBTOTAL				10,706
CONTINGENCY (5.0%)				535
TOTAL CONTRACT COST				11,241
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				641
TOTAL REQUEST				11,882
TOTAL REQUEST (ROUNDED)				11,854

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with composite masonry walls, steel frame, and sloped roof. Includes pavements, access drive, parking, fencing, utilities, visual barriers, playgrounds, communications support, site improvements, and all supporting facilities. Demolish existing athletic field at the proposed Child Development Center (CDC) location. Comply with DoD force protection requirements as per unified facilities criteria.

Air Conditioning: 96 Tons

11. Requirement: 2890 SM Adequate: 0 SM Substandard: 1408 SM

PROJECT: Construct a Child Development Center (CDC). (Current Mission)

REQUIREMENT: This is the Wing Commander's number one Quality of Life project for Patrick AFB. This facility requirement is in accordance with the Military Child Care Act of 1989. Child development services are required for 266 dependent children. A properly sized and functionally configured child development center is needed to provide supervised care for infants through preschool children. Adequate child care facilities must be provided to meet the special requirements placed on military, civilian, and single parent families. The facility must provide services on an hourly, daily, or part-time basis, and provide early development care for children. The facility must provide areas for different age groups, and parental involvement through workshops, conferences, training programs, and family day care support.

CURRENT SITUATION: The existing childcare facility is at maximum capacity (186 children) and is not suitable for a CDC function. The facility was constructed in

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION PATRICK AIR FORCE BASE, FLORIDA	4. PROJECT TITLE CHILD DEVELOPMENT CENTER	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35996	740-884	SXHT013006A	11,854

1958 and later converted to a CDC, there have been numerous projects to upgrade the building. However, over the years, degradation has overcome further attempts to bring the facility up to standards. Childcare and caregiver areas are undersized and interior temperatures cannot be controlled to meet stringent childcare criteria. Lavatories do not meet visibility criteria in provider areas; caregiver lavatories are undersized; and the plumbing systems throughout the facility are antiquated. The existing playground is poorly configured due to above ground utilities in the area and a high voltage electrical cabinet remains accessible to children. This has caused the playground and equipment to be scattered around the facility and it is difficult to control various age children during outdoor activities. The proposed new site will require the demolition of an existing athletic field and supporting facilities. Although not suitable for continued childcare purposes, the existing facility will be returned to the base inventory to meet existing shortages in administrative space.

IMPACT IF NOT PROVIDED: Lack of child care facilities contributes to employee absenteeism, low morale, and has a negative impact on the military and civilian workforces. Personnel will continue to be forced to find more expensive and unaccredited child care services 5 to 12 miles from Patrick AFB. This inability to provide safe, worry-free child care and pre-school activities causes unnecessary stress and financial hardship for personnel, potentially forcing parents to either quit work or place their children with unqualified people.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". An Economic Analysis has been prepared to support this project. "Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders." Base Civil Engineer: Lt. Col Michael L. Furey, (321) 494-4041. Child Development Center: 2,890 SM = 31,108 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PATRICK AIR FORCE BASE, FLORIDA	CHILD DEVELOPMENT CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35996	740-884	SXHT013006A	11,854

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	10-APR-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	15-SEP-06
(e) Date Design Complete	30-SEP-07
(f) 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 -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	690
(b) All Other Design Costs	345
(c) Total	1,035
(d) Contract	935
(e) In-house	100

(4) Construction Contract Award	08 JAN
(5) Construction Start	08 FEB
(6) Construction Completion	09 JUN

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST
TYNDALL AIR FORCE BASE FLORIDA	AIR EDUCATION AND TRAINING COMMAND	COST INDEX 0.82

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	336	2520	429	270	196	0	395	870	220	5,236
END FY 2011	295	2367	402	270	196	0	277	637	211	4,655

7. INVENTORY DATA ($000)		
a. Total Acreage:		29,069
b. Inventory Total as of : (30 Sep 06)		1,277,014
c. Authorization Not Yet in Inventory:		18,400
d. Authorization Requested in this Program:	(FY 2008)	44,114
e. Authorization Included in the Following Program:	(FY 2009)	0
f. Planned in Next Four Years Program:		8,700
g. Remaining Deficiency:		38,500
h. Grand Total:		1,386,728

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
740-674	Fitness Center	8,108	SM	19,014	Design Build	
111-111	Repair Airfield, Phase 1	126,740	SM	25,100	Mar 06	Sep 07
		Total		44,114		

9a. Future Projects: Included in the Following Program: (FY2009)				
None				
	Total			

9b. Future Projects: Typical Planned Next Four Years:				
171-152	ACS Ops and Classroom Facility	4,125	SM	8,700
		Total		8,700

9c. Real Property Maintenance Backlog This Installation ($M)	77

10. Mission or Major Functions: A fighter training wing with three F-15 squadrons and one F-22A squadron responsible for training all F-15 and F-22A aircrews; Air Combat Command's Headquarters First Air Force and 53rd Weapons Evaluation Group, and Southeast Air Defense Sector; Air Force Civil Eningeering Services Agency, and Air Force Research Labatory.

11. Outstanding pollution and Safety (OSHA) Deficiencies:	
a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TYNDALL AIR FORCE BASE, FLORIDA	FITNESS CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85796	742-674	XLWU023001	19,014

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FITNESS CENTER				15,713
FITNESS CENTER	SM	8,108	1,925	(15,608)
ANTITERRORISM / FORCE PROTECTION	SM	8,108	13	(105)
SUPPORTING FACILITIES				1,419
UTILITIES	LS			(308)
SITE IMPROVEMENTS	LS			(250)
PAVEMENTS	LS			(360)
DEMOLITION	SM	4,201	105	(441)
COMMUNICATIONS	LS			(60)
SUBTOTAL				17,132
CONTINGENCY (5.0%)				857
TOTAL CONTRACT COST				17,989
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,025
TOTAL REQUEST				19,014
TOTAL REQUEST (ROUNDED)				19,014

10. Description of Proposed Construction: Reinforced concrete foundation, steel structure, masonry exterior walls, metal roof system, fire protection, HVAC, electrical and plumbing systems. Work includes all utilities and parking. Comply with DoD force protection requirements per unified facilities criteria. Demolition of four facilities (4,201 SM) including the existing fitness center (2,268 SM).

Air Conditioning: 420 Tons

11. Requirement: 8108 SM Adequate: 0 SM Substandard: 2268 SM

PROJECT: Construct Fitness Center. (Current Mission)

REQUIREMENT: An adequate and properly configured facility to conduct comprehensive and balanced programs for physical fitness is required, to include an indoor running track. A fitness center that has all the equipment necessary for the service members to maintain the appropriate level of physical fitness and a centralized location for counseling on nutritional and exercise is essential to the morale and wellness of military personnel. The introduction of the Air Force's Fit to Fight program makes it essential for a base to have a full service fitness center to meet Air Force goals. Programs to be supported include aerobics, health, and nutritional training as well as indoor recreational athletic programs.

CURRENT SITUATION: The Air Force Services Agency conducted an assessment of Tyndall's fitness center (Dec. 2005) and concluded that the facility was not adequately sized to accommodate current demand. The existing fitness center size was designed for a small base and has served Tyndall AFB for over 29 years. Base population at Tyndall has grown over the years and based on current population, Tyndall is now considered a large sized base. The existing fitness center's built-up roof system is in poor condition, the aging air handling units are at the end of

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION TYNDALL AIR FORCE BASE, FLORIDA		4. PROJECT TITLE FITNESS CENTER	
5. PROGRAM ELEMENT 85796	6. CATEGORY CODE 742-674	7. PROJECT NUMBER XLWU023001	8. PROJECT COST ($000) 19,014

their useful life, and the electrical panels are at full capacity. The recently drafted USAF Fitness Design Guide indicates a larger facility is required to satisfactorily accommodate the physical fitness training at this base. Currently, the fitness center has limited health and fitness activities capability. There is only one multi purpose ball court; one each small weight and cardio fitness room; insufficient showers for the male users, as well as other deficiencies. In addition, the existing HAWC is located about one mile from the fitness center diminishing opportunities for the greater health and fitness operations effectiveness and efficiency. The facility does not meet DoD Force Protection Construction Standards and lacks the proper stand-off distances. Also this facility does not comply with the new hurricane shelter design criteria and can no longer be used as a hurricane shelter.

IMPACT IF NOT PROVIDED: The fitness center will not fulfill the needs of authorized personnel. The continued use of substandard and inadequate facilities will be especially detrimental to personnel training and conditioning. Personal health and fitness will be adversely affected, contrary to the challenges set forth by the Air Force Chief of Staff. The installation will lack adequate shelter space in the event of a hurricane.

ADDITIONAL: This project meets the criteria/scope specified in the Air Force Fitness Facilities Design Guide and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements. Therefore, no economic analysis was needed or performed. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Sue K. Grumbach, DSN 523-3283. Fitness Center, 8,108 SM = 87,274 SF

BASE CIVIL ENGINEER: Van De Walle

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis, however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TYNDALL AIR FORCE BASE, FLORIDA	FITNESS CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85796	742-674	XLWU023001	19,014

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 552

(4) Construction Contract Award 08 FEB

(5) Construction Start 08 APR

(6) Construction Completion 09 AUG

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TYNDALL AIR FORCE BASE, FLORIDA	REPAIR AIRFIELD

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85796	111-111	XLWU023005	25,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
REPAIR AIRFIELD				18,333
REPLACE AREAS, RNWY 13L/31R	SM	50,437	145	(7,296)
REPLACE AREAS, TAXIWAYS	SM	76,303	145	(11,037)
SUPPORTING FACILITIES				4,300
INSTALL PIPE AND FILL DITCH, WEST END	LS			(4,300)
SUBTOTAL				22,633
CONTINGENCY (5.0%)				1,132
TOTAL CONTRACT COST				23,765
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,355
TOTAL REQUEST				25,119
TOTAL REQUEST (ROUNDED)				25,100

10. Description of Proposed Construction: Demolish areas and random slabs on portions of the outside runway and replace base material, compact, and place new Portland Cement Concrete (PCC) pavement. Demolish areas on Taxiways P, H, and J, and replace base material, compact, and place new Portland Cement Concrete (PCC) pavement. Place concrete pipe and cover open stormwater drainage ditch, grade area, and construct stormwater retention pond.

11. Requirement: 126740 Adequate: 0 Substandard: 126740

PROJECT: Repairs various PCC areas on the outside runway (13L/31R), Taxiway "P", "H" and "J". (Current Mission)

REQUIREMENT: A fully functional airfield is essential for supporting the Air Force's flying mission. Older runways require major upgrades to comply with modern standards and extend their operational life. Proper drainage is required to reduce BASH incidents and prevent erosion of airfield structures.

CURRENT SITUATION: There are approximately 2000 aircraft operations per month on the two parallel runways. The outside runway was constructed in 1951 and is utilized for all heavy aircraft traffic at Tyndall. Even though the runway has been maintained over the years with some major repair projects being completed, the overall condition of the airfield pavement is rapidly deteriorating, as shown in the Pavement Condition Index Report, dated March 2004. Visual inspection of concrete slabs reveals cracking, spalling, corner breaks, and joint deterioration on the outside runway and three taxiways. Large sections of the outside runway do not meet operational structural requirements and some slabs are beyond repair and require replacement. Currently, an airfield obstruction waiver exists for the open drainage ditch that tranverses the clears zone on the west end of of both runways. Filling in the ditch would eliminate the hazard and a retention pond would alleviate the need of permitting and stormwater treatment for future flightline development projects.

IMPACT IF NOT PROVIDED: Without a revitalization of the airfield structures, the continuing deterioration of the runway and taxiways increase the likelihood of an aircraft being lost due to engine ingestion of a piece of concrete. Without improving

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION TYNDALL AIR FORCE BASE, FLORIDA	4. PROJECT TITLE REPAIR AIRFIELD	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85796	111-111	XLWU023005	25,100

the drainage system, the Air Force must continue to run a higher than desired risk of bird strikes to aircraft. Not only will the Air Force will lose a multipurpose asset that would affect its readiness capability, but the uncontrolled crash of an aircraft could cause signifcant collateral damage.

ADDITIONAL: A preliminary analysis of reasonable options for accomplishing this project was done. It indicates there is only one option that will meet operational requirements. An economic analysis/certificate of exception is being prepared. This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements.
Base Civil Engineer: Lt Col Sue K. Grumbach, DSN 523-3283
Repair Airfield Pavements 126,740 SM = 151,524 SY

BASE CIVIL ENGINEER: GARNER

JOINT USE CERTIFICATION: This facility can be used by other components on an as available basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TYNDALL AIR FORCE BASE, FLORIDA	REPAIR AIRFIELD

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85796	111-111	XLWU023005	25,100

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	15-MAR-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	15-MAR-07
(e) Date Design Complete	17-SEP-07
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	1,416
(b) All Other Design Costs	708
(c) Total	2,124
(d) Contract	1,770
(e) In-house	354

(4) Construction Contract Award	08 FEB
(5) Construction Start	08 APR
(6) Construction Completion	10 APR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST
ROBINS AIR FORCE BASE GEORGIA	AIR FORCE MATERIEL COMMAND:	COST INDEX 0.83

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	1608	7058	14952		13		2	2	78	23,713
END FY 2011	1566	6978	14853		13		2	2	78	23,492

7. INVENTORY DATA ($000)

Total Acreage:	8,722	
Inventory Total as of : (30 Sep 06)		1,905,428
Authorization Not Yet in Inventory:		125,600
Authorization Requested in this Program:		14,700
Authorization Included in the Following Program:	(FY 2009)	24,100
Planned in Next Four Years Program:		57,850
Remaining Deficiency:		298,994
Grand Total:		2,426,672

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
211-152	Aircraft Component Repair Facility	6,190	SM	14,700	Design Build	
		Total		14,700		

9a. Future Projects: Included in the Following Program: (FY2009)

211-116	Aircraft Hangar	9,000	SM	24,100	Design Build	
		Total		24,100		

9b. Future Projects: Typical Planned Next Four Years:

141-764	Software Support Facility	7432	SM	24000
217-712	116 ACW Avionics Facility	1,858	SM	5,000
217-742	54th Combat Comm Squadron Operations Facility	2,700	SM	9,600
610-675	Consolidated Logistics Facility, Depot Operations	6,505	SM	13,600
740-674	Add to Fitness Center	850	SM	2,500
610-281	Command Post Facility	2,400	SM	3,150
		Total		57,850

9c. Real Propery Maintenance Backlog This Installation ($M) 59.4

10. Mission or Major Functions: Warner Robins Air Logistics Center which is responsible for logistics management, support and depot-level maintenance of systems including F-15, C-130, C-5, C-141, and U-2 aircraft, helicopters, missiles and remotely piloted vehicles; an air base wing; an air control wing; HQ Air Force Reserve Command; an Air Mobility Command air refueling group with KC-135 aircraft; an ACC combat communications group; a special operations flight with EC-137D aircraft; an Air National Guard bomb wing with B-1B aircraft; and an Air Force recruiting group.

11. Outstanding pollution and Safety (OSHA Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ROBINS AIR FORCE BASE, GEORGIA	AIRCRAFT COMPONENT REPAIR FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72896	211-152	UHHZ983000	14,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				11,253
AIRCRAFT COMPONENT REPAIR FACILITY	SM	6,190	1,800	(11,142)
ANTITERRORISM FORCE PROTECTION	SM	6,190	18	(111)
SUPPORTING FACILITIES				2,019
UTILITIES	LS			(450)
PAVEMENTS	LS			(650)
SITE IMPROVEMENTS	LS			(300)
DEMOLITION	SM	2,462	170	(419)
COMMUNICATIONS	LS			(100)
STORAGE YARD	LS			(100)
SUBTOTAL				13,272
CONTINGENCY (5.0%)				664
TOTAL CONTRACT COST				13,936
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				794
TOTAL REQUEST				14,730
TOTAL REQUEST (ROUNDED)				14,700
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,000)

10. Description of Proposed Construction: Concrete foundation and floor slab, structural steel-frame and masonry walls with metal roof system. Includes HVAC, utilities and metering, concrete slab for storage yard with fence, lightning protection, fire protection, infrastructure to support user equipment, and all other necessary support. Demolish 3 facilities (2,462 SM). Comply with DoD Force Protection requirements as per unified facilities criteria.

Air Conditioning: 175 Tons

11. Requirement: 6190 SM Adequate: 0 SM Substandard: 5758 SM

PROJECT: Construct an aircraft component repair facility. (Current Mission)

REQUIREMENT: A modernized facility capable of supporting aircraft component repair production capabilities for several major weapon systems (F-15, C-5, C-130, C-141 and H-53). Consolidate existing processes, reduce manhours and aircraft flowdays, reduce personnel and environmental hazards, and enhancing the ability to adapt to changing workloads.

CURRENT SITUATION: Currently component repair work is located in five different buildings. Three buildings are severely degraded and are not suited for aircraft component repair. Buildings 603 and 605 are WWII era facilities constructed in 1942. Building 369 is a deteriorated wooden structure used for parts storage. The dust, paint, and other emissions from depot processes creates environmental and workplace hazards. In addition, two buildings 255 and 146 only houses portion of the operation and must be consolidated with other activities to achieve LEAN manufacturing goals. These buildings cannot be economically repaired or upgraded to accommodate the

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA		4. PROJECT TITLE AIRCRAFT COMPONENT REPAIR FACILITY	
5. PROGRAM ELEMENT 72896	6. CATEGORY CODE 211-152	7. PROJECT NUMBER UHHZ983000	8. PROJECT COST ($000) 14,700

current mission. In addition, the buildings are one to two miles from the supporting backshops which requires excessive manhours and travel time as components travel back and forth between facilities.

IMPACT IF NOT PROVIDED: If this project is not provided, significant savings in manhours, aircraft flowdays, and reduced material inventories will not be realized. Current process inefficiencies will remain as aircraft components continue to be transported across base to separate facilities for depot maintenance and the associated cost of aircraft depot maintenance will continue to rise.

ADDITIONAL: An economic analysis has been prepared comparing the alternatives of new construction, revitalization, and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project, a 3.1 year payback. This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." The requirements for this project was validated by the Joint-Service Depot Maintenance Military Construction Review Panel on 16 November 2005. Base Civil Engineer: Col Lemoyne F. Blackshear. (478) 926-3093. Aircraft Component Repair Facility: 6,190 SM = 66,629 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ROBINS AIR FORCE BASE, GEORGIA	AIRCRAFT COMPONENT REPAIR FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72896	211-152	UHHZ983000	14,700

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 735

(4) Construction Contract Award 07 DEC

(5) Construction Start 08 FEB

(6) Construction Completion 09 AUG

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPR(	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
EQUIPMENT (WCF)	3080	2009	1,000

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST COST INDEX
HICKAM AIR FORCE BASE HAWAII	PACIFIC AIR FORCES	1.66

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	1,157	5,132	3,215	0	0	0	0	0	0	9,504
END FY 2010	1,126	4,939	3,020	0	0	0	0	0	0	9,085

7. INVENTORY DATA ($000)

Total Acreage:	3,002	
Inventory Total as of : (30 Sep 05)		4,722,030
Authorization Not Yet in Inventory:		61,370
Authorization Requested in this Program:		31,971
Authorization Included in the Following Program:	(FY 2009)	0
Planned in Next Three Years Program:		114,638
Remaining Deficiency:		247,100
Grand Total:		5,177,109

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
113-321	C-17 Parking Ramp	40,418	SM	15,471	Aug-06	Sep-07
141-753	DCGS INTEL Sq Ops Facility	3,122	SM	16,500	Oct-06	Sep-07
		Total		31,971		

9a. Future Projects: Included in the Following Program: (FY2009)

		Total		0

9b. Future Projects: Typical Planned Next Four Years:

179-475	Hawaii Joint Regional CATM Fac	2,572	SM	7,700
731-142	Main&Sat Fire/Crash Rescue Station	4,415	SM	22,638
812-225	Upgrd Elec Distribution Sys, Phase 5 of 6	1	LS	10,000
113-321	Repair Airfield Pvmt, Ph 1	125,354	SM	9,500
171-618	C-17 Maintenance Training Device Fac	2,656	SM	12,100
730-441	Base Education Center	2,137	SM	9,200
740-674	Fitnes Center (ADAL)	7,211	SM	22,000
141-181	Homeland Defense Fighter Alert Hangar	4,516	SM	21,500
		Total		114,638

9c. Real Property Maintenance Backlog This Installation ($M) 122

10. Mission or Major Functions: A host air base wing supporting KC-135B/C aircraft and hosting Headquarters, Pacific Air Forces. The installation also hosts an Air National Guard wing consisting of an F-15A/B squadron, a KC-135 air refueling squadron, and a C-130H airlift squadron. Other major activities include an Air Intelligence Agency intelligence group and an Air Mobility Support group.

11. Outstanding pollution and Safety (OSHA Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HICKAM AIR FORCE BASE, HAWAII	C-17 PARKING RAMP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41130	113-321	KNMD063025	15,471

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				13,661
CONCRETE PARKING PAVEMENT	SM	18,315	338	(6,190)
CONCRETE TURNING AREAS PAVEMENT	SM	22,103	338	(7,471)
SUPPORTING FACILITIES				200
SOIL REMEDIATION	LS			(200)
SUBTOTAL				13,861
CONTINGENCY (5.0%)				693
TOTAL CONTRACT COST				14,554
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				946
TOTAL REQUEST				15,500
TOTAL REQUEST (ROUNDED)				15,471

10. Description of Proposed Construction: Construct four new C-17 parking spots and turning areas. Excavate and replace base course and replace asphalt apron pavement with concrete. Includes saw cutting, removal and disposal of existing asphalt pavement, installation of grounding points and tie-down points, striping of apron, and contaminated soil remediation.

11. Requirement: 40418 SM Adequate: 0 SM Substandard: 40418 SM

PROJECT: Construct C-17 Parking Ramp. (New Mission)

REQUIREMENT: An adequate and suitable parking ramp, compatible with the base's aircraft parking and ramp operations plans, is critical to support C-17 operations. Aircraft parking spots and turning areas are essential to the successful beddown and operation of the C-17 squadron at Hickam AFB. Hickam is the mobility hub for PACAF and services Hawaii Air National Guard, transient, and assigned wing aircraft. The beddown of a squadron of C-17 aircraft at Hickam AFB requires adequate concrete apron parking to support this mission.

CURRENT SITUATION: There are currently no available parking spots on the Hickam AFB apron stressed to support day-to-day C-17 operations. The existing aircraft parking ramp at Hickam AFB is 30 to 35 years old and is not able to support continuous stresses at parking locations and at taxi lane turning areas. The existing asphalt airfield pavement is showing signs of multiple distresses, with alligator cracking and severe weathering and raveling along with longitudinal cracking. These conditions present a continuing foreign object damage (FOD) hazard to aircraft. Other C-17 bases have experienced asphalt damage in most of their taxi areas when C-17s enter and depart parking spots. Parking C-17 aircraft full-time on asphalt causes rutting and depressions because concrete ramp pavement is needed to adequately support C-17 aircraft. The proposed parking area is deemed poor by a Pavement Condition Index survey conducted in 2002. An airfield structural report indicates the existing asphalt pavement cannot support fully loaded C-17s, especially considering the number of passes expected for a locally based squadron of these aircraft. Additionally, the KC-135 aircraft transiting this pavement area have low-

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HAWAII	4. PROJECT TITLE C-17 PARKING RAMP	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41130	113-321	KNMD063025	15,471

hanging engines and any debris on the pavement is easily vacuumed into the engines. This situation can wear down parts and possibly cause engine failure. Frequent engine damage will be a high likelihood from debris broken loose from C-17 transiting the area or making turns into parking spots and maintenance hangers.

IMPACT IF NOT PROVIDED: Rutting and cracking will continue to produce loose pavement and consequently, a high FOD hazard to mission aircraft. Pavements will not be able to support fully loaded C-17 operations therefore forcing the aircraft to park at the heavily used AMC ramp that supports C-5 enroute operations. The increased number of passes on the existing asphalt pavement will reduce the life cycle of the pavement creating major maintenance problems, FOD, and eventual failure of the pavement to support any mission aircraft. This will greatly degrade the overall ability of Hickam AFB to support enroute operations and contingency efforts.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for satisfying this requirement indicates that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Colonel Andrew Q. Knapp, 808-449-1660. Upgrade Airfield Apron: 40,418 SM = 48,339 SY.

JOINT USE CERTIFICATION: This facility can be used by other components on an as available basis, however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HICKAM AIR FORCE BASE, HAWAII	C-17 PARKING RAMP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41130	113-321	KNMD063025	15,471

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	02-AUG-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	01-MAR-07
(e) Date Design Complete	30-SEP-07
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):

	($000)
(a) Production of Plans and Specifications	928
(b) All Other Design Costs	465
(c) Total	1,393
(d) Contract	1,238
(e) In-house	155

(4) Construction Contract Award	08 FEB
(5) Construction Start	08 MAR
(6) Construction Completion	09 OCT

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HICKAM AIR FORCE BASE, HAWAII	DCGS INTEL SQUADRON OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35208	141-753	KNMD093000	16,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				11,526
SQUADRON OPERATIONS FACILITY	SM	3,122	3,658	(11,420)
ANTI-TERRORISM/FORCE PROTECTION	SM	3,122	34	(106)
SUPPORTING FACILITIES				3,214
UTILITIES	LS			(388)
DEMOLITION	LS			(171)
COMMUNICATIONS	LS			(155)
HAZARDOUS MATERIAL ABATEMENT	LS			(100)
RELOCATE 735 AMS	LS			(2,400)
SUBTOTAL				14,740
CONTINGENCY (5.0%)				737
TOTAL CONTRACT COST				15,477
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				1,006
TOTAL REQUEST				16,483
TOTAL REQUEST (ROUNDED)				16,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(3,495.0)

10. Description of Proposed Construction: Construct multi-story Sensitive Compartmented Information Facility (SCIF), floor slabs, structural frame, insulated metal walls, and utilities. Includes briefing/debriefing rooms, operations group command section, conference room, staff offices, standardization and evaluation, training rooms, systems maintenance area, scheduling/operations, communications support, mechanical areas, raised flooring, fire suppression protection system, demolition, and hazardous material abatement. Relocate the 735th Air Mobility Squadron out of the south end of Hangar 5, Bldg 2045, incident to construction. This project will construct SCIF addition in the south end of Hangar 5 which will be connected to existing DGS-5 located in the north half of the hangar. Project will comply with DoD anti-terrorism/force protection requirements per unified facilities criteria.

Air Conditioning: 135 Tons

11. Requirement: 14233 SM Adequate: 9648 SM Substandard: 1463 SM

PROJECT: Construct DCGS Intelligence Squadron Operations facility. (New Mission)

REQUIREMENT: Provide secure facility space to support AN/GSQ-272 Sentinel Weapon System's Pacific node, Distributed Ground Station-5 (DGS-5), and 8th Intelligence Squadron (8 IS) mission support equipment and personnel. Provide facility for Air Force intelligence operations, mission planning, briefings/debriefings, various electronic intelligence/communications systems, intelligence reference library, general classified storage, and equipment storage area. Project will be connected to the existing DGS-5 area in the facility, allowing for consolidated operations in a single area.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HICKAM AIR FORCE BASE, HAWAII	DCGS INTEL SQUADRON OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35208	141-753	KNMD093000	16,500

CURRENT SITUATION: DGS-5 is the primary intelligence exploitation node for PACAF Global Hawk operations. 8 IS handles the imagery intelligence for DGS-5 at Hickam. Exploitation of Global Hawk, Predator and U-2 is accomplished in direct support of the PACAF Air Operations Center, US Pacific Command (PACOM), and US Central Command (CENTCOM). DGS-5 is poised to field an advanced technology upgrade which creates new requirements for increased secure space. The existing SCIF located in an existing hangar, including the central DGS-5 SCIF area being constructed under FY06 MILCON project KNMD073000, is not adequate to house the entire scope of the mission comprising both 8 IS / DGS-5 mission support equipment and personnel plus the added personnel and equipment necessary to support the AN/GSQ-272. Due to Air Force intelligence transformation and a planned DGS-5 weapon system upgrade, additional square footage must be in place to support additional crews and systems. The number of systems and personnel are increasing to 138 military and support personnel by FY07 when a major new block upgrade is scheduled. Additional space is also required to house the Intelligence Surveillance and Reconnaissance Operations Group, which includes the current DGS-5 structure, associated Air National Guard units, and Global Hawk mission infrastructure. Current space in existing hangar will continue to house the operations floor for DGS-5 that will see a 500% systems growth. Unit growth results in requirement to construct this new SCIF area contiguous to the FY06 MILCON SCIF for operational security and effectiveness. Therefore, to obtain the space needed, 735 AMS must be moved out of the hangar.

IMPACT IF NOT PROVIDED: DGS-5 and 8 IS ability to conduct National Command Authority-directed sensitive intelligence exploitation in support of PACOM and CENTCOM will be greatly limited. There will be inadequate space for training and for planned computer systems, including servers, computer racks, and routers. Mission capability will be greatly degraded for PACAF's primary engine for providing horizontally-integrated information superiority to the Joint Warfighting construct within the Pacific.

ADDITIONAL: This project meets the scope/criteria specified in Air Force Handbook 32- 1084, "Facility Requirements." A preliminary analysis of reasonable options for satisfying this requirement indicates that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate for waiver from an economic analysis has been prepared. Base Civil Engineer: Colonel Andrew Q. Knapp, 808-449-1660. Construct: Intel Squad Ops: 3,122 SM = 33,604 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HICKAM AIR FORCE BASE, HAWAII	DCGS INTEL SQUADRON OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35208	141-753	KNMD093000	16,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	15-OCT-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	01-MAR-07
(e) Date Design Complete	30-SEP-07
(f) 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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	990
(b) All Other Design Costs	495
(c) Total	1,485
(d) Contract	1,320
(e) In-house	165
(4) Construction Contract Award	08 FEB
(5) Construction Start	08 MAR
(6) Construction Completion	10 MAR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
EQUIPMENT	3400	2008	1,940
FURNISHINGS	3400	2008	1,555

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
SCOTT AIR FORCE BASE ILLINOIS	AIR MOBILITY COMMAND	1.16

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	1,718	4,243	5,577	0	0	0	428	1,705	4,292	17,963
END FY 2011	1,718	4,243	5,577	0	0	0	428	1,705	4,292	17,963

7. INVENTORY DATA ($000)

Total Acreage:		5,389
Inventory Total as of : (30 Sep 06)		2,272,348
Authorization Not Yet in Inventory:		32,800
Authorization Requested in this Program:	(FY 2008)	16,700
Authorization Included in the Following Program:	(FY 2009)	0
Planned in Next Four Years Program:	(FY 2010-2013)	23,200
Remaining Deficiency:		28,000
Grand Total:		2,373,048

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
730-835	Security Forces Operations Facility	3,575	SM	16,700	Design-Build	
			TOTAL	16,700		

9a. Future Projects: Included in the Following Program: (FY2009)

None

TOTAL 0

9b. Future Projects: Typical Planned Next Four Years: (FY 2010-2013)

740-884	Child Development Center	2,100	SM	8,200
610-248	HQ AMC/USTRANSCOM Fac, Ph1	3,100	SM	15,000
			TOTAL	23,200

9c. Real Property Maintenance Backlog This Installation ($M) 92

10. Mission or Major Functions: Headquarters Air Mobility Command and US Transportation Command, an aeromedical evacuation wing, with an AF Reserve Associate wing and an Air National Guard air refueling wing.

11. Outstanding pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SCOTT AIR FORCE BASE, ILLINOIS	SECURITY FORCES OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41896	730-835	VDYD063001	16,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SECURITY FORCES OPERATIONS				10,832
SECURITY FORCES OPERATIONS	SM	3,575	3,000	(10,725)
ANTITERRORISM FORCE PROTECTION	SM	3,575	30	(107)
SUPPORTING FACILITIES				4,220
UTILITIES	LS			(880)
PAVEMENTS	LS			(720)
SITE IMPROVEMENTS	LS			(550)
COMMUNICATIONS SUPPORT	LS			(200)
ENVIRONMENTAL REMEDIATION	LS			(850)
SPECIAL FOUNDATIONS	LS			(850)
DEMOLITION	SM	1,217	140	(170)
SUBTOTAL				15,053
CONTINGENCY (5.0%)				753
TOTAL CONTRACT COST				15,805
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				901
TOTAL REQUEST				16,706
TOTAL REQUEST (ROUNDED)				16,700
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(582)

10. Description of Proposed Construction: A one story masonry facility built on a reinforced concrete slab with brick veneer exterior treatment, sloped raised seam metal roof system, administrative and training space, armory, prison, mechanical equipment room, storage area, lighted parking, landscaping, and all associated utilities. This project Includes security and fire detection/suppression systems and the demolition of building 1970 (1,217 SM). Includes antiterrorism/force protections requirements identified in DoD unified facilities criteria.

Air Conditioning: 150 Tons

11. Requirement: 3575 SM Adequate: 0 SM Substandard: 1900 SM

PROJECT: Construct a unified 375/126 Air Force active duty and Air National Guard Security Forces Squadron operations compound. (Current Mission)

REQUIREMENT: A sufficiently sized Security Forces Squadron Operations Facility is required to support the bases' joint security forces (Air Force and ANG) to include air base defense, crime prevention, investigation, training, information and personnel security, resource protection, confinement operations, weapons vault and armory. Storage within the facility is required to ensure that important equipment utilized by security forces will be readily available for quick response to security issues on base.

CURRENT SITUATION: The 375th Security Forces Squadron operates at two separate locations on the installation. One of the facilities lacks the necessary mechanical and electrical systems for adequate interior environmental control forcing workers to

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION SCOTT AIR FORCE BASE, ILLINOIS		4. PROJECT TITLE SECURITY FORCES OPERATIONS FACILITY	
5. PROGRAM ELEMENT 41896	6. CATEGORY CODE 730-835	7. PROJECT NUMBER VDYD063001	8. PROJECT COST ($000) 16,700

adjust their work schedule to compensate for the lack of environmental control. The main administrative facility, constructed in 1953, does not meet the needs of the squadron. Security Forces confinement area does not have required functional capabilities. The existing interview room currently doubles as a detention cell for prisoners, who often cause damage to the room. The confinement cells are located such that prisoners must be led through the administrative and customer service areas and directly across from the office of investigations, causing potential encounters between prisoners and their victims and/or witnesses. The poor state of facilities and lack of resources for the Security Forces Squadron have forced the personnel to develop many work-arounds and have decreased the effectiveness of operations. The 126th Security Forces (Air National Guard) operate from one facility on the installation, in which they are one of numerous occupants. The space they occupy only meets half their requirement, and it is not possible to expand in this location.

IMPACT IF NOT PROVIDED: Daily operations of the 375th Security Forces Squadron will continue to be hindered due to the effects of inadequate facilities. The unit's ability to rapidly support Aerospace Expeditionary Force requirements and to quickly respond to on-base emergency security issues will continue to be inefficient. Thus, the lack of this facility will jepordize the ability of the Security Force personnel to protect base personnel, highly valuable material assets on base, and support the GWOT.

ADDITIONAL: This projects meets the criteria/scope specified in Air Force Handbook AFI 32-1084, Facility Requirements and the Air Mobility Command Security Force Facilities Design Guide. Environmental remediation of contaminated soil is required as this facility is sited adjacent to an aircraft parking apron. Special foundations are required due to an underground sand lens at this location. An economic analysis was completed on 19 January 2006 comparing alternatives of new construction, alterations, and status quo. Based on the benefits of the respective alternatives, new construction was found to be the most cost effective method for meeting mission requirements. This is a joint AMC / ANG project; however, it is fully funded by the Active Duty Air Force. Security Forces Operations - 3,475 SM = 37,405 SF

JOINT USE CERTIFICATION: This facility is programmed for joint use with the 126th ARW Security Forces of the Air National Guard; however, it is fully funded by the Air Force.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SCOTT AIR FORCE BASE, ILLINOIS	SECURITY FORCES OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41896	730-835	VDYD063001	16,700

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - **NO**

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs **750**

(4) Construction Contract Award **08 JAN**

(5) Construction Start **08 FEB**

(6) Construction Completion **09 JUN**

(7) Energy Study/Life-Cycle analysis was/will be performed **YES**

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPR(	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNITURE	3080	2008	582

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
FORT RILEY, KANSAS	AIR COMBAT COMMAND	1.06

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06										
END FY 2011										

7. INVENTORY DATA ($000)
a. Total Acreage:
b. Inventory Total as of : (30 Sep 06)
c. Authorization Not Yet in Inventory:
d. Authorization Requested in this Program:
e. Authorization Included in the Following Program: (FY 2009)
f. Planned in Next Four Years Program:
g. Remaining Deficiency:
h. Grand Total:

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
141-753	Air Support Operations Squadron	2,980 SM	12,515	Jul-06	Sep-07

9a. Future Projects: Included in the Following Program: (FY2009)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000
	None		

9b. Future Projects: Typical Planned Next Four Years:

None

9c. Real Property Maintenance Backlog This Installation: 105

10. Mission or Major Functions: Fort Riley provides training, readiness, and deployability for three active component combat brigades; mobilizes and deploys active and reserve component units; and provides effective support for soldiers and families during peace and war.

11. Outstanding Pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FORT RILEY, KANSAS	AIR SUPPORT OPERATIONS SQUADRON COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27412	141-753	ACC083006	12,515

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				8,676
AIR SUPORT OPERATIONS SQUADRON FACILITY	SM	2,980	2,500	(7,450)
VEHICLE COVERED STORAGE	SM	1,271	854	(1,085)
HAZMAT STORAGE	SM	45	2,325	(105)
ANTI-TERRORISM/FORCE PROTECTION	SM	2,980	12	(36)
SUPPORTING FACILITIES				2,600
UTILITIES	LS			(655)
PAVEMENTS	LS			(870)
SITE IMPROVEMENTS	LS			(425)
COMMUNICATIONS SUPPORT	LS			(650)
SUBTOTAL				11,276
CONTINGENCY (5.0%)				564
TOTAL CONTRACT COST				11,840
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				675
TOTAL REQUEST				12,514
TOTAL REQUEST (ROUNDED)				12,515

10. Description of Proposed Construction: Reinforced concrete foundations, steel frame, masony block, standing seam metal roof, utilities, pavements, site improvements, landscaping, fire detection/protection, communication support, and all other necessary support. This project will comply with DoD anti-terrorism/ force protection requirements per unified facilities criteria.

Air Conditioning: 35 Tons

11. Requirement: 2980 SM Adequate: 0 SM Substandard: SM

PROJECT: Construct an Air Support Operations Squadron Complex. (New Mission)

REQUIREMENT: A facility is required to support adequately the administration, operations, training, vehicle and equipment maintenance, and storage requirements for the 10th Air Support Operations Squadron (ASOS) assigned to Fort Riley, Kansas. 10 ASOS supports the 3rd Air Support Operations Group (ASOG) at Fort Hood, 1st Infantry Division, and 1st Armored Division. This project supports Chief of Staff of the Air Force direction to collocate ASOS units with their aligned Army units. 10 ASOS maintains mission-ready air support operational personnel, radios, vehicles, and mobility equipment to provide command and control of close air support. 10 ASOS requires significant pavements for parking and storage of assigned vehicles and mobility equipment, which drives higher support costs.

CURRENT SITUATION: 10 ASOS is currently housed in multiple facilities geographically separated on post. Assigned facilities fail to meet minimum acceptable operational standards. The space assigned at Fort Riley compromises the unit's ability to support its operationally assigned units properly. There are no other excess facilities on Fort Riley that will meet mission requirements.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FORT RILEY, KANSAS	AIR SUPPORT OPERATIONS SQUADRON COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27412	141-753	ACC083006	12,515

IMPACT IF NOT PROVIDED: 10 ASOS operational capabilities will continue to be impacted significantly. Adequate facilities will not be available to perform operations and maintenance functions critical to providing close air support. Valuable assets will remain exposed to harsh environmental conditions resulting in premature deterioration and increased maintenance costs.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements" and the Air Force Facilities on Army Installations Guide. A preliminary analysis for accomplishing this project was conducted and it indicates there is only one option that will meet requirements. Because of this, a full economic analysis was not performed, and a certificate of exception has been accomplished. (ASOS: 2,980 SM = 32,065 SF; Vehicle Storage: 1,571 SM = 16,904 SF; Hazardous Material Storage: 45 SM = 484 SF).

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FORT RILEY, KANSAS	AIR SUPPORT OPERATIONS SQUADRON COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27412	141-753	ACC083006	12,515

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	31-JUL-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	35%
* (d) Date 35% Designed	01-JAN-07
(e) Date Design Complete	30-SEP-07
(f) 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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	**($000)**
(a) Production of Plans and Specifications	751
(b) All Other Design Costs	375
(c) Total	1,126
(d) Contract	1,001
(e) In-house	125
(4) Construction Contract Award	**08 FEB**
(5) Construction Start	**08 MAR**
(6) Construction Completion	**09 OCT**

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
OFFUTT AIR FORCE BASE, NEBRASKA	AIR COMBAT COMMAND	1.11

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	1838	5627	4038	81	101	68	427	208	453	12,841
END FY 2011	1815	5467	3347	81	101	68	427	208	453	11,967

7. INVENTORY DATA ($000)

a. Total Acreage:	3,644	
b. Inventory Total as of : (30 Sep 06)		4,129,666
c. Authorization Not Yet in Inventory:		62,450
d. Authorization Requested in this Program:		16,952
e. Authorization Included in the Following Program: (FY 2009)		0
f. Planned in Next Four Years Program:		23,000
g. Remaining Deficiency:		125,200
h. Grand Total:		4,357,268

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
141-456	ADAL Intelligence Squadron Facility	7,976 SM	16,952	Aug-06	Sep-07
		TOTAL	16,952		

9a. Future Projects: Included in the Following Program: (FY2009)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000
	None		

9b. Future Projects: Typical Planned Next Four Years:

CODE	PROJECT TITLE	SCOPE	$,000
171-211	Consolidated Training Complex	8,596 SM	23,000
		TOTAL	23,000

9c. Real Property Maintenance Backlog This Installation: 105

10. Mission or Major Functions: Headquarters Air Combat Command; a strategic aerial reconnaissance wing with 5 flying reconnaissance squadrons flying the OC/RC/TC/WC-135 class aircraft and 1 strategic command and control squadron flying the E-4B, the Force Weather Agency, USAF Heartland of America Band and a Strategic Intelligence Squadron

11. Outstanding Pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 9 Jul 02

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION OFFUTT AIR FORCE BASE, NEBRASKA	4. PROJECT TITLE ADAL INTELLIGENCE SQUADRON FACILITY	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
28019	141-456	SGBP023004	16,952

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				13,699
ADD TO INTELLIGENCE FACILITY	SM	5,093	2,143	(10,914)
ALTER INTELLIGENCE FACILITY	SM	2,883	943	(2,719)
ANTI-TERRORISM/FORCE PROTECTION	SM	5,093	13	(66)
SUPPORTING FACILITIES				1,609
UTILITIES	LS			(354)
SITE IMPROVEMENTS	LS			(382)
PAVEMENTS	LS			(599)
COMMUNICATION SUPPORT	LS			(275)
SUBTOTAL				15,308
CONTINGENCY (5.0%)				765
TOTAL CONTRACT COST				16,074
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				916
TOTAL REQUEST				16,990
TOTAL REQUEST (ROUNDED)				16,952
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,188.0)

10. Description of Proposed Construction: Reinforced concrete foundation, floor slab, steel framing, masonry walls, standing seam metal roof, fire detection/protection, utilities, site improvements, pavements, communication support, and all other necessary support. Project will comply with minimum DoD anti-terrorism/ force protection requirements per unified facilities criteria.

11. Requirement: 11182 SM Adequate: 3206 SM Substandard: 4091 SM

PROJECT: Add to and Alter Intelligence Squadron Facility. (Current Mission)

REQUIREMENT: A Sensitive Compartmented Information Facility (SCIF), properly sized and configured, is required to correct space deficiencies at the 97th Intelligence Squadron facility.

CURRENT SITUATION: The 97th Intelligence Squadron is the only USAF unit to support all three variants of the RC-135. Combat support and real-time intelligence provided by 97 IS to combatant commanders and the National Command Authority has been crucial to the success of Operation Iraqi Freedom and the Global War On Terrorism. The squadron has 474 personnel assigned with 785 projected to be assigned in FY08 (705 Active Duty and 80 Reserve personnel). The mission changes will drive a 200 percent increase in linguistics personnel. The existing facility is sized adequately for 337 personnel, but as the unit continues to experience growth it can no longer support the mission and personnel. The increase of personnel and equipment is impinging on operations space to the extent that all existing space has been utilized. There is no dedicated space for initial or ongoing position qualification training/testing, which by necessity, is accomplished in the midst of on-going office work. Lack of adequate space adversely affects scheduling operations personnel for mandatory training as well as mission planning, briefing and debriefing. The facility electrical

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION OFFUTT AIR FORCE BASE, NEBRASKA		4. PROJECT TITLE ADAL INTELLIGENCE SQUADRON FACILITY	
5. PROGRAM ELEMENT 28019	6. CATEGORY CODE 141-456	7. PROJECT NUMBER SGBP023004	8. PROJECT COST ($000) 16,952

distribution and HVAC systems are operating at maximum capacity and cannot support any additional loads. An ACC Unit Compliance Inspection in September 2005 determined that the facility is not suitable for training in its current configuration and condition.

IMPACT IF NOT PROVIDED: 97 IS will not have adequate facilities capability to support increased mission and personnel requirements. Continued operations in overcrowded conditions will force daily workarounds and have a negative impact on both mission effectiveness and morale. Quality of training for linguistics personnel on RC-135 aircraft will suffer. The ability of 97 IS to provide timely and accurate information to the warfighter and national decision-makers will be hampered.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." Space requirements for operational functions were determined by HQ Air Intelligence Agency. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Barton Barnhart (402) 294-5501; (Addition to Intelligence Facility: 5,093 SM = 54,821 SF; Alteration: 2,883 SM = 31,021 SF)

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
OFFUTT AIR FORCE BASE, NEBRASKA	ADAL INTELLIGENCE SQUADRON FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
28019	141-456	SGBP023004	16,952

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	15-AUG-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	01-MAR-07
(e) Date Design Complete	30-SEP-07
(f) Energy Study/Life-Cycle analysis was/will be performed	NO
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	1,017
(b) All Other Design Costs	569
(c) Total	1,586
(d) Contract	1,356
(e) In-house	230
(4) Construction Contract Award	08 FEB
(5) Construction Start	08 MAR
(6) Construction Completion	10 MAR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS EQUIPMENT	3400	8	963
FURNITURE	3400	9	225

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST
CANNON AIR FORCE BASE, NEW MEXICO	AIR FORCE SPECIAL OPERATIONS COMMAND	COST INDEX 1.04

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	305	3314	769	0	15	0	0	0	50	4,453
END FY 2011	288	3177	730	0	15	0	0	0	50	4,260

7. INVENTORY DATA ($000)		
a. Total Acreage:		3,926
b. Inventory Total as of : (30 Sep 06)		1,553,903
c. Authorization Not Yet in Inventory:		0
d. Authorization Requested in this Program:		1,688
e. Authorization Included in the Following Program:	(FY 2009)	0
f. Planned in Next Four Years Program:		58,749
g. Remaining Deficiency:		63,600
h. Grand Total:		1,677,940

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
211-111	Add/Alter C-130 Hanger	200 SM	1,688	Design	Build
		Total	1,688		

9a. Future Projects: Included in the Following Program: (FY2009)

None

9b. Future Projects: Typical Planned Next Four Years:

131-111	Consolidated Communications Facility	5,574 SM	15,000
730-441	Library / Education Center	3950 SM	7,950
721-312	Dormitory	3,168 SM	7,450
861-165	Add/Alter Waste Wtr Trmnt Plant	300 KG	5,000
740-884	Child Development Center	1,580 SM	7,800
740-674	Add/Alter Fitness Center	1900 SM	5,000
721-312	Dormitory	3,168 SM	8,062
111-115	Support Activities	LS	450
721-312	Support Activities	LS	662
740-737	Family Center	LS	700
721-312	Comminity Facilities	LS	675
		Total	58,749

9c. Real Property Maintenance Backlog This Installation: 56

10. Mission or Major Functions: A fighter wing, which includes four United States F-16 fighter squadrons and one Republic of Singapore F-16 squadron.

11. Outstanding Pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 9 Jul 02

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
CANNON AIR FORCE BASE, NEW MEXICO	ADD/ALTER C-130 HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	211-111	CZQZ073006	1,688

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADAL HANGAR				716
CONSTRUCT ADDITION	SM	200	3,512	(702)
ANTITERRORISM/FORCE PROTECTION	EA	1	14,000	(14)
SUPPORTING FACILITIES				763
HEF FIRE SUPPRESSION SYSTEM	EA	1	400,000	(400)
ELECTRICAL	LS			(30)
HEATING	LS			(20)
PAVEMENTS	SM	725	200	(145)
PAINTING	SM	500	85	(43)
DEMOLITION	SM	1,000	25	(25)
SITE IMPROVEMENTS	LS			(100)
SUBTOTAL				1,479
CONTINGENCY (5.0%)				74
TOTAL CONTRACT COST				1,553
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				89
TOTAL REQUEST				1,641
TOTAL REQUEST (ROUNDED)				1,688
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(10)

10. Description of Proposed Construction: Add extension and movable doors to existing hangar to accomodate C-130 tail section. Remove existing fire suppression and replace with High Expansion Foam system. Raise existing lights and heat system plumbing as required to accomodate C-130. Demolishes and replaces existing concrete and airfield markings (1000 SM) in the vicinity of the extension. Add equipment hoist. Complies with DoD force protection requirements per the unified facilities criteria.

11. Requirement: 2075 SM Adequate: 1875 SM Substandard: 0 SM

PROJECT: Add to/alters Hanger 109 (New Mission).

REQUIREMENT: The hangar needs to be altered to accomodate a C-130 or other large framed aircraft so that maintenance may be performed in an enclosed area, which will protect personnel and aircraft components from high winds and inclement weather.

CURRENT SITUATION: No hangars exist at Cannon AFB that are capable of effectively housing a C-130 or large framed aircraft. Winds at Cannon AFB frequently exceed maintenance TO standards and would not allow many maintenance operations to be performed in the open on parking apron. This will affect mission capable rates, due to the lack of proper maintenance facilities, once AFSOC begins operations at the installation.

IMPACT IF NOT PROVIDED: No hangars will be available for C-130 maintenance, causing mission capable rates to fall as maintenance operations will be forced to schedule around inclement weather and creating backlog problems. Personnel will have to

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION CANNON AIR FORCE BASE, NEW MEXICO	4. PROJECT TITLE ADD/ALTER C-130 HANGAR	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	211-111	CZQZ073006	1,688

perform routine C-130 maintenance in less than optimal conditions.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project was done. It indicates there is only one option that will meet operational requirements. POC: Maj Joseph Cook, DSN 579-2776.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
CANNON AIR FORCE BASE, NEW MEXICO	ADD/ALTER C-130 HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	211-111	CZQZ073006	1,688

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 85

(4) Construction Contract Award 08 FEB

(5) Construction Start 08 APR

(6) Construction Completion 08 SEP

(7) Energy Study/Life-Cycle analysis was/will be performed NO

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPR(	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
HOIST	3400	9	10

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
MINOT AIR FORCE BASE, NORTH DAKOTA	AIR COMBAT COMMAND	1.11

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 06	608	4332	960	0	0	0	0	0	61	5,961
END FY 2011	603	4339	942	0	0	0	0	0	61	5,945

7. INVENTORY DATA ($000)

a. Total Acreage:	5,189	
b. Inventory Total as of : (30 Sep 06)		1,685,536
c. Authorization Not Yet in Inventory:		9,000
d. Authorization Requested in this Program:		18,200
e. Authorization Included in the Following Program: (FY 2009)		0
f. Planned in Next Four Years Program:		90,424
g. Remaining Deficiency:		85,400
h. Grand Total:		1,888,560

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
721-312	Dormitory (144 RM)	5,472	SM	18,200	May-05	Sep-07
		Total		18,200		

9a. Future Projects: Included in the Following Program: (FY2009)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000
	None		

9b. Future Projects: Typical Planned Next Four Years:

721-312	Dormitory (144 RM)	5,472	SM	17,500
610-243	Missile Operations Complex	4,493	SM	15,500
721-312	Dormitory (144 RM)	5,472	SM	18,400
730-835	Security Forces Complex	5,930	SM	18,900
211-173	Add/Alter Dock 3	1,395	SM	14,224
214-469	Proof Load Test Pit	1,598	SM	5,900
		Total		90,424

9c. Real Property Maintenance Backlog This Installation: 92

10. Mission or Major Functions: A host bomb wing with B-52H aircraft, and an AF Space Command space wing with Minuteman III missiles.

11. Outstanding Pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 9 Jul 02

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MINOT AIR FORCE BASE, NORTH DAKOTA	DORMITORY (144 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	721-312	QJVF062006	18,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
DORMITORY				12,657
DORMITORY (144 RM)	SM	5,472	2,289	(12,525)
ANTITERRORISM/FORCE PROTECTION	SM	5,472	24	(131)
SUPPORTING FACILITIES				3,763
UTILITIES	LS			(1,593)
PAVEMENTS	LS			(422)
SITE IMPROVEMENTS	LS			(725)
DEMOLITION/ASBESTOS ABATEMENT	SM	4,691	167	(783)
SPECIAL FOUNDATION	LS			(178)
COMMUNICATION SUPPORT	LS			(63)
SUBTOTAL				16,420
CONTINGENCY (5.0%)				821
TOTAL CONTRACT COST				17,241
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				983
TOTAL REQUEST				18,224
TOTAL REQUEST (ROUNDED)				18,200
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,120.0)

10. Description of Proposed Construction: Reinforced concrete foundations and floors, brick masonry exterior, standing seam metal roof, site preparation, utilities, fire detection/protection system, landscaping, parking and access roads, communication support, demolition of two facilities (4,691 SM), and asbestos abatement. This project will comply with DoD anti-terrorism/ force protection requirements per unified facilities criteria.

Air Conditioning: 120 Tons

11. Requirement: 1070 RM Adequate: 0 RM Substandard: 844 RM

PROJECT: Construct Dormitory (144 RM). (Current Mission)

REQUIREMENT: This project is required to implement the CSAF's goal to recapitalize all Tier 2 dorms by FY17. Tier 2 dorms are those that are degraded as recorded in the 2004 Dorm Master Plan. This project will provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation, and personal well-being. Properly designed and furnished quarters providing individual privacy are essential to successful accomplishment of the increasingly complicated and important jobs these Airmen must perform. Special foundation work includes excavation to a minimum of a 10-foot depth and replacing it with select compacted fill, drilled piers or piles and a foundation drainage system. These measures are required due to the soil types/conditions at Minot.

CURRENT SITUATION: The 2004 Air Force Dormitory Master Plan established the need for a replacement dormitory. Facility condition assessments determined Minot's dormitories are degraded and require replacement. The dormitories being replaced are plagued with inadequate heating, poor lighting, failing water and sewer lines, lack

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION MINOT AIR FORCE BASE, NORTH DAKOTA	4. PROJECT TITLE DORMITORY (144 RM)	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	721-312	QJVF062006	18,200

of water pressure, and obsolete mechanical systems. Ventilation in the bedrooms and bathrooms is poor or nonexistent resulting in mold and fungus growth. The facilities do not conform to current fire protection codes and are inadequately sized.

IMPACT IF NOT PROVIDED: Adequate living quarters at a level of privacy required for today's airman will not be available, resulting in degradation of morale, productivity, and career satisfaction for unaccompanied enlisted personnel.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements", and the Air Force Dormitory Design Guide. A preliminary analysis for accomplishing this project was conducted and it indicates there is only one option that will meet requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. Unaccompamied Housing RPM conducted: FY04: $364.5K (Act) ; FY05: $375.4k (Act) ; FY06: $220.3K ; FY07: $111.1K ; FY08: $469.0K (Est). Base Civil Engineer: Lt Col Darren Gibbs, (701) 723-2434; (Dormitory: 4,752 SM = 51,132 SF)

JOINT USE CERTIFICATION: This facility can be used by other components on an as available basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MINOT AIR FORCE BASE, NORTH DAKOTA	DORMITORY (144 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	721-312	QJVF062006	18,200

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	02-MAY-05
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	100%
* (d) Date 35% Designed	31-DEC-06
(e) Date Design Complete	15-SEP-07
(f) 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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	1,092
(b) All Other Design Costs	546
(c) Total	1,638
(d) Contract	1,456
(e) In-house	182
(4) Construction Contract Award	08 FEB
(5) Construction Start	08 MAR
(6) Construction Completion	10 MAR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS EQUIPMENT	3400	2007	400
FURNITURE	3400	2007	720

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST
ALTUS AIR FORCE BASE OKLAHOMA	AIR EDUCATION AND TRAINING COMMAND	COST INDEX 0.97

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	273	1284	1314	296	253	0	14	17	20	3,471
END FY 2011	273	1251	1184	290	235	0	15	17	20	3,285

7. INVENTORY DATA ($000)	
a. Total Acreage:	7,967
b. Inventory Total as of : (30 Sep 06)	1,174,366
c. Authorization Not Yet in Inventory:	8,500
d. Authorization Requested in this Program:	2,000
e. Authorization Included in the Following Program: (FY 2009)	0
f. Planned in Next Four Years Program:	8,900
g. Remaining Deficiency:	48,300
h. Grand Total:	1,242,066

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
211-152	C17 Sheet Metal/Composite Shop	474	SM	2,000	Mar 06	Sep 07
		Total		2,000		

9a. Future Projects: Included in the Following Program: (FY2009)

None

9b. Future Projects: Typical Planned Next Four Years:

134-375	Consolidated DASR/OSS Facility	2927	SM	8,900
			Total	8,900

9c. Real Property Maintenance Backlog This Installation ($M)	121

10. An air mobility wing with one C-5 squadron, one C-17squadron, and one KC-135 air refueling squadron -- responsible for training all C-5, C-17, and KC-135 aircrews in the Air Force.

11. Outstanding pollution and Safety (OSHA) Deficiencies:	
a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ALTUS AIR FORCE BASE, OKLAHOMA	C-17 SHEET METAL/COMPOSITE SHOP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41896	211-152	AGGN063002	2,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-17 SHEET METAL/COMPOSITE SHOP				1,270
C-17 SHEET METAL/COMPOSITE SHOP	SM	474	2,650	(1,256)
ANTI-TERRORISM/FORCE PROTECTION	SM	474	30	(14)
SUPPORTING FACILITIES				545
UTILITIES	LS			(250)
SITE IMPROVEMENTS	LS			(75)
PAVEMENTS	LS			(120)
COMMUNICATIONS	LS			(100)
SUBTOTAL				1,815
CONTINGENCY (5.0%)				91
TOTAL CONTRACT COST				1,906
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				109
TOTAL REQUEST				2,015
TOTAL REQUEST (ROUNDED)				2,000

10. Description of Proposed Construction: Construct a C-17 Sheet Metal/Composite Facility. Facility will have a concrete foundation, structural steel framing, masonry/concrete veneer, and a standing seam metal roof. Comply with anti-terrorism/force protection measures per unified facilities criteria.

Air Conditioning: 15 Tons

11. Requirement: 474 SM Adequate: 0 SM Substandard: 75 SM

PROJECT: C-17 Sheet Metal/Composite Shop (New Mission)

REQUIREMENT: Construct a sheet metal/composite fabrication shop facility to support the beddown of C-17 aircraft. This shop will house areas for composite and sheet metal repair of C-17 airframe parts. The new facility will include areas for lay-up, preparation, repair, curing and decontamination. Additionally, all environmental controls will be included. Aircraft maintenance is crucial in keeping our fleet of C-17s flying. This is especially true for the C-17, which incorporates more composite pieces than any previous heavy airframe. An increase in fleet size from 12 to 15 and increased flying hours results in increased maintenance workloads. The new sheet metal/composite shop will allow us to meet this demand.

CURRENT SITUATION: The current sheet metal/composite repair shop is located within a hangar maintenance area and is extremely undersized for the mission. The composite part lay-up, preparation and repair areas are inadequate; especially for oversized parts such as nose cones and flight controls. Existing environmental controls and ventilation systems are at the end of their useful life. There is no decontamination area for proper personal protective equipment disposal, worker clean-up and separation of hazardous byproducts. Temperature and humidity controls do not allow for adjustments which are major factors of a durable composite repair. After construction of a new shop, the existing area will be returned to the hangar maintenance function.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ALTUS AIR FORCE BASE, OKLAHOMA	C-17 SHEET METAL/COMPOSITE SHOP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41896	211-152	AGGN063002	2,000

IMPACT IF NOT PROVIDED: Workers will continue to perform maintenance with only the minimal environmental controls necessary to ensure worker safety. The quality of repairs will be negatively impacted. C-17 mission capability rates will diminish each time multiple flight system composite repairs are required which generates the potential of sending otherwise repairable assets into the supply system for repair.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction, leasing) was accomplished. It indicates there is only one option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. Sheet Metal/Composite Shop, B517: 474 SM = 5,100 SF.
Base Civil Engineer: Lt Col Karl L Freerks. COMM: (580) 481-6530.

JOINT USE CERTIFICATION: This facility can be used by other components on an as available basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ALTUS AIR FORCE BASE, OKLAHOMA	C-17 SHEET METAL/COMPOSITE SHOP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41896	211-152	AGGN063002	2,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	15-MAR-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	15-MAR-07
(e) Date Design Complete	17-SEP-07
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(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	150
(e) In-house	30

(4) Construction Contract Award	08 FEB
(5) Construction Start	08 APR
(6) Construction Completion	09 APR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST
TINKER AIR FORCE BASE	AIR FORCE MATERIEL	COST INDEX
OKLAHOMA	COMMAND:	0.91

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	1,472	7,165	15584							24,221
END FY 2011	1,472	7,165	15584							24,221

7. INVENTORY DATA ($000)		
Total Acreage:	5,033	
Inventory Total as of : (30 Sep 06)		2,202,737
Authorization Not Yet in Inventory:		59,100
Authorization Requested in this Program:		34,600
Authorization Included in the Following Program:	(FY 2009)	49,500
Planned in Next Four Years Program:		108,594
Remaining Deficiency:		138,000
Grand Total:		2,592,531

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
211-254	Consolidated Fuel Overhaul, Repair & Test Facility	12,987	SM	34,600	Design Build	
		Total		34,600		

9a. Future Projects: Included in the Following Program: (FY2009)

211-116	Aircraft Hangar	15,307	SM	49,500	Design Build	
		Total		49,500		

9b. Future Projects: Typical Planned Next Four Years:

211-157	Building 3001, Revitalization, Phase 3	3,595	SM	24,641		
610-249	Consolidated Wing Headquarters	5,663	SM	15,000		
740-674	Fitness Center	3,266	SM	10,800		
813-231	Electrical Substation #6	40	MVA	8,300		
113-321	AWACS Parking Apron	43,900	SM	12,300		
217-742	33rd Combat Comm Squadron Operations Fac	3,383	Sm	13,200		
730-832	Realign Air Depot at Tinker Gate	702	SM	5,400		
721-312	Dormitory (144RM)	3,950	SM	9,853		
149-962	Air Traffic Control Tower	1,006	SM	9,100		
		Total		108,594		

9c. Real Propery Maintenance Backlog This Installation ($M)	242.7

10. Mission or Major Functions: Tinker Air Force Base combined mission includes operations, supply, maintenance and management in support of the 76th Maintenance Wing, 552nd ACW, 327th Air Sustainment Wing, 448th Combat Sustainment Wing, 3rd Combat Comm, Air Force Reserves, Navy Stratcomm Wing One, 72nd Air Base Wing, Defense Logistics Agency and Defense Information Systems Agency.

11. Outstanding pollution and Safety (OSHA Deficiencies:	
a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION TINKER AIR FORCE BASE, OKLAHOMA	4. PROJECT TITLE CONSOLIDATED FUEL OVERHAUL, REPAIR & TEST FACILITY	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72896	211-254	WWYK043008	34,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				25,012
OVERHAUL SHOPS	SM	3,037	1,980	(6,013)
FUEL CONTROL CLEAN AREA	SM	1,121	2,250	(2,522)
TEST SUPPORT AREA	SM	836	2,200	(1,839)
FLAMMABLE FUELS TEST AREA	SM	4,833	2,050	(9,908)
ADMINISTRATIVE SUPPORT	SM	3,160	1,427	(4,509)
ANTITERRORISM FORCE PROTECTION	SM	12,987	17	(221)
SUPPORTING FACILITIES				6,131
UTILITIES	LS			(950)
PAVEMENT	LS			(750)
SITE IMPROVEMENTS	LS			(400)
ELECTRICAL SERVICE	LS			(1,250)
AIR CONDITIONING PLANT	LS			(850)
STORM DRAINAGE	LS			(215)
FUEL STORAGE TANKS	LS			(536)
DRILLED PIERS	LS			(644)
COMMUNUCATIONS	LS			(536)
SUBTOTAL				31,144
CONTINGENCY (5.0%)				1,557
TOTAL CONTRACT COST				32,701
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,864
TOTAL REQUEST				34,565
TOTAL REQUEST (ROUNDED)				34,600
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(9,000)

10. Description of Proposed Construction: Drilled piers with concrete slab, masonry walls, structural steel frame, exterior brick veneer finish and sloped metal roof. The facility will provide space for shops, controlled areas, and administrative support. Include pavements and site improvements, utilities, exterior lighting, and fire protection. This project will be located in a vacant site requireing extensive grading land scapeing as well running industrial utilities from across Douglas Boulevard. Comply with DoD Force Protection requirements as per unified facilities criteria.

11. Requirement: 62938 SM Adequate: 49951 SM Substandard: 12987 SM

PROJECT: Construct a consolidated fuel overhaul, repair and test facility. (Current Mission)

REQUIREMENT: A consolidated facility is required to provide a reliable and responsive organic source of repair for first line weapons systems to integrate, repair, overhaul and test aircraft fuel control accessories in support of the A-10,

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION TINKER AIR FORCE BASE, OKLAHOMA		4. PROJECT TITLE CONSOLIDATED FUEL OVERHAUL, REPAIR & TEST FACILITY	
5. PROGRAM ELEMENT 72896	6. CATEGORY CODE 211-254	7. PROJECT NUMBER WWYK043008	8. PROJECT COST ($000) 34,600

B-1B,B2-B,B-52H,C-130,C-135,C-141,CH-53,E-3,F-14,F-15,F-16 and T-37 aircraft. The facility requires conventional space as well as controlled areas including a Class 300,000 clean room and Class 1 Div 1 flammable fuels hazardous test areas with special electrical considerations. A facility with modern equipment and renovated space is essential to provide the proper controlled atmospheres for fuel control overhaul and repair. Comply with DoD force protection requirements per unified facilities criteria.

CURRENT SITUATION: The fuel controls repair, overhaul, and testing are conducted in two separate facilities constructed in 1943. These facilities are the only source of repair and test for many DoD aircraft fuel controls. Items are repaired and overhauled in a class 300,000 clean room environmental controlled area in building 3001. This controlled area is in need of a $1.5M major renovation to bring it up to current standards. After the components are repaired and overhauled, they are transported approximately one quarter of a mile to building 3108 for final testing and acceptance. Building 3108 is constructed with asbestos siding, contains electrical systems that are outdated and need modernization, and lacks hazardous material spill containment as required by the Uniform Building Code and the National Fire Code. Significant time loss occurs throughout the process as a result of parts being transported back and forth between buildings. This time loss causes delays in meeting necessary production schedules and keeps aircraft out of service for a longer period of time. The consolidation and construction of a new facility will increase the efficiency of the process by 20%.

IMPACT IF NOT PROVIDED: Fuels personnel will be continue to be housed in substandard, outdated and inefficient facilities. Existing work areas are inadequate to accommodate the modern equipment required to efficiently process the fuels controls. In addition, geographically separated facilities will continue to impact process timelines and delay the return of aircraft to operational status. Cost savings due to the improved efficiencies of the consolidated facility will not be realized.

ADDITIONAL: This project meets the criteria/scope specified in the Air Force Handbook 32-1084, "Facility Requirements." An economic analysis has been prepared comparing the alternatives of new construction, renovation, out-contracting and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project. The requirements for this project was validated by the Joint-Service Depot Maintenance Military Construction Review Panel on 16 November 2005. Base Civil Engineer: Mr. Gene Gallogly (405) 734-3451. Overhaul Shops 3,037 SM = 32,678 SF; Fuel Control Clean Area: 1,121 SM = 12,062 SF; Test Support Area: 836 SM = 8,996 SF; Flammable Fuels Test Area: 4,833 SM = 52,003 SF; Administrative Support: 3,160 SM = 34,002 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TINKER AIR FORCE BASE, OKLAHOMA	CONSOLIDATED FUEL OVERHAUL, REPAIR & TEST FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72896	211-254	WWYK043008	34,600

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 1,725

(4) Construction Contract Award 08 JAN

(5) Construction Start 08 FEB

(6) Construction Completion 10 FEB

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
INITIAL OUTFITTING EQUIPMENT	3010	2008	7,536
COMMUNICATIONS FROM STEM-B	3010	2008	1,464

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST
LACKLAND AIR FORCE BASE, TEXAS	AIR EDUCATION AND TRAINING COMMAND	COST INDEX 0.91

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	299	5123	2785	57	14748	0	2365	9866	2,649	37,892
END FY 2011	221	4950	3037	120	14800	0	2200	10000	3000	38,328

7. INVENTORY DATA ($000)		
a. Total Acreage:		9,572
b. Inventory Total as of : (30 Sep 06)		3,066,461
c. Authorization Not Yet in Inventory:		82,956
d. Authorization Requested in this Program:		14,000
e. Authorization Included in the Following Program:	(FY 2009)	128,620
f. Planned in Next Four Years Program:		621,631
g. Remaining Deficiency:		136,800
h. Grand Total:		4,050,468

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
171-618	Basic Expeditionary Airmen Skills Trng Phase 2	9,870 SM	14,000	May 06	Sep 07
		Total	14,000		
9a. Future Projects:	Included in the Following Program:	(FY2009)			
721-311	Recruit Dormitory	20,109 SM	73,620	Oct 06	Sep 08
723-385	Central Preparation Kitchen	6,210 SM	30,000	Oct 06	Sep 08
171-621	BMT Satellite Dining/Classroom Fac	8,078 SM	25,000	Oct 06	Sep 08
		Total	128,620		
9b. Future Projects:	Typical Planned Next Four Years:				
730-835	Security Forces Operations Center	3,948 SM	14,000		
721-311	Replace BMT Facilities	35,000 SM	96,150		
721-311	Replace BMT Facilities	52,000 SM	178,053		
721-311	Replace BMT Facilities	52,000 SM	181,732		
721-311	Replace BMT Facilities	35,000 SM	107,882		
721-312	Student Dorm	300 RM	32,814		
141-456	33rd Intelligence Ops Squadron Facility	2,137 SM	11,000		
		Total	621,631		

9c. Real Property Maintenance Backlog This Installation ($M)	159

10. Mission or Major Functions: A training wing which includes Basic Military Training School, Air Force Security Forces Center, and security forces, cryptographic maintenance, recruiting, and Air Force and Navy food service courses; Defense Language Institute English Language Center; Department of Defense Military Working Dog Training Agency; Inter-American Air Forces Academy; an Air Force Reserve contingency hospital and training squadron, and a major Air Force medical center.

11. Outstanding pollution and Safety (OSHA) Deficiencies:	
a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
LACKLAND AIR FORCE BASE, TEXAS	BASIC EXPEDITIONARY AIRMAN SKILLS TRAINING, PHASE 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
84711	171-618	MPYJ053001P2	14,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BASIC EXPEDITIONARY AIRMAN SKILLS TRAINING				10,675
ADMINISTRATIVE BUILDING	SM	1,210	1,976	(2,391)
TRAINING BUILDING	SM	5,800	724	(4,199)
WAREHOUSE	SM	1,300	1,630	(2,119)
EQUIPMENT STORAGE BUILDING	SM	310	1,599	(496)
DINING FACILITY	SM	1,250	1,130	(1,413)
ANTITERROISM / FORCE PROTECTION	SM	8,260	7	(58)
SUPPORTING FACILITIES				1,927
UTILITIES	LS			(700)
SITE IMPROVEMENTS	LS			(1,074)
COMMUNICATIONS	LS			(153)
SUBTOTAL				12,602
CONTINGENCY (5.0%)				630
TOTAL CONTRACT COST				13,232
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				754
TOTAL REQUEST				13,987
TOTAL REQUEST (ROUNDED)				14,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,200.0)

10. Description of Proposed Construction: Construct facilities and improve site for Basic Expeditionary Airman Skills Training (BEAST) at Lackland AFB Training Annex. This project constructs Phase 2 and includes the headquarters building, a training building, a dining facility, a warehouse, and an equipment storage building. All facilities will have concrete foundations, floor slabs, and K-span type curved standing seam metal roof structures. The Training Building will be open-air with fabric sides that can be easily opened or closed. Comply with DoD Anti-terrorism/Force Protection measures per unified facilities criteria.

11. Requirement: 9870 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: Basic Expeditionary Airman Skills Training. (New Mission)

REQUIREMENT: A training site to conduct Basic Expeditionary Airman Skills Training to Basic Military Training (BMT) recruits prior to entering the Air Force Technical Training pipeline. The mission of BMT is to develop airmen who are focused on war fighting, have an expeditionary mindset, and are familiar with the core expeditionary tasks required for survival and success in deployed locations. Ongoing overseas contingency operations have revealed significant deficiencies in current training operations. This has led to development and approval of major changes to the current 6.4 week BMT curriculum to include re-sequencing academic and combat-skills building blocks and redesigning the field training experience to increase intensity and repetition. The increased emphasis on teaching basic expeditionary skills (self-aid/buddy care, nuclear/biological/chemical, anti-terrorism, and basic security) via

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION LACKLAND AIR FORCE BASE, TEXAS		4. PROJECT TITLE BASIC EXPEDITIONARY AIRMAN SKILLS TRAINING, PHASE 2	
5. PROGRAM ELEMENT 84711	6. CATEGORY CODE 171-618	7. PROJECT NUMBER MPYJ053001P2	8. PROJECT COST ($000) 14,000

expanded and realistic field exercises requires five additional days and construction of a BEAST training site to meet education and training objectives required for survival and success in deployed locations. BMT recruits will learn and practice basic combat skills and then deploy to the BEAST training site where they will undergo a 4-day intense series of exercises to apply and reinforce BMT training.

CURRENT SITUATION: Existing facilities would only satisfy 76% of course facility requirements, would not adequately support expeditionary training, and could not provide simulated battle conditions due to land constraints. The current BMT field skills training site is located on an Installation Restoration Program abandoned dump site and does not allow for disturbing the soils, preventing many aspects of realistic expeditionary force training from being accomplished. Additionally, due to noise constraints, the current site is not conducive to night-time exercises. Therefore, a new BEAST training site is required.

IMPACT IF NOT PROVIDED: Prior to entering the Air Force technical training pipeline, our Airmen must have training that focuses on warfighting, develops an expeditionary mindset, and ensures familiarity with the core expeditionary tasks required for survival and success in deployed locations. This increased emphasis on teaching basic expeditionary skills through expanded and realistic field exercises requires the construction of the BEAST training site. Without it, our Airmen will continue to deploy to high-risk environments with insufficient training needed to survive and operate effectively.

ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, Facility Planning and Design Guide. or in AFH 32-1084, Standard Facility Requirements Handbook. All known alternative options including conversion, leasing and status quo were considered during the development of this project. No other option other than new construction could meet mission requirements; therefore, a Certificate of Exception has been prepared. BASE CIVIL ENGINEER: Lt Col Jeffry D. Knippel, Commercial 210-671-2977, FAX 210-671-4074, e-mail to: Jeffry.Knippel@lackland.af.mil (Basic Expeditionary Airman Skill Training: 9,870 SM = 1,183,000 SF)

JOINT USE CERTIFICATION: This facility can be used by other components on an as available basis, however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
LACKLAND AIR FORCE BASE, TEXAS	BASIC EXPEDITIONARY AIRMAN SKILLS TRAINING, PHASE 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
84711	171-618	MPYJ053001P2	14,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	05-MAY-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	15-MAR-07
(e) Date Design Complete	17-SEP-07
(f) 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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	840
(b) All Other Design Costs	420
(c) Total	1,260
(d) Contract	1,050
(e) In-house	210
(4) Construction Contract Award	08 FEB
(5) Construction Start	08 APR
(6) Construction Completion	09 APR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
TENT CITY EQUIPMENT	3400	2006	1,200

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST
HILL AIR FORCE BASE	AIR FORCE MATERIEL	COST INDEX
UTAH	COMMAND:	1.03

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	1026	6,428	15,200				1	0	68	22,723
END FY 2011	992	6428	14536				1	0	68	22,025

7. INVENTORY DATA ($000)

Total Acreage:	6,973	
Inventory Total as of : (30 Sep 06)		2,730,070
Authorization Not Yet in Inventory:		128,400
Authorization Requested in this Program:		16,799
Authorization Included in the Following Program:	(FY 2009)	59,000
Planned in Next Four Years Program:		73,900
Remaining Deficiency:		252,000
Grand Total:		3,260,169

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
211-251	Aircraft Power Systems Repair	3,119	SM	8,399	Design Build	
211-252	Hydraulic Flight Control Facility	1,858	SM	8,400	Design Build	
		Total		16,799		

9a. Future Projects: Included in the Following Program:		(FY2009)				
211-152	F-22 Heavy Maintenance Facility	9,780	SM	36,000	Design Build	
116-665	F-22 T-10 Engine Test Cell	4,000	SM	2,400	Design Build	
211-154	F-22 Radar Cross Section Testing	4,629	SM	20,600	Design Build	
		Total		59,000		

9b. Future Projects: Typical Planned Next Four Years:						
215-552	Munitions Maintenance Facility	2,389	SM	6,000		
730-142	Fire Crash Rescue Center	3,900	SM	16,400		
214-425	Consolidated Transportation	5,648	SM	16,500		
422-259	Consolidate Missile Storage	2,356	SM	10,000		
442-758	Consolidated OO-ALC Warehouse	18,600	SM	25,000		
		Total		73,900		

9c. Real Propery Maintenance Backlog This Installation ($M) 140.8

10. Mission or Major Functions: Hill Air Force Base is home to many operational and support missions with Ogden Air Logisitics Center (OO-ALC) serving as host organization. The center provides world wide engineering and logistics management for the F-16 Fighting Falcon, A-10 Thunderbolt II, Minuteman III intercontinental ballistic missile. The base performs depot maintenance for F-16, C-130, and F-22 aircraft.

11. Outstanding pollution and Safety (OSHA Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH	4. PROJECT TITLE AIRCRAFT POWER SYSTEMS REPAIR FACILITY	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72976	211-251	KRSM073004	8,399

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				6,631
AIRCRAFT POWER SYSTEMS REPAIR SHOP	SM	2,926	2,220	(6,496)
COVERED LOADING DOCK	SM	193	389	(75)
ANTITERRORISM/FORCE PROTECTION	LS			(60)
SUPPORTING FACILITIES				943
UTILITIES	LS			(350)
PAVEMENTS	LS			(300)
SITE IMPROVEMENTS	LS			(93)
COMMUNICATION SUPPORT	LS			(200)
SUBTOTAL				7,574
CONTINGENCY (5.0%)				379
TOTAL CONTRACT COST				7,952
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				453
TOTAL REQUEST				8,406
TOTAL REQUEST (ROUNDED)				8,399
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(4,500)

10. Description of Proposed Construction: Construct a medium bay (24' high) facility with reinforced concrete footings, foundation and floor slab, engineered steel structure and insulated steel wall panels with partial masonry veneer, standing seam metal roof, fire detection/protection, heating, ventilation and air conditioning (HVAC) system, and all other necessary supporting facilities including utilities, site improvements, pavements, and communication support. Comply with DoD Force Protection requirements as per unified facilities criteria.

Air Conditioning: 80 Tons

11. Requirement: 5076 SM Adequate: 2150 SM Substandard: 0 SM

PROJECT: Construct an aircraft power systems repair facility. (Current Mission)

REQUIREMENT: A new facility is required to provide for the repair of a greater number and variety of aircraft auxilary drive engine and gearbox components than current resources will permit. With new technology and equipment provided by the proposed new facility, an estimated 40% reduction in repair costs could be realized as well as a 50% reduction in flow days for a typical auxilary drive engine overhaul. This will enable F-16, F-15, A-10, C-130, T-38, C-17 and C-5 aircraft to return to their home units, much sooner than normal, in support of real world combat operations.

CURRENT SITUATION: Currently, during regularly scheduled maintenance of aircraft auxilary drive engines and gearboxes, numerous components of the various assemblies don't pass inspection and must be replaced with new components. Experts from several outside agencies estimate that 50% to 60% of these discarded components could be repaired, using new equipment and technology that the Air Force does not currently

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH	4. PROJECT TITLE AIRCRAFT POWER SYSTEMS REPAIR FACILITY	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72976	211-251	KRSM073004	8,399

have, but which will be provided by the proposed new facility. The Air Force spends an average of $8.0M per year purchasing new replacement components. Approximately 60% of that expenditure, or $4.8M could be saved each year by repairing salvageable components rather than discarding them. Also purchasing new components essentially doubles the duration of a typical auxilary drive engine overhaul from 75 flow days to 150 flow days. This is often due to unforseen delivery delays associated with various parts suppliers. There is currently no extra room in existing facilities to stockpile replacement components.

IMPACT IF NOT PROVIDED: Without this facility, the Air Force will continue to forfeit an annual estimated savings of $4.8M by discarding salvageable auxilary drive engine components and by replacing each and everyone one with a new purchase. Overhaul completion dates will continue to slip due to new component delivery delays which can last as long as eight weeks. This, in turn, could adversely affect the operational readiness of flying organizations that depend on overhauled aircraft being returned to them in a timely manner.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." However, specific production space requirements were determined as result of contracted studies that were done. An economic analysis for this project was prepared comparing the two alternatives of status quo and new construction. It was determined that building a new component parts repair facility is most advantageous alternative to the Air Force. The requirements for this project was validated by the Joint-Service Depot Maintenance Military Construction Review Panel on 16 November 2005. Base Civil Engineer: Col. Harry Briesmaster III, (801) 777-7505. Aircraft Power Systems Repair Shop: 2,926 SM = 20,724 SF; Covered Loading Dock: 193 SM = 2,077 SF.

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by any other components.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH	4. PROJECT TITLE AIRCRAFT POWER SYSTEMS REPAIR FACILITY	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72976	211-251	KRSM073004	8,399

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - **NO**

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs **420**

(4) Construction Contract Award **08 JAN**

(5) Construction Start **08 FEB**

(6) Construction Completion **09 APR**

(7) Energy Study/Life-Cycle analysis was/will be performed **YES**

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
PROCESS EQUIPMENT	3080	2008	4,500

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HILL AIR FORCE BASE, UTAH	HYDRAULIC FLIGHT CONTROL FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72976	211-252	KRSM073011	8,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				5,812
HYDRAULIC COMPONENT TEST/REPAIR FACILITY	SM	1,858	3,100	(5,760)
ANTITERRORISM/FORCE PROTECTION	SM	1,858	28	(52)
SUPPORTING FACILITIES				1,759
UTILITIES	LS			(550)
PAVEMENTS	LS			(450)
SITE IMPROVEMENTS	LS			(150)
COMMUNICATION SUPPORT	LS			(220)
DEMOLITION	SM	2,778	140	(389)
SUBTOTAL				7,571
CONTINGENCY (5.0%)				379
TOTAL CONTRACT COST				7,949
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				453
TOTAL REQUEST				8,402
TOTAL REQUEST (ROUNDED)				8,400
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(5,000)

10. Description of Proposed Construction: Construct a two story addition with concrete foundation, floor slab, masonry walls, standing seam metal roof, fire detection/protection, and special heating, ventilation, and air conditioning (HVAC) system for controlled environment. Provide supporting facilities including utilities, site improvements, pavements, communication support, and other necessary support. Project scope includes repair shops, test areas, lean cells, administrative areas, and training areas. Demolish 2,778 SM. Comply with DoD Force Protection requirements as per unified facilities criteria.

Air Conditioning: 50 Tons

11. Requirement: 13205 SM Adequate: 11347 SM Substandard: 0 SM

PROJECT: Construct a hydraulic flight control facility. (Current Mission)

REQUIREMENT: This facility is needed to correct a space deficiency and reduce aircraft hydraulic component repair costs and repair times using LEAN cell technology. This project will also permit contracted core workload to be accomplished by on-base personnel at significant cost savings. This project will provide 13 LEAN cells organized into 35,000 total square feet, with 20,000 square feet of that to be in the new building addition. The remaining 15,000 square feet will be gained through re-organization of process flow in the existing facility, building 503. This number was determined by extrapolating data from a recently developed C-130 flight control LEAN cell. It is calculated that this project will allow hydraulic flight control components to be repaired and returned to field units in less than half the current time, and that parts and work-in-process inventories will be cut to less than half of existing levels. Total annual savings to the Air

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH		4. PROJECT TITLE HYDRAULIC FLIGHT CONTROL FACILITY	
5. PROGRAM ELEMENT 72976	6. CATEGORY CODE 211-252	7. PROJECT NUMBER KRSM073011	8. PROJECT COST ($000) 8,400

Force are estimated to be approximately $5.5M. Comply with DoD Force Protection requirements as per Unified Facilities Criteria.

CURRENT SITUATION: Currently 50 percent of the authorized aircraft hydraulic component repair workload has been outsourced due to a deficit in facility space. In addition, the existing process space is inefficient due to isolation and lack of visibility, control and communication resulting in increased cost and turn time. Work-in-process storage requirements are not adequate for current workloads, increasing process time due to frequent part delays. In order to meet required delivery dates in support of real world combat operations, the hydraulic shop must reorganize quickly into LEAN cells for all of its workload.

IMPACT IF NOT PROVIDED: Without this facility the Process Control and Improvement Branch will continue to work in cramped and inefficiently laid out shop areas and fail to achieve the required 50% reduction in time for hydraulic flight control components repair, and will fail to achieve an estimated 50% reduction in parts and work-in-process inventories. Time and money will continue to be lost with costly bridge contracts to suppliment the hydraulic component repair and testing requirements. The warfighter will continue to suffer by waiting for badly needed aircraft in support of real world combat operations.

ADDITIONAL: This project meets the criterial/scope specified in Air Force Handbook 32-1084, Facility Requirements." An economic analysis has been prepared for this project and recommends new construction over status quo as the best alternative in providing the capability to perform the increased workloads. The requirements for this project was validated by the Joint-Service Depot Maintenance Military Construction Review Panel on 16 November 2005. Base Civil Engineer: Col. Harry Briesmaster III, (801) 777-7505. Hydraulic Component Test/Repair Facility: 1,858 SM = 19,992 SF.

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by any other components.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HILL AIR FORCE BASE, UTAH	HYDRAULIC FLIGHT CONTROL FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72976	211-252	KRSM073011	8,400

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - **NO**

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs **420**

(4) Construction Contract Award **08 JAN**

(5) Construction Start **08 FEB**

(6) Construction Completion **09 APR**

(7) Energy Study/Life-Cycle analysis was/will be performed **YES**

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
HYDRAULIC SUPPLY SYSTEM	3080	8	2,500
COMMON HYDRAULIC TEST STAND	3080	8	2,000
LEAN CELL EQUIPMENT	3080	8	500

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST
FE WARREN AIR BASE	AIR FORCE SPACE	COST INDEX
WYOMING	COMMAND	1.01

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 Sep 06	521	2711	533	0	0	0	158	884	201	5,008
END FY 2011	521	2711	533	0	0	0	158	884	201	5,008

7. INVENTORY DATA ($000)			
Total Acreage:	6,070		
Inventory Total as of : (30 Sep 06)			336,749
Authorization Not Yet in Inventory:			11,000
Authorization Requested in this Program:			14,600
Authorization Included in the Following Program:		(FY 2009)	8,500
Planned in Next Four Years Program:			24,700
Remaining Deficiency:			105,469
Grand Total:			501,018

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
721-312	Renovate Historic Dormitories	6,044	SM	14,600	Apr-06	Sep-07
		Total		14,600		

9a. Future Projects: Included in the Following Program: (FY2009)

721-312	Renovate Historic Dormitory	3,022	SM	8,500	Apr-07	Sep-08
		Total		8,500		

9b. Future Projects: Typical Planned Next Four Years:

212-216	ADAL Missle Services Complex	1,438	SM	8,100		
871-183	Upgrade Storm Drainage Ph 2		LS	10,000		
731-142	Consolidated Fire Station	2,504	SM	6,600		
		Total		24,700		

9c. Real Propery Maintenance Backlog This Installation ($M)	41

10. Mission or Major Functions: F. E. Warren Air Force Base is the oldest continuously active military installation within the Air Force. It's home to the 90th Space Wing and Headquarters, 20th Air Force, of Air Force Space Command. Since 1986, Warren missile fields have maintained 150 Minuteman III missiles and the Air Force's only 50 Peacekeeper missiles defending America with the world's most powerful combat ready ICBM force.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION FRANCIS E WARREN AIR FORCE BASE, WYOMING	4. PROJECT TITLE RENOVATE HISTORIC DORMITORIES	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35996	721-312	GHLN053039	14,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				12,523
INTERIOR DORMITORY RENOVATION/RECONFIGURATION	SM	6,044	1,485	(8,975)
ANTITERRORISM/FORCE PROTECTION	SM	6,044	20	(121)
EXTERIOR DORMITORY REPAIR/MAINTENANCE	SM	6,044	567	(3,427)
SUPPORTING FACILITIES				627
UTILITIES	LS			(84)
PAVEMENTS	LS			(35)
SITE IMPROVEMENTS	LS			(31)
ANTITERRORISM/FORCE PROTECTION MEASURES	LS			(317)
COMMUNICATIONS	LS			(160)
SUBTOTAL				13,150
CONTINGENCY (5.0%)				657
TOTAL CONTRACT COST				13,807
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				787
TOTAL REQUEST				14,594
TOTAL REQUEST (ROUNDED)				14,600

10. Description of Proposed Construction: Project includes all structural, mechanical, electrical and architectural work for the interior upgrade and exterior upkeep of two historic brick dormitories. Included are new finishes and fixtures, upgraded communications systems, asbestos and lead-based paint removal. The room configuration will change from the current "2 + 2" rooms to the new standard 4-person module. Exterior work will include roof replacement, courtyard/exterior enhancement, brick tuckpointing, painting, window and historic porch repair. Comply with DoD force protection requirements as per unified facilities criteria and State Historic Preservation Office.

Air Conditioning: 110 Tons

11. Requirement: 609 RM Adequate: 78 RM Substandard: 696 RM

PROJECT: Renovate Historic Dormitories 220 and 228. (Current Mission)

REQUIREMENT: This project is required to implement the CSAF goal to recapitalized by FY08 all Tier 1 dormitories - those in the worst condition as recorded in the Air Force Dormitory Master Plan. Provide Air Force personnel with quarters that meet Air Force standards. Standards of adequacy include carpeting, good lighting and decor, telephone and CATV hookups in sleeping rooms and lounge areas, bathrooms shared by not more than two airmen, adequate lounges, laundry facilities and storage rooms. A facility exterior that is sound, well kept, and that instills a sense of pride in one's living quarters.

CURRENT SITUATION: Dormitories 220 and 228 are buildings listed on the National Register of Historic Places. They are two-story, structurally sound, red brick facilities constructed in 1905 and 1906, repectively, originally used as open-bay US Army Cavalry barracks. In the mid-1980s these barracks were converted from the open

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION FRANCIS E WARREN AIR FORCE BASE, WYOMING	4. PROJECT TITLE RENOVATE HISTORIC DORMITORIES	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35996	721-312	GHLN053039	14,600

bay to the room-bath-room dormitory configuration housing two airmen per room. These facilities are no longer in compliance with Air Force dormitory configuration guidelines, which require that dormitories be in the "Dorms-for-Airmen (4-person module)" configuration; nor do they conform to current quality of life standards. There also exists a relatively large operations and maintenance (O&M) burden for each due to aged heating, plumbing and electrical systems. In-house as well as contracted personnel are called upon to repair leaking potable water piping, heat system elements, and exterior structural building components including brick tuckpointing and roofing. These dormitories have existing fire protection systems, but they are no longer in compliance with current fire codes and must be replaced.

IMPACT IF NOT PROVIDED: Adequate living quarters, which provide a level of privacy required for today's airmen, will not be available, resulting in degradation of morale, productivity, and career satisfaction of the enlisted force.

ADDITIONAL: A preliminary analysis of reasonable options for accomplishing this project was done. Due to historic preservation restrictions, renovation is the only option that will meet operational requirements. A Waiver to an Economic Analysis has been prepared. This project meets the criteria/scope specified within AFH 32-1084 "Facility Requirements." Fire protection system modifications within this project will be in accordance with standards established in Military Handbook 1008B, "Fire Protection for Facilities." Base Civil Engineer: Lt Col Jonathan D. Webb, Commercial (307) 773-3600. Renovate dormitory: 6,044 SM = 65,052 SF. FY2005 Unaccompanied Housing RPM Conducted: $31.6K; FY2006 Unaccompanied Housing RPM Conducted: $33.6K. Future unaccompanied Housing RPM Required (estimated): FY2007: $36K; FY2008: $42K; FY2009: $50K.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FRANCIS E WARREN AIR FORCE BASE, WYOMING	RENOVATE HISTORIC DORMITORIES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35996	721-312	GHLN053039	14,600

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	20-APR-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	30-SEP-06
(e) Date Design Complete	20-SEP-07
(f) 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 -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	876
(b) All Other Design Costs	438
(c) Total	1,314
(d) Contract	1,104
(e) In-house	210

(4) Construction Contract Award	08 JAN
(5) Construction Start	08 FEB
(6) Construction Completion	09 JUN

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
UNSPECIFIED	SPECIAL EVALUATION PROGRAM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27248	111-111	PAYZ080001A	4,051

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				4,051
SPECIAL EVALUATION PROGRAM	LS			(4,051)
SUPPORTING FACILITIES				0
SUBTOTAL				4,051
TOTAL CONTRACT COST				4,051
TOTAL REQUEST				4,051
TOTAL REQUEST (ROUNDED)				4,051

10. Description of Proposed Construction:

11. Requirement: Adequate: Substandard:

PROJECT: Classified.

REQUIREMENT: Special Access Required.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
UNSPECIFIED	SPECIAL EVALUATION PROGRAM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27248	111-111	PAYZ080004	9,889

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				9,889
SPECIAL EVALUATION PROGRAM	LS			(9,889)
SUPPORTING FACILITIES				0
SUBTOTAL				9,889
TOTAL CONTRACT COST				9,889
TOTAL REQUEST				9,889
TOTAL REQUEST (ROUNDED)				9,889

10. Description of Proposed Construction:

11. Requirement: Adequate: Substandard:

PROJECT: As required.

REQUIREMENT: Special access required.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
UNSPECIFIED	CLASSIFIED MILCON PROJECT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27248	111-111	PAYZ080001	1,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
CLASSIFIED MILCON PROJECT				1,500
CLASSIFIED MILCON PROJECT	LS			(1,500)
SUPPORTING FACILITIES				0
SUBTOTAL				1,500
TOTAL CONTRACT COST				1,500
TOTAL REQUEST				1,500
TOTAL REQUEST (ROUNDED)				1,500

10. Description of Proposed Construction:

11. Requirement: Adequate: Substandard:

PROJECT: As required.

REQUIREMENT: Special access required.

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
RAMSTEIN AIR BASE, GERMANY	US AIR FORCES EUROPE	1.20

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	1286	5624	2254	0	0	0	0	0	11,000	20,164
END FY 2011	1073	5519	2297	0	0	0			11,000	19,889

7. INVENTORY DATA ($000)		
a. Total Acreage:	5,028	
b. Inventory Total as of : (30 SEP 06)		3,659,323
c. Authorization Not Yet in Inventory:		558,550
d. Authorization Requested in this Program:		48,209
e. Authorization Included in the Following Program:	(FY 2009)	0
f. Planned in Next Four Years Program:		42,633
g. Remaining Deficiency:		396,680
h. Grand Total:		4,705,395

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
721-312	Dormitory - 128 RM	4,480 SM	14,949	Sep-04	Sep-07
179-511	Fire Training Facility	1 EA	3,000	Mar-06	Sep-07
141-786	Joint Mobility Processing Center	5,869 SM	24,000	May-05	Sep-07
442-264	Small Diameter Bomb Facilities, Ph 2	965 SM	6,260	May-06	Sep-07
		Total	48,209		

9a. Future Projects: Included in the Following Program: (FY2009)

None

9b. Future Projects: Typical Planned Next Four Years:

218-712	AGE Maintenance Complex	3,760 SM	10,100
141-753	37 AS Squadron OPS/AMU	3,561 SM	11,933
141-454	Contingency Response Group, PH. II	7,700 SM	20,600
		Total	42,633

9c. Real Propery Maintenance Backlog This Installation ($M)	175

10. Mission or Major Functions: A host airlift wing supporting a C-130E squadron and a squadron composed of C-20A, and C-21A aircraft; Headquarters, United States Air Forces in Europe; and NATO Command Component Air HQ Ramstein, GE.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution:	0
b. Water Pollution:	0
c. Occupational Safety and Health	0
d. Other Environmental:	0

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1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAMSTEIN AIR BASE, GERMANY	DORMITORY - 128 RM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	721-312	TYFR043059	14,949

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
CONSTRUCT UNACCOMPANIED DORMITORY - 128 PN				10,694
DORMITORIES	SM	4,480	2,270	(10,170)
ANTITERRORISM/ FORCE PROTECTION	SM	4,480	77	(343)
INTERIOR COMMUNICATION SUPPORT	LS			(181)
SUPPORTING FACILITIES				2,674
UTILITIES & STORMWATER DRAINAGE	LS			(310)
SITE DEVELOPMENT & IMPROVEMENTS	LS			(290)
ELEVATORS	EA	2	43,000	(86)
EXTERIOR COMMUNICATION SUPPORT	LS			(425)
ENVIRONMENTAL SUPPORT	LS			(15)
PASSIVE FORCE PROTECTION MEASURES	LS			(83)
PAVEMENTS / PARKING	LS			(800)
DEMOLITION OF DORM (108 RM)	SM	5,639	118	(665)
SUBTOTAL				13,368
CONTINGENCY (5.0%)				668
TOTAL CONTRACT COST				14,036
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				912
TOTAL REQUEST				14,949
TOTAL REQUEST (ROUNDED)				14,949
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(146.0)

10. Description of Proposed Construction: Two four-story structures with reinforced concrete foundations and floor slabs, masonry walls, fire suppression and sloped roof systems. Construction will be in accordance with the current Air Force Enlisted Dormitory Design Guide and consist of four-bedroom modules. Scope includes upgrade of the electrical substation, and all other utilities, elevators, laundries, storage and lounge areas, roads, parking, site development, and landscaping. The work also includes the demolition of one building and shall include all other necessary support and must be in compliance with current US Air Force and German regulations. This project will comply with DoD and EUCOM antiterrorism/force protection requirements per unified facilities criteria.

Grade Mix: E1-E4 128

11. Requirement: 1458 RM Adequate: 336 RM Substandard: 1459 RM

PROJECT: Dormitory - 128 RM (Current Mission)

REQUIREMENT: This project is required to implement the CSAF goal to recapitalize all Tier 1 dormitories by FY08. Tier 1 dormitories are those in the worst conditions as recorded in the 2004 AF Dormitory Master Plan. This CSAF objective provides unaccompanied enlisted personnel with housing conducive to their rest, relaxation, and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY	4. PROJECT TITLE DORMITORY - 128 RM	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	721-312	TYFR043059	14,949

increasingly complicated jobs these people must perform. The retention of these highly trained airmen is essential to our readiness posture and continuing world-wide presence.

CURRENT SITUATION: The base has insufficient on-base housing to adequately accommodate unaccompanied enlisted personnel in close proximity to their work center. The existing dormitories are scattered throughout the Kaiserslautern Military Community (KMC) area, with Sembach Air Station being approximately 18 kilometers away, and most are configured to the former 2 + 2 standard.

IMPACT IF NOT PROVIDED: Adequate living quarters which provide a level of privacy required for today's airmen will not be available, resulting in degradation of morale, productivity, and career satisfaction for unaccompanied enlisted personnel. In addition all personnel residing either out at Sembach, Vogelweh or Kapaun Annex and working on Ramstein AB will continued to commute, in private vehicles at their own expense if on shift duty, since the bus shuttle system only operates during normal operating hours. A major Air Force objective to provide unaccompanied enlisted personnel with "Dorms-4-Airmen" in accordance with the governing Air Force Enlisted Dormitory Design Guide will not be satisfied.

ADDITIONAL: This project is not currently eligible for NATO funding, and we do not anticipate it becoming eligible in the future. This project meets the criteria scope specified in the new Air Force Enlisted Dormitory Design Guide, known as the "Dorms-4-Airmen", established by OSD. All known alternatives were considered during the development of this project. No other option could meet mission requirements. Therefore an economic analysis was not performed. A certificate of exception has been prepared. Unaccompanied Housing R&M conducted: $330K in FY06. Future Unaccompanied Housing R&M requirements (estimated): FY07 $340K, FY08 $340K, FY09 $350K in order to keep the dormitory in usable condition. Furthermore the DMP study revealed that a necessary renovation of 2412 to current standards would cost $12.0M, exceeding the 70% total facility replacement cost of $14.9M, as specified in AFI 32-1032.

BASE CIVIL ENGINEER: Col. Carlos R. Cruz-Gonzalez, 011-49-6371-6228. (Dormitory, 128 RM: 4,480 SM = 48,205 SF)

FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .8785

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAMSTEIN AIR BASE, GERMANY	DORMITORY - 128 RM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	721-312	TYFR043059	14,949

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	01-SEP-04
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	16-MAY-07
(e) Date Design Complete	04-SEP-07
(f) 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 -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	840
(b) All Other Design Costs	420
(c) Total	1,260
(d) Contract	1,120
(e) In-house	140

(4) Construction Contract Award	08 FEB
(5) Construction Start	08 MAR
(6) Construction Completion	09 SEP

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
KITCHENETTE EQUIPMENT	3400	2008	96
COMMUNICATION EQUIPMENT	3400	2008	50

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAMSTEIN AIR BASE, GERMANY	FIRE TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	179-511	TYFR081013U	3,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				3,412
FIRE TRAINING FACILITY	LS			(3,412)
SUPPORTING FACILITIES				323
PASSIVE FORCE PROTECTION (FENCE & GATES)	LS			(33)
SITE IMPROVEMENTS	LS			(150)
ENVIRONMENTAL SUPPORT	LS			(30)
DEMOLITION OF BUILDING #2207 & PAVEMENT	LS			(110)
SUBTOTAL				3,735
CONTINGENCY (5.0%)				187
TOTAL CONTRACT COST				3,922
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				255
TOTAL REQUEST				4,177
TOTAL REQUEST (ROUNDED)				4,177

10. Description of Proposed Construction: All civil, structural, mechanical, and electrical supporting work necessary for the construction of a new live firefighter training facility. The US project portion consists of an C-130 aircraft mock-up with various engine models and Corten Steel shielding, gas supply lines for the mock-up, propane burners, structural trainer, and control tower. NATO funds cover the minimum military requirement. Scope of work also includes a training control tower with all utilities, security fencing with gates and landscaping. Demo includes one facility (142 SM) and pavements (810 SM). In addition, it includes all other necessary support to provide a complete and usable facility, adequate pollution control devices and compliance with current USAF, German DIN Regulations, AFCESA Facilities Criteria and Training Standards.

Air Conditioning: 0 Tons

11. Requirement: 1 EA Adequate: 0 EA Substandard: 0 EA

PROJECT: Construct Fire Training Facility at Ramstein Air Base, Germany. (Current Mission)

REQUIREMENT: The facility is required to provide training for firefighters IAW AFI 32-2001 and National Fire Protection Association advice #1003. Ramstein is the regional training center for USAFE. All live fire training for USAFE firefighters, to include Silver Flag exercises are conducted on Ramstein.

CURRENT SITUATION: The previous fire training facility, on Ramstein AB, was demolished under a NATO project Ramp 5A in FY 1998, and has not been replaced to date. NATO only funds "Replacement in Kind" facility. The old fire training facility no longer met training standards. Conjunctively funding this project with NATO and US funding will construct a new up-to-standards facility. NATO funds do not cover all the pollution prevention measures required by US and Host Nation regulations. AFI 32-2001 requires Firefighters to receive live aircraft fire fighting training relative to aircraft firefighting semi-annually. The semi-annual

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY		4. PROJECT TITLE FIRE TRAINING FACILITY	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 179-511	7. PROJECT NUMBER TYFR081013U	8. PROJECT COST ($000) 3,000

training requirement for all USAFE firefighters is currently waived by HQ USAFE Civil Engineer IAW Operational Risk Management procedures for all of USAFE and will continue to be waived until the current training deficiencies are rectified. The only suitable locations to conduct adequate training within USAFE are at the Frankfurt International Airport and Sigonella Air Station. This training requires 1200 firefighters to go TDY twice a year to one of those locations at an average cost of $800 per person per trip, requiring associated $1.9M annual training cost. In addition, Silver Flag aircraft live fire training requirements (every 15 months) for all of USAFE are not being met. AFPAM10-219V10 requires personnel to receive live fire training on wide body and tactical aircraft as part of readiness training.

IMPACT IF NOT PROVIDED: The lack of a live fire training facility for fire fighters will continue to adversely impact their ability to provide fire protection and rescue services to the Kaiserslautern Military Community (KMC), HQ USAFE, and numerous forward deployed locations protected by USAFE firefighters. In addition, Silver Flag training for all of USAFE will not be able to be conducted at Ramstein. All firefighters must participate in at least one live fire before deploying which requires firefighters to be sent TDY. Firefighters reporting downrange will not receive hands-on training to face real world dangers associated with their respective AORs. Firefighters will merely be trained in theory and classroom settings, eliminating the ability to properly prepare and increase their skills in real world fire incidents. The safety of firefighters, pilots, aircraft, passengers and cargo is currently jeopardized without the proper live fire training, since there is no way of training them on how to react in the high heat, stressful environments they will be placed in when required to perform rescue operations.

ADDITIONAL: The total project cost is $4.18M. This project will be conjuctively funded with $3M from the AF and $1,277,402 (EURO 1,122,198). This project meets the criteria/scope specified in AFH 32-1084, "Facility Requirements". A preliminary analysis of reasonable options was done and indicates that only one option meets operational requirements; therefore, an economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Col. Carlos R. Cruz-Gonzalez, 011-49-6371-47-6228.

FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .8785

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY	4. PROJECT TITLE FIRE TRAINING FACILITY	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	179-511	TYFR081013U	3,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	01-MAR-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	01-MAR-07
(e) Date Design Complete	01-SEP-07
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):

	($000)
(a) Production of Plans and Specifications	258
(b) All Other Design Costs	129
(c) Total	387
(d) Contract	344
(e) In-house	43

(4) Construction Contract Award	08 FEB
(5) Construction Start	08 APR
(6) Construction Completion	09 MAR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY	4. PROJECT TITLE JOINT MOBILITY PROCESSING CENTER	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	141-786	TYFR043053	24,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
JOINT MOBILITY PROCESSING CENTER				14,002
ADMIN/PROCESSING CENTER	SM	3,693	2,192	(8,095)
TRANSIENT ARMORY	SM	279	4,517	(1,260)
MOBILITY WAREHOUSE	SM	1,897	1,831	(3,473)
ANTITERRORISM FORCE PROTECTION	SM	3,693	174	(643)
INTERIOR COMMUNICATION SUPPORT	LS			(531)
SUPPORTING FACILITIES				7,447
UTILITIES	LS			(825)
DEMOLITION	SM	2,208	118	(261)
ENVIRONMENTAL SUPPORT	LS			(145)
EXTERIOR COMMUNICATION SUPPORT	LS			(300)
STORMWATER DRAINAGE	LS			(300)
RELOCATION OF FACILITIES	SM	1,951	1,909	(3,724)
RELOCATION OF WEIGH-SCALE	LS			(42)
PASSIVE FORCE PROTECTION MEASURES	LS			(250)
SITE DEVELOPMENT & IMPROVEMENTS	LS			(500)
ADD/ALTER PAVEMENTS & PARKING AREA	LS			(1,100)
SUBTOTAL				21,448
CONTINGENCY (5.0%)				1,072
TOTAL CONTRACT COST				22,521
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				1,464
TOTAL REQUEST				23,985
TOTAL REQUEST (ROUNDED)				24,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,211.0)

10. Description of Proposed Construction: All civil, structural, mechanical, electrical, fire prevention/alarm and communication supporting work necessary for the construction of a Joint Mobility Processing Center. The project consists of masonry and prefabricated steel constructed facilities with sloped roofing systems on concrete foundations and floor slabs. Provides space for receiving and processing of personnel and baggage, offices, restrooms, and a transient armory. Pavements to provide space for material staging and vehicle parking, access roads including surrounding fence with entry gate and area lighting system. Demolishes existing facilities and relocates facilities occupied by other units. The work shall include all other necessary support and must be in compliance with current US Air Force and German regulations. This project will comply with DoD and EUCOM antiterrorism/force protection requirements per unified facilities criteria.", including blast mitigation for the inhabited portion of the building and exterior measures.

Air Conditioning: 60 Tons

11. Requirement: 5869 SM Adequate: 0 SM Substandard: 8185 SM

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY	4. PROJECT TITLE JOINT MOBILITY PROCESSING CENTER	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	141-786	TYFR043053	24,000

PROJECT: Construct Joint Mobility Processing Center at Ramstein AB, Germany. (Current Mission).

REQUIREMENT: As the new "Gateway to Europe", Ramstein AB has become one of the busiest airlift hub in the Department of Defense. The base's facilities play a critical role in executing the deployment and reception of Army and Air Force personnel and equipment within the European Command and Southwest Asia (SWA). During Operations Joint Endeavor, Allied Force, Shining Hope, Enduring Freedom and Iraqi Freedom, 75% of all USAFE assets and virtually all U.S. Army units deploying by air, moved through Ramstein AB. The base has proven to be the logistical focal point for aggregating DoD personnel and equipment enroute to or from SWA, for supporting ongoing operations in the Balkans, the Middle East and facilitating AEF rotations. Additionally, the Mobility Processing Center serves as a major reception center for forces deploying to Central Europe by air and for receiving personnel at Ramstein for noncombatant and aeromedical evacuation operations. Project must comply with regional AT/FP standards. This facility must be able to process both personnel and cargo simulteneously. The supporting facilities costs are nearly 25% of the primary facilities costs, due to the JMPC being built in an area, which is partially occupied by an AMC unit, requiring extensive demolition and relocation of facilities, as well as major site development. AT/FP costs are 3%, due to the close proximity to the perimeter fence.

CURRENT SITUATION: The current mobility center was formerly an Army trailer transfer facility and renovated in 1997 into a Joint Mobility Processing Center. With the birth of the AEF, the Rhein Main Transfer Program (RMTP) and Ramstein's growing role as EUCOM's main airlift hub, the base's deployment and reception mission has significantly outgrown the existing facilities. The current facility restrictions severely impede the processing center's ability to coordinate, control and execute vital deployment functions during Air Force and Army deployment operations from, through and to Ramstein AB.

IMPACT IF NOT PROVIDED: The ability to process contingency personnel and cargo in order to meet Ramstein's growing mission as the central hub for theater airlift requirements will not meet mission requirements. Deployment command and control during cargo and personnel processing, as well as aircraft loading will continue to be impaired due to inadequate facilities. With the increased deployment/troop rotation traffic due to an increased operations tempo in the EUCOM AOR, the ongoing support of contingency and humanitarian efforts all AEF rotations within theater are currently bottlenecked at this base, due to limited processing and holding facilities. This causes delays in delivery of critical people, equipment, and supplies to COCOMS. A reduction of transportation and processing time by further streamlining Ramstein¿s deployment process will not be possible, since the current facilities are not designed to meet the needs of a joint force strategy, supporting multiple objectives within the AOR. Military personnel and their critical mobility assets will continue to be forced to process in the open environment during inclement weather conditions, since current facilities are undersized.

ADDITIONAL: This project is not eligible for NATO funding. This project meets the criteria/scope specified in AFH 32-1084, "Facility Requirements" & AMC Design Guide. This project is in accordance with the Ramstein Master Plan. Admin/Warehouse facilities will have to be constructed first or the unit will have to move their

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY	4. PROJECT TITLE JOINT MOBILITY PROCESSING CENTER	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	141-786	TYFR043053	24,000

operations to an alternate location for the construction time, in order to avoid the need for Temporary Facilities and ensure the endurance of ongoing critical operations. A preliminary analysis of reasonable options was done and indicated that only one options meets operational requirements. Therefore an economic analysis has not been performed. A certificate of exception has been prepared. Base Civil Engineer: Col. Carlos R. Cruz-Gonzalez, 011-49-6371-47-6228. Construct Joint Mobility Processing Center: Admin/Processing Center 3,693 SM = 39,751 SF, Transient Armory 279 SM = 3,003 SF, Mobility Warehouse 1,897 SM = 20,419 SF.

FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .853

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAMSTEIN AIR BASE, GERMANY	JOINT MOBILITY PROCESSING CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	141-786	TYFR043053	24,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	10-MAY-05
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	20-SEP-06
(e) Date Design Complete	20-SEP-07
(f) 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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	**($000)**
(a) Production of Plans and Specifications	1,440
(b) All Other Design Costs	720
(c) Total	2,160
(d) Contract	1,920
(e) In-house	240
(4) Construction Contract Award	**08 FEB**
(5) Construction Start	**08 APR**
(6) Construction Completion	**10 APR**

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATION EQUIPMENT	3400	2008	100
FREQUENCY CONVERTER	3080	2008	111
MMHS	3080	2008	1,000

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAMSTEIN AIR BASE, GERMANY	SMALL DIAMETER BOMB FACILITIES, PH. 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27327	422-264	TYFR0630312	6,260

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				4,138
MUNITIONS STORAGE MODULES (MSMS)	SM	965	4,032	(3,891)
ANTITERRORISM FORCE PROTECTION	EA	5	35,376	(177)
INTERIOR COMMUNICATION SUPPORT	EA	5	14,000	(70)
SUPPORTING FACILITIES				1,460
UTILITIES	LS			(250)
PAVEMENTS	LS			(290)
SITE DEVELOPMENT & IMPROVEMENTS	LS			(300)
EXTERIOR COMMUNICATION SUPPORT	LS			(100)
LIGHTNING PROTECTION	LS			(130)
ENVIRONMENTAL SUPPORT	LS			(100)
STORMWATER DRAINAGE	LS			(290)
SUBTOTAL				5,598
CONTINGENCY (5.0%)				280
TOTAL CONTRACT COST				5,878
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				382
TOTAL REQUEST				6,260
TOTAL REQUEST (ROUNDED)				6,260
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(12.0)

10. Description of Proposed Construction: All civil, structural, electrical, utility and communication work necessary for the construction of five earth covered, hardened Small Diameter Bomb storage facilities with reinforced concrete footings, floor slab, walls and roof, as well as explosion proofed heavy steel doors on special tracks. Scope includes environmental remediation, pavements, and all other necessary support. Facilities will be equipped with fire and security alarms, lightning protection, as well as explosion proofed electrical, heating, and climate control systems. This project will comply with DoD and EUCOM antiterrorism/force protection requirements per unified facilities criteria and must be in compliance with current Department of Defense Explosive Safety Board (DDESB) and German regulations.

Air Conditioning: 0 Tons

11. Requirement: 1158 SM Adequate: 193 SM Substandard: 0 SM

PROJECT: Construct Small Diameter Bomb storage facilities at Ramstein AB, Germany. (New-Mission)
This is the second phase and concludes the full requirement.

REQUIREMENT: Adequately sized and configured facilities are required for the implementation of this new "Small Diameter Bomb" (SDB) weapon system to provide sufficient warfighting capabilities within the European Theater, as well as the Middle East region. The storage facilities need to provide space for storage,

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY		4. PROJECT TITLE SMALL DIAMETER BOMB FACILITIES, PH. 2	
5. PROGRAM ELEMENT 27327	6. CATEGORY CODE 422-264	7. PROJECT NUMBER TYFR0630312	8. PROJECT COST ($000) 6,260

servicing and preparation for shipment of this new SDB weapon system, promote a safe work environment, and minimize potential mishaps. This is the second phase of a two-phase project and provides five Munitions Storage Modules (MSM) required for munitions delivery in FY09. Phase 1 was an FY05 MILCON project and constructed one MSM. This project must comply with DoD and EUCOM antiterrorism/force protection standards and DDESB regulations.

CURRENT SITUATION: Ramstein AB has neither the facilities, nor the storage capabilities to accommodate this new weapon system. The base is the central airlift hub for the European and Middle East regions, for all personnel, materials and supplies, as well as weapons, being transported from and back to Conus via airlift in support of Contingencies and wartime operations, i.e. operation "Iraqi Freedom" in Iraq, or "Enduring Freedom" in Afghanistan. The weapon storage capabilities at Ramstein AB are exhausted. Additionally, several storage igloos will be demolished as part of the project to widened and lengthened Taxiway India which will become the Main Runway at Ramstein AB.

IMPACT IF NOT PROVIDED: Without this project, the support of contingencies and wartime operations within the European and Middle East theaters will be severely hampered, due to lack of storage and support facilities for this new weapon system. These weapons will have to be brought into theater directly from CONUS, possibly leading to extended operation delays and jeopardizing mission effectiveness and success.

ADDITIONAL: This project is not currently eligible for NATO funding. However, a precautionary prefinance statement will be submitted in the event eligibility is established. This project meets the criteria/scope specified in AFH 32-1084, "Facility Requirements". A preliminary analysis of reasonable option was done and indicated that only one options meets operational requirements. Therefore an economic analysis was not performed. A certificate of exception has been prepared. Costs for this project are based on the FY05 SDB Phase 1 project, inflated to FY08, and adjusted for the current exchange rate. The supporting facility costs are 20% of the primary facility cost due to the these facilities being constructed in a swampy, undeveloped, and environmentally sensitive remote area of the base that requires extensive site development. These MSMs, although uninhabited, require ATFP costs for special lock / alarm systems. Base Civil Engineer: Col. Carlos R. Cruz-Gonzalez, 011-49-6371-47-6228. Small Diameter Bomb Facility: 965 SM = 10,387 SF.

FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .8785

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAMSTEIN AIR BASE, GERMANY	SMALL DIAMETER BOMB FACILITIES, PH. 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27327	422-264	TYFR0630312	6,260

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	24-MAY-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	25-APR-07
(e) Date Design Complete	12-SEP-07
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):

	($000)
(a) Production of Plans and Specifications	378
(b) All Other Design Costs	189
(c) Total	567
(d) Contract	504
(e) In-house	63

(4) Construction Contract Award	08 FEB
(5) Construction Start	08 APR
(6) Construction Completion	09 JUN

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATION EQUIPMENT	3400	2008	12

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST COST INDEX
ANDERSEN AIR BASE GUAM	PACIFIC AIR FORCES	2.02

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	221	2,002	734	0	0	0	161	866	832	4,816
END FY 2011	219	1,977	587	0	0	0	161	866	832	4,642

7. INVENTORY DATA ($000)

Total Acreage:	15,891	
Inventory Total as of : (30 Sep 06)		4,160,476
Authorization Not Yet in Inventory:		72,040
Authorization Requested in this Program:		10,000
Authorization Included in the Following Program:	(FY 2009)	10,100
Planned in Next Three Years Program:		566,432
Remaining Deficiency:		95,892
Grand Total:		4,914,940

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
135-583	Upgrade NW Field Comm Infra Ph2	12,000	LM	10,000	Oct-06	Sep-07
		Total		10,000		

9a. Future Projects: Included in the Following Program: (FY2009)

217-742	Combat Communications Maintenance Faci	524	SM	5,100
610-127	Commando Warrior Admin Faciltiy	498	SM	5,000
	Total			10,100

9b. Future Projects: Typical Planned Next Four Years:

various	ISR/STF Beddown Facilities	1	LS	81,638
214-425	AEF Combat Support Vehicle Maint Fac	2,308	SM	14,800
422-258	Munitions Storage Igloos, Ph 2	1,784	SM	15,000
171-621	NW Field Technical Training Facility	1,122	SM	5,816
141-782	Air Freight Terminal Complex	3,062	SM	20,334
various	ISR/STF Beddown Facilities	1	LS	266,636
422-258	Munitions Storage Igloos, Ph 3	4,324	SM	16,500
various	ISR/STF Beddown Facilities	1	LS	94,985
219-944	NW Field Expeditionary Combat Spt Fac	975	SM	6,942
851-147	Realign Arc Light Blvd	22,000	SM	4,800
422-258	AEF FOL Munitions Igloos, Ph 4	4,324	SM	33,419
872-247	ATFP Base Perimeter Fence/Road	10,700	LM	5,562
	Total			566,432

9c. Real Property Maintenance Backlog This Installation ($M) 125

10. Mission or Major Functions: An air base wing hosting Headquarters Thirteenth Air Force, an Air Mobility Command air mobility squadron, Navy Helicopter Support Squadron Five (MH60), as well as a maintenance group and a contingency response group.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION ANDERSEN AIR FORCE BASE, GUAM	4. PROJECT TITLE UPGRADE NW FIELD INFRASTRUCTURE	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	135-583	SAKW335780B	10,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				7,672
COMMUNICATIONS LINES	LM	12,000	564	(6,773)
TELEPHONE SWITCH BUILDING	SM	20	8,020	(160)
INFORMATION TRANSFER NODE BUILDING	SM	30	24,614	(738)
SUPPORTING FACILITIES				1,218
SITE WORK AND RESTORATION	LS			(728)
PAVEMENT	LS			(490)
SUBTOTAL				8,890
CONTINGENCY (5.0%)				445
TOTAL CONTRACT COST				9,335
SUPERVISION, INSPECTION AND OVERHEAD (6.2%)				579
TOTAL REQUEST				9,913
TOTAL REQUEST (ROUNDED)				10,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,005.0)

10. Description of Proposed Construction: Install communications lines from Andersen main base to support new Air Expeditionary Forces (AEF) Combat Support and Training complex. Facilities must be able to withstand 190 mile-per-hour typhoon winds and Seismic Zone 4 earthquake criteria. Also includes performing necessary repairs to and replacement of disturbed and displaced pavements and existing utilities, associated site improvements, and hazardous material abatement as necessary.

11. Requirement: 0 LS Adequate: 0 LS Substandard: 0 LS

PROJECT: Upgrade Northwest Field Infrastructure. (Current Mission)

REQUIREMENT: Provide required communication support by installing new fiber optic lines from main base Andersen. This project is required to provide adequately sized and configured communications infrastructure in support of 25 new facilities programmed for construction within the NW Field AEF Combat Support and Training complex area by 2016. The complex will support a permanent party population of approximately 375 personnel and an annual student population of approximately 2,500. The project constructs two structures; one will serve as the main communications connection point for all facilities to be constructed within NW Field. The second building will contain an Information Transfer Node (ITN) that will be connected to the Dial Central Office via fiber optic lines.

CURRENT SITUATION: The existing communications infrastructure in the central region of the Northwest Field area of Andersen AFB is severely limited and does not have the capacity to support the new AEF Combat Support and Training facilities required by the extensive re-basing initiatives within the Pacific Theater. The Northwest Field area requires new communications lines to tie into the main base communications infrastructure because the existing direct-buried single mode fiber can serve only an AF Space Command facility. The capacity of this fiber optic line is severely

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION ANDERSEN AIR FORCE BASE, GUAM	4. PROJECT TITLE UPGRADE NW FIELD INFRASTRUCTURE	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	135-583	SAKW335780B	10,000

inadequate to support planned construction on NW Field.

IMPACT IF NOT PROVIDED: The AEF Combat Support and Training facilities being constructed will not have the required communications infrastructure to support the planned beddowns of Combat Communications, Commando Warrior, RED HORSE, and Silver Flag.

ADDITIONAL: This project is phase two of a two-phase infrastructure upgrade requirement. The first phase, a $12.5M utilities upgrade project, is in the FY07 President's Budget. This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." All known alternative options were considered during the development of this project. No other option meets mission requirements, therefore, an economic analysis was not performed. A certificate of exception has been prepared. This project includes antiterrorism force protection measures in accordance with the local threat assessment. Base Civil Engineer: Lt Col Marvin Smith, (671) 366-7101. Upgrade NW Field Infrastructure, Phase 2: 12,000 LM = 39,360 LF.

JOINT USE CERTIFICATION: This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ANDERSEN AIR FORCE BASE, GUAM	UPGRADE NW FIELD INFRASTRUCTURE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	135-583	SAKW335780B	10,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	15-OCT-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	15-MAR-07
(e) Date Design Complete	30-SEP-07
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):

	($000)
(a) Production of Plans and Specifications	600
(b) All Other Design Costs	300
(c) Total	900
(d) Contract	800
(e) In-house	100

(4) Construction Contract Award	08 FEB
(5) Construction Start	08 MAR
(6) Construction Completion	09 MAR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	8	5
TERMINAL NODE NWF COMM EQUIP	3400	8	500
ITN COMM EQUIP (MSA)	3400	8	500

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE
3. INSTALLATION AND LOCATION AL UDEID AB, QATAR	4. COMMAND: AIR COMBAT COMMAND (CENTAF)	5. AREA CONST COST INDEX 1.24

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 Sep 06	CLASSIFIED DATA						CLASSIFIED DATA			Note 1
END FY 2011	CLASSIFIED DATA						CLASSIFIED DATA			Note 1

7. INVENTORY DATA ($000)

a. Total Acreage:	Not US Owned Installation	Note 2	n/a
b. Inventory Total as of : (30 Sep 04)			60,000
c. Authorization Not Yet in Inventory:			114,000
d. Authorization Requested in this Program:			22,300
e. Authorization Included in the Following Program: (FY 2009)			64,819
f. Planned in Next Four Years Program:			384,600
g. Remaining Deficiency:			TBD
h. Grand Total:			471,719

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
211-111	Multi-Aircraft Maintenance Hangar	6,120	SM	22,300	DESIGN	BUILD
			Total	22,300		

9a. Future Projects: Included in the Following Program: (FY2009)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	
422-264	Munitions Storage Area Complex	20,263	SM	64,819	Note 3
		TOTAL		64,819	

9b. Future Projects: Typical Planned Next Four Years:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	
111-111	Construct Alt Runway & Taxiway	502,895	SM	142,600	Note 3
113-321	Construct CAS Parking Apron	172208	SM	60,100	Note 3
Various	Millennium Village Cantonment, PHII	88,205	SM	181,900	Note 3
Various	Master Plan MILCON Requirements	TBD		TBD	Note 3
		TOTAL		TBD	

9c. Real Property Maintenance Backlog This Installation: N/A

10. Mission or Major Functions: 379 Air Expeditionary Wing - a multi-purpose wing that supports a range of missions to include: fighter, airlift, refueling, intelligence, surveillance and reconnaissance; Combined Air Operations Center; the Aerial Port Control Center, Expeditionary Air Mobility Squadron and an Expeditionary RED HORSE Group.
NOTE 1: Personnel numbers at a contingency location are classified, therefore not provided.
NOTE 2: Not a US owned installation therefore we do not have real property data.
NOTE 3: Some projects may be funded by Host Nation but are identified in the Al Udeid Master Plan

11. Outstanding Pollution and Safety (OSHA Deficiencies):
a. Air pollution
b. Water Pollution
c. Occupational Safety and Health
d. Other Environmental

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1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
AL UDEID AB , QATAR	MULTI-AIRCRAFT MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	211-111	ALDA053001B	22,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				16,574
MAINTENANCE HANGAR, 2-BAY	SM	6,210	2,591	(16,090)
ANTI-TERRORISM / FORCE PROTECTION	SM	6,210	78	(484)
SUPPORTING FACILITIES				3,425
UTILITIES	LS			(595)
PAVEMENTS	LS			(861)
SITE IMPROVEMENTS	LS			(973)
COMMUNICATIONS	LS			(224)
FIRE PROTECTION WATER STORAGE AND PUMPS	LS			(772)
SUBTOTAL				19,999
CONTINGENCY (5.0%)				1,000
TOTAL CONTRACT COST				20,999
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				1,365
TOTAL REQUEST				22,364
TOTAL REQUEST (ROUNDED)				22,300

10. Description of Proposed Construction: Construct a two-bay aircraft maintenance hangar sized for B-1B aircraft with fuel cell maintenance capability in one bay, fire detection and suppression, environmental support, aircraft access apron, and storm water drainage. Project will include all civil, structural, mechanical, electrical, communication, and supporting work necessary to construct a complete and useable facility. Building construction type will be insulated metal structure with partial CMU walls, concrete foundation, floor slab to support aircraft jacking, and structural steel framed doors. Project will comply with DOD and CENTCOM anti-terrorism/force protection requirements per UFC 4-1010-01.

11. Requirement: 6210 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: Construct two-bay maintenance hangar (New Mission).

REQUIREMENT: A two-bay maintenance hangar is required to support the recent beddown of B-1B aircraft along with other large frame aircraft at Al Udeid. CENTCOM recently realigned deployed B-1B to Al Udeid AB to shorten round-trip travel time to the battlefield by over six hours. This action reduces air refueling requirements and extends each close air support (CAS) sortie supporting ground forces in direct contact with the enemy. There are a total of 53 aircraft assigned that require this hangar. The base has no maintenance hangars that can meet this requirement. Fuel cell maintenance capability is required for all aircraft, but critical for the KC-135. Fuel cell maintenance must be conducted indoors and includes opening fuel cell panels, crawling inside and inspecting/repairing pumps and other critical components. In addition, the B-1B also requires a complete phase maintenance inspection, conducted indoors, every 400 flying hours. During a typical 179-day rotation, every B-1B must undergo a phase inspection at least once. Al Udeid is also the main hub for C-130 missions supporting OIF, OEF, and JTF-HOA missions, and now provides over

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION AL UDEID AB , QATAR		4. PROJECT TITLE MULTI-AIRCRAFT MAINTENANCE HANGAR	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 211-111	7. PROJECT NUMBER ALDA053001B	8. PROJECT COST ($000) 22,300

72 percent of all tactical airlift in theater. In-theater maintenance capability for intra-theater aircraft is much more vital to the success of ongoing operations due to the CENTCOM's reliance on airlift vice vulnerable truck convoys. This shift has increased airlift requirement 60 percent for cargo and 38 percent for personnel.

CURRENT SITUATION: High wind and sand storms occur over 42 percent of the time at Al Udeid, imposing a chronic and significant impact on aircraft maintenance, which is conducted outdoors in harsh conditions. Maintenance is impacted every time winds exceed 5 knots, often times to the point where aircraft jacking is not allowed and all maintenance must stop. Even aircraft line replacement units cannot be swapped out due to the dust blowing into the contacts. Additionally, phase inspection cannot be waived and is currently accomplished by flying the aircraft to Guam, South Dakota, or Texas. The 40-hour round-trip flight for these inspections consumes 10 percent of the hours until the next inspection and takes the plane out of service for over 10 days, which requires either replacement aircraft or a reduction in available combat capability. In addition to B-1B requirements, the frequency, duration and hazardous nature of intra-theater airlift missions is accelerating wear on the C-130 fleet, and the lack of a hangar for routine maintenance is preventing crews from providing the level and complexity of maintenance needed to keep the aircraft fully mission capable. During a 6-month period last year, six C-130s were ferried out of the theater for maintenance that could have been done on site if there were a hangar. These aircraft were gone a total of 56 days for maintenance that could have been accomplished at Al Udeid in 18 days. This represents 760,000 pounds of cargo that could not be moved by air.

IMPACT IF NOT PROVIDED: The base will continue to have limited ability to maintain aerial refuelers and tactical airlifters directly supporting OEF, OIF and JTF-HOA missions. Out-of-theater maintenance will reduce the number of aircraft available for combat missions, delaying critical CAS to the warfighter on the ground, or delaying airlift of troops and supplies throughout the theater. Severe desert winds and sand storms will continue to adversely impact maintenance operations on several fleets of aircraft at Al Udeid. The warfighter will be forced to rely more heavily on ground transportation for re-supply, increasing risk to personnel. Finally, added and unnecessary costs will continue to accrue to fly aircraft out of theater for maintenance.

ADDITIONAL: This project meets the scope/criteria specified in Air Force Handbook 32-1084, "Facility Requirements." Base Civil Engineer: Lt Col Jennifer Kilbourn. Multi-Aircraft Maintenance Hangar: 6,210 SM = 66,820 SF.

JOINT USE CERTIFICATION: This facility is programmed for joint use with the US Navy; however, it is fully funded by the Air Force.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
AL UDEID AB , QATAR	MULTI-AIRCRAFT MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	211-111	ALDA053001B	22,300

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 1,115

(4) Construction Contract Award 07 FEB

(5) Construction Start 07 MAR

(6) Construction Completion 08 MAR

(7) Energy Study/Life-Cycle analysis was/will be performed NO

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE
3. INSTALLATION AND LOCATION ALBACETE SPAIN	4. COMMAND: UNITED STATES AIR FORCES, EUROPE	5. AREA CONST COST INDEX 1.2

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	6	1	0							7
END FY 2011	6	1	0							7

7. INVENTORY DATA ($000)

a. Total Acreage:	
b. Inventory Total as of : (30 Sep 06)	0
c. Authorization Not Yet in Inventory:	0
d. Authorization Requested in this Program:	1,800
e. Authorization Included in the Following Program: (FY 2008)	0
f. Planned in Next Four Years Program:	0
g. Remaining Deficiency:	0
h. Grand Total:	1,800

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
721-312	Construct Tactical Leadership Program Dorm	12,748 SM	1,800	Apr-06	Sep-07
		Total	1,800		

9a. Future Projects: Included in the Following Program: (FY2009)

None

9b. Future Projects: Typical Planned Next Four Years:

None

9c. Real Propery Maintenance Backlog This Installation ($M) 0

10. Mission: The Tactical Leadership Program (TLP) is an 8-nation consortium comprised of US, BE, DK, GE, IT,NL, SP and UK that trains the tactical air forces of these nations, provides standardized training that results in NATO-wide air operations interoperability with regards to tactics, techniques, and procedures (TTPs), and develops NATO tactics and doctrine.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution:	0
b. Water Pollution:	0
c. Occupational Safety and Health	0
d. Other Environmental:	0

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1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ALBACETE, SPAIN	TACTICAL LEADERSHIP PROGRAM DORM (400 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	721-312	USAFE083000	1,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
TACTICAL LEADERSHIP PROGRAM DORM (400 RM)				11,055
DORMITORY	SM	12,748	867	(11,055)
SUPPORTING FACILITIES				603
ROAD/PAVEMENTS	LS			(603)
SUBTOTAL				11,659
TOTAL CONTRACT COST				11,659
TOTAL REQUEST				11,659
TOTAL REQUEST (ROUNDED)				11,700

10. Description of Proposed Construction: Three multi-story building with reinforced concrete foundations and floor slabs. Construction will be in accordance with the Domestic Facilities paragraph of the TLP Basing Requirements Annex to the TLP Programme: Re-Basing Study, of TLP Commandant 24.11.03. Scope includes new utilities, 300 single and 100 double rooms, private bathrooms, gymnasium, dining hall, cafeteria, TV rooms and mass notification systems. Project also constructs road servicing between dorm and workspace. The PA reflects the US portion (15.56%) of the total 8-nation bill of $11.7M for construction of these facilities.

11. Requirement: 12748 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: Construct unaccompanied dormitory - 500 PN for students, cadre and support personnel of the Tactical Leadership Program (TLP) and road servicing between dormitory and workspace.

REQUIREMENT: The students and cadre of the Allied Command Operations Tactical Leadership Program require housing conducive to their rest, relaxation, and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated training scenarios. This project is in accordance with the eight-nation agreement to move this training from Florennes, Belgium to Albacete AB, Spain.

CURRENT SITUATION: TLP is an 8-nation consortium comprised of US, BE, DK, GE, IT, NL, SP and UK located at Florennes AB, Belgium. Due to current operating limitations in Belgium, the TLP nations agreed to move the entire program to Albacete AB, Spain. Each nation is responsible for their fair share of the relocation fees, which are primarily construction costs. The US portion of the $11.7M construction is 15.56% or $1.8M.

IMPACT IF NOT PROVIDED: Airspace issues are becoming increasingly restrictive at Florennes and weather conditions also have a negative effect on training opportunities. TLP, representing the tactical air forces of eight nations, provides standardized training that results in NATO-wide air operations interoperability with regards to tactics, techniques, and procedures (TTPs), and develops NATO tactics and doctrine. Emphasis of the program is on leadership in a multi-national tactical environment. Requirements to move TLP stem from airspace availability/congestion and weather constraints. TLP training mission will remain the same - to develop tactical

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ALBACETE, SPAIN		4. PROJECT TITLE TACTICAL LEADERSHIP PROGRAM DORM (400 RM)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER USAFE083000	8. PROJECT COST ($000) 1,800

air leadership, mission planning, and command and task skills through once per day 20-30 aircraft large force employment, time sensitive targeting, and other scenarios. If this project is not approved, the US will be in default of a signed eight nation agreement. Default would result in expulsion from the TLP. This would result in vastly diminished joint capability between the US and our NATO partners.

ADDITIONAL: Construction will be in accordance with the Domestic Facilities paragraph of the TLP Basing Requirements Annex to the TLP Programme: Re-Basing Study, of TLP Commandant 24.11.03.
Dormitory (12,748 SM = 137,218 SF)

FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .853

JOINT USE CERTIFICATION: The facility will be used by the 8-nation consortium which currently attend TLP training. The US is responsible for paying for our fair share which equates to 15.56%. This percentage is based on number of training slots each country has requested.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ALBACETE, SPAIN	TACTICAL LEADERSHIP PROGRAM DORM (400 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	721-312	USAFE083000	1,800

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	01-APR-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	
* (d) Date 35% Designed	01-OCT-07
(e) Date Design Complete	30-SEP-07
(f) Energy Study/Life-Cycle analysis was/will be performed	NO
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	702
(b) All Other Design Costs	351
(c) Total	1,053
(d) Contract	936
(e) In-house	117
(4) Construction Contract Award	08 JAN
(5) Construction Start	08 FEB
(6) Construction Completion	09 JUN

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE
3. INSTALLATION AND LOCATION RAF LAKENHEATH UNITED KINGDOM	4. COMMAND: UNITED STATES AIR FORCES, EUROPE	5. AREA CONST COST INDEX 1.2

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	527	3836	598	0	0	0	0	0	17	4,978
END FY 2011	511	3903	609	0	0	0	0	0	116	5,139

7. INVENTORY DATA ($000)

a. Total Acreage:	2,509		
b. Inventory Total as of : (30 Sep 06)			1,559,982
c. Authorization Not Yet in Inventory:			0
d. Authorization Requested in this Program:			17,300
e. Authorization Included in the Following Program:		(FY 2009)	7,281
f. Planned in Next Four Years Program:			15,200
g. Remaining Deficiency:			0
h. Grand Total:			1,599,763

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
141-753	F-15C Squad Ops/AMU	3,380 SM	15,500	Design - Build	
422-264	Small Diameter Bomb - Storage Igloo	225 SM	1,800	Jun-06	Sep-07
		Total	17,300		

9a. Future Projects: Included in the Following Program: (FY2009)

730-832	Large Vehicle Inspection Station	900 SM	7,281
		Total	7,281

9b. Future Projects: Typical Planned Next Four Years:

171-618	Field Training Detachment Complex	4009 SM	15,200
		Total	15,200

9c. Real Propery Maintenance Backlog This Installation ($M) 113

10. Fighter wing equipped with two squadrons of F-15Es and one squadron of F-15C/Ds.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution:	0
b. Water Pollution:	0
c. Occupational Safety and Health	0
d. Other Environmental:	0

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1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAF LAKENHEATH, UNITED KINGDOM	F-15C SQUAD OPS/AMU

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	141-753	MSET963014	15,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
F-15C SQUAD OPS/AMU				10,461
SQUADRON OPERATIONS/AMU	SM	3,380	2,870	(9,701)
ANTITERRORISM FORCE PROTECTION	SM	3,380	125	(423)
INTERIOR COMMUNICATION SUPPORT	SM	3,380	100	(338)
SUPPORTING FACILITIES				3,927
UTILITIES	LS			(740)
PAVEMENTS	LS			(565)
SITE IMPROVEMENTS	LS			(600)
COMMUNICATIONS	LS			(880)
PASSIVE FORCE PROTECTION MEASURES	LS			(633)
DEMOLITION	SM	1,885	270	(509)
SUBTOTAL				14,388
CONTINGENCY (5.0%)				719
TOTAL CONTRACT COST				15,107
SUPERVISION, INSPECTION AND OVERHEAD (2.5%)				378
TOTAL REQUEST				15,485
TOTAL REQUEST (ROUNDED)				15,500

10. Description of Proposed Construction: Construct a two-story facility with concrete foundation and floor slab, concrete or steel frame, masonry walls, structural steel frame, pitched roof, fire protection and elevator. Include support areas, utilities, parking and site improvements. Force Protection measures including fencing, physical barriers, parking and reinforced materials in accordance with regional force protection requirements, and will comply with DoD force protection requirements per unified facilities criteria. The project will demolish 1885 SM.

Air Conditioning: 50 Tons

11. Requirement: 9492 SM Adequate: 6787 SM Substandard: 3485 SM

PROJECT: Construct Squadron Operations and Aircraft Maintenance Complex. (Current Mission)

REQUIREMENT: The project is required to combine aircraft operators, flightline maintainers, and the administration sections of the flying squadron. The consolidation relocates personnel from undersized, substandard and geographically separated facilities into a functional and adequately sized structure to support the F-15C aircraft and personnel. Space is required for Command Section, flight rooms, mass briefing/training rooms, break room/aircrew lounge, training, scheduling, operations, administration and aircrew life support. Briefing and training rooms are required to provide adequate security for classified briefings. The maintenance areas should include administration areas, equipment storage, technical order's library, tool rooms and bench stock. AT/FP costs on this project are higher due to lack of required standoff distance from adjacent buildings and roads.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION RAF LAKENHEATH, UNITED KINGDOM	4. PROJECT TITLE F-15C SQUAD OPS/AMU	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	141-753	MSET963014	15,500

CURRENT SITUATION: The Fighter Squadron operates from a combination of four concrete block facilities and structural steel buildings that are inadequate to support functions and have exceeded their economic usefulness. Needed improvements to the structural integrity and lack of fire suppression sprinkler systems in most of the facilities jeopardize the life and safety of airmen. Fragmented and overcrowded facilities reduces tool crib, bench stock, equipment storage and disrupts the lines of communication and control for mission briefings and planning.

IMPACT IF NOT PROVIDED: Airmen will continue to work in facilities separated by up to two kilometers. Facilities lack required fire suppression systems and have poor lighting and electrical systems that pose life/safety hazards. Physical separation will continue to cause excessive travel times, impeding maintenance and sortie generation, as well as hindering organizational cohesiveness necessary to become an efficient and effective operational squadron. Essential squadron operations and logistic functions will continue to require additional work-arounds that further degrade mission performance and the wing mission. Degraded facilities also affect the quality of life of the personnel working out of these facilities. Additionally the flight crews and maintenance personnel will have to drive at least 2 KM over an active airfield which can delay their arrival at the aircraft up to 10 minutes depending on the volume of aircraft operating on the airfield.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". A small portion of this project ($800K) is eligible for NATO funding within Capability Package 2A0008 Addendum 1. Refer to project 2AF50648. However, a US cost share is required in order to provide a facility that meets the minimum US functional requirements. A preliminary analysis of reasonable options was accomplished comparing alternatives of status quo, renovation, addition/alteration, and new construction. It indicates there is only one option that will meet operational requirements; therefore, a full economic analysis was not performed. A certificate of exemption was prepared. Supporting costs are higher to the required upgrading of all services to this area of the base for utilities. ATFP requirements are higher than 3% due to the proximity of this facility to adjacent facilities and perimeter fence. Base Civil Engineer; Lt Col Dimasalang F. Junio, DSN 314-226-2100 (Commercial 011-44-1638-522-100). Squad Ops/AMU: 3,380 SM = 36,369 SF.

BASE CIVIL ENGINEER: Murphy

FOREIGN CURRENCY: FCF Budget Rate Used: POUND .593

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and locations are incompatible with use by other components.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAF LAKENHEATH, UNITED KINGDOM	F-15C SQUAD OPS/AMU

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	141-753	MSET963014	15,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 435

(4) Construction Contract Award 08 FEB

(5) Construction Start 08 APR

(6) Construction Completion 10 APR

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAF LAKENHEATH, UNITED KINGDOM	SMALL DIAMETER BOMB - STORAGE IGLOO

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27327	422-264	MSET083003	1,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				1,021
STORAGE IGLOO	SM	225	4,260	(959)
ANTI TERRORISM / FORCE PROTECTION	LS			(50)
INTERIOR COMMUNICATIONS	LS			(12)
SUPPORTING FACILITIES				630
UTILITIES	LS			(180)
PAVEMENTS	LS			(213)
SITE IMPROVEMENTS	LS			(120)
COMMUNICATIONS	LS			(72)
PASSIVE / FORCE PROTECTION MEASURES	LS			(15)
LIGHTNING PROTECTION	LS			(30)
SUBTOTAL				1,651
CONTINGENCY (5.0%)				83
TOTAL CONTRACT COST				1,733
SUPERVISION, INSPECTION AND OVERHEAD (2.5%)				43
TOTAL REQUEST				1,776
TOTAL REQUEST (ROUNDED)				1,800
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(40.0)

10. Description of Proposed Construction: All civil, structural, electrical, utility and communication work necessary for the construction of an earth covered, hardened Small Diameter Bomb munitions storage igloo facility with reinforced concrete footings, floor slab, walls and roof, together with explosion proof heavy steel doors on special tracks. Scope includes pavements, utilities, and all other necessary support. Facilities will be equipped with fire and security alarms, lightning protection, and explosion proofed electrical systems and fittings. Although uninhabited, ATFP is required to meet regional force protection standards of proximity to roads and existing buildings. The facility must be in compliance with current Department of Defense Explosive Safety Board (DDESB) and UK regulations for explosive storage facilities.

11. Requirement: 450 SM Adequate: 225 SM Substandard: 0 SM

PROJECT: Construct Munition Storage Igloo for the Small Diameter Bomb (New Mission)

REQUIREMENT: An additional adequately sized and configured storage igloo is required for the implementation of this new "Small Diameter Bomb" (SDB) weapon system in order to provide sufficient warfighting capabilities within the European Theater, as well as the Middle East region. The storage facility needs to provide adequate storage of this new SDB weapon system, promoty a safe work environment, and minimizt potential mishaps.

CURRENT SITUATION: RAF Lakenheath does not have the storage capabilities to accommodate this new weapon system. The existing storage igloos have been surveyed

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION RAF LAKENHEATH, UNITED KINGDOM		4. PROJECT TITLE SMALL DIAMETER BOMB - STORAGE IGLOO	
5. PROGRAM ELEMENT 27327	6. CATEGORY CODE 422-264	7. PROJECT NUMBER MSET083003	8. PROJECT COST ($000) 1,800

and none can be configured for this munition, nor can they be used without impacting the 48FW mission. The 48FW is the only F-15C/E base in Europe and is involved in many of the Air Forces combat missions in support of contingencies and wartime operations, i.e. Operation IRAQI FREEDOM in Iraq, or ENDURING FREEDOM in Afghanistan.

IMPACT IF NOT PROVIDED: Without this project, the support of contingencies and wartime operations within the European and Middle Eastern theaters will be severely hampered, due to lack of storage for this new weapon system for the 48FW. These weapons will have to be brought into theater directly from CONUS, possibly leading to extended operation delays and jeopardizing mission effectiveness and success.

ADDITIONAL: This project is not currently eligible for NATO funding. However, a precautionary prefinance statement will be submitted in the event eligibility is established. This project meets the criteria/scope specified in AFH 32-1084, "Facility Requirements". A preliminary analysis of reasonable options was done and indicated that only one options meets operational requirements. Therefore an economic analysis was not performed. A certificate of exception has been completed. The Supporting Facilities exceed 25% due to the infrastructure additional and expansion required for this facility. These MSMs, although uninhabited, require ATFP costs for special lock / alarm systems. Base Civil Engineer: Lt Col Roy-Alan C. Agustin, DSN 226-2100 (Commercial 001-44-1638-522-100)

FOREIGN CURRENCY: FCF Budget Rate Used: POUNDS .593

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAF LAKENHEATH, UNITED KINGDOM	SMALL DIAMETER BOMB - STORAGE IGLOO

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27327	422-264	MSET083003	1,800

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	15-JUN-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	01-APR-07
(e) Date Design Complete	22-SEP-07
(f) Energy Study/Life-Cycle analysis was/will be performed	NO
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	108
(b) All Other Design Costs	54
(c) Total	162
(d) Contract	144
(e) In-house	18
(4) Construction Contract Award	08 MAR
(5) Construction Start	08 MAY
(6) Construction Completion	09 MAY

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATION COSTS	3300	2008	40

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
RAF MENWITH HILL STATION UNITED KINGDOM	UNITED STATES AIR FORCES, EUROPE	1.2

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 06	15	54	360							429
END FY 2011	14	50	555							619

7. INVENTORY DATA ($000)

a. Total Acreage:	545	
b. Inventory Total as of : (30 Sep 06)		387,585
c. Authorization Not Yet in Inventory:		0
d. Authorization Requested in this Program:		41,000
e. Authorization Included in the Following Program: (FY 2009)		0
f. Planned in Next Four Years Program:		28,798
g. Remaining Deficiency:		0
h. Grand Total:		457,383

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2008)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
141-456	ADAL Operations and Technical Facility	2,100	SM	31,000	Apr-06	Sep-07
811-147	Power Availability & Infrastructure Improvements		LS	10,000	Apr-06	Sep-07
		Total		41,000		

9a. Future Projects: Included in the Following Program: (FY2009)

None

9b. Future Projects: Typical Planned Next Four Years:

100-001	Menwith Hill - CCP	LS	6,000
100-001	Menwith Hill - CCP	LS	22,798
			28,798

9c. Real Propery Maintenance Backlog This Installation ($M)

10. Mission: Provides intelligence support for UK, US and NATO interests.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution:	0
b. Water Pollution:	0
c. Occupational Safety and Health	0
d. Other Environmental:	0

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1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAF MENWITH HILL, UNITED KINGDOM	ADD/ALTER OPERATIONS & TECHNICAL FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
31196	141-456	MWHL080003	31,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				23,226
OPERATIONS & TECHNICAL FACILITY	SM	2,100	10,900	(22,890)
ANTITERRORISM/FORCE PROTECTION	SM	2,100	160	(336)
SUPPORTING FACILITIES				5,457
UTILITIES	LS			(4,070)
PAVEMENTS	LS			(132)
SITE IMPROVEMENTS	LS			(655)
COMMUNICATIONS	LS			(600)
SUBTOTAL				28,683
CONTINGENCY (5.0%)				1,434
TOTAL CONTRACT COST				30,117
SUPERVISION, INSPECTION AND OVERHEAD (2.5%)				753
TOTAL REQUEST				30,870
TOTAL REQUEST (ROUNDED)				31,000

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls and sloped standing seam metal roof. SCIF with power requirements of 8.6KW per square meter for data processing equipment, and raised computer flooring. Heating and cooling will support equipment including rack storage. Facility includes all utilities, pavements, site and communications work to provide complete and useable facilities. This project will comply with DoD and EUCOM antiterrorism/force protection requirements per unified facilities criteria.

11. Requirement: 2100 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: Construct an OPS/TECH Data Center Facility in adherence to SCIF standards with enough power to run current/future operations. (Current Mission)

REQUIREMENT: RAF Menwith Hill requires an OPS/TECH Sensitive Compartmented Information Facility (SCIF) addition to Bldg 45 for computer, communications, and data processing equipment. Mission requirements have expanded to support the GWOT and new systems. This facility enables MHS to collaborate with customers, increase their capability, and increase production and modernization of their support network. Designated zones for communications, support and technology, with areas set aside for interface between necessary partners is required to process and disseminate information in a timely manner. This facility is required to provide 8.6KW watts per square meter in order to support high density power intensive data processing equipment.

CURRENT SITUATION: The existing operations facilities (buildings 36D, 36M, 36T, 45) are at capacity and additional mission space is required. New systems have been funded; however current facilities and infrastructure lacks the power, HVAC, and capability to house additional people or equipment. Documented shortfalls related to infrastructure repair and maintenance exists in the Joint Military Readiness Review

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION RAF MENWITH HILL, UNITED KINGDOM		4. PROJECT TITLE ADD/ALTER OPERATIONS & TECHNICAL FACILITY	
5. PROGRAM ELEMENT 31196	6. CATEGORY CODE 141-456	7. PROJECT NUMBER MWHL080003	8. PROJECT COST ($000) 31,000

for Menwith Hill Station (MHS).

IMPACT IF NOT PROVIDED: Failure to provide this requirement will result in loss of intelligence capability for the United States and our allies in combating the GWOT. Menwith Hill Station is functioning at maximum capacity and critical mission growth cannot be supported. New systems exceed the cooling, power, and space capacity of existing facilities and will not be properly utilized. Critical systems and information that require high availability in support of customers worldwide will not be available.

ADDITIONAL: This project complies with the scope and design criteria of DOD 4270,1-M, Construction Criteria. Costs for this project were determined using AF Historical data for SATCOM Centers. This project is not eligible for NATO funding. A preliminary analysis of reasonable options was done and indicates only one option meets operational requirements. Therefore a full economic analysis was not accomplished. A certificate of exception has been accomplished. BASE CIVIL ENGINEER: Lt Col Christopher O. Darling, 011-44-1423-84-4240. (Operations and Technical Facility: 2,100 SM = 22,596 SF)

FOREIGN CURRENCY: FCF Budget Rate Used: POUND .593

JOINT USE CERTIFICATION: The facility is programmed for joint use with DoD and is funded by the NSA under the Consolidated Cryptologic Program (CCP).

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAF MENWITH HILL, UNITED KINGDOM	ADD/ALTER OPERATIONS & TECHNICAL FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
31196	141-456	MWHL080003	31,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	01-APR-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	01-APR-07
(e) Date Design Complete	01-SEP-07
(f) 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 -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):

	($000)
(a) Production of Plans and Specifications	1,860
(b) All Other Design Costs	930
(c) Total	2,790
(d) Contract	2,480
(e) In-house	310

(4) Construction Contract Award	08 FEB
(5) Construction Start	08 FEB
(6) Construction Completion	10 FEB

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAF MENWITH HILL, UNITED KINGDOM	POWER AVAILABILITY AND INFRASTUCTURE IMPROVEMENTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
31196	811-147	MWHL080002	10,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				8,525
DISTRIBUTION CABLE / SWITCH GEAR	LS			(4,700)
UPGRADE POWER PLANT CONTROLS	LS			(1,200)
SUBSTATIONS	LS			(1,000)
TRANSFORMERS	LS			(900)
GENERATOR PAD	LS			(725)
SUPPORTING FACILITIES				750
SITE IMPROVEMENTS	LS			(300)
PAVEMENTS	LS			(300)
FENCE	LS			(150)
SUBTOTAL				9,275
CONTINGENCY (5.0%)				464
TOTAL CONTRACT COST				9,739
SUPERVISION, INSPECTION AND OVERHEAD (2.5%)				243
TOTAL REQUEST				9,982
TOTAL REQUEST (ROUNDED)				10,000

10. Description of Proposed Construction: Construction will consist of reinforced concrete foundation and floor slab, sub station buildings, masonry walls and sloped standing seam metal roofs, generator controls, relays, transformers, and site improvements including fencing, curbs, access roads, site drainage, and re-landscaping. This project will comply with DoD and EUCOM antiterrorism/force protection requirements per unified facilities criteria.

11. Requirement: 7000000 VA Adequate: 0 VA Substandard: 0 VA

PROJECT: Provide availability and infrastructure upgrades and improvements to the emergency power capacity in support of essential mission activities located at RAF Menwith Hill, UK.

REQUIREMENT: This project is required to provide backup power of an adequate capacity and continuous availability for RAF Menwith Hill. New mission needs have greatly increased the power requirements. Reliable power is essential for this operation in support of the Global War on Terrorism. This project will upgrade and expand the existing emergency generator back-up power and infrastructure, which supports the Operations Complex at RAF Menwith Hill. These upgrades are essential to provide the power infrastructure necessary to maintain mission operations during power anomalies or losses of power. The upgrade consists of revising the generator controls, governor, and volt amps reactive (VAR) control together with a new protection sequence for the alternator differential protection, new protection relays, and additional current transformers. Each control cabin bus and step up transformer would also be covered by a differential protection. Expansion includes infrastructure improvements and additional 1.7MW generators with control cabins.

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAF MENWITH HILL, UNITED KINGDOM	POWER AVAILABILITY AND INFRASTUCTURE IMPROVEMENTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
31196	811-147	MWHL080002	10,000

CURRENT SITUATION: Currently, the forty-year-old emergency generators cannot support all power load requirements to support the essential missions in support of the Global War on Terrorism. The existing emergency generator systems needs major refurbishment and upgrades to meet existing and future power requirements. Anytime MHS has a power anomaly or loss of commercial power all operational mission equipment must be supported without interruption.

IMPACT IF NOT PROVIDED: If availability and infrastructure improvements are not made, MHS will be unable to maintain continuous and reliable power to successfully support critical mission equipment supporting the Global War on Terrorism. Additionally, existing mission critical equipment will remain at constant risk due to lack of redundant power supplies. Failure of site power results in physical damage to high value mission critical equipment, which can take an unacceptable length of time to repair/replace. This project will prevent loss or damage of equipment essential to our efforts in support of the Global War on Terrorism. Any loss of processing capability adversely effects vital national and allied intelligence efforts.

ADDITIONAL: This project is not eligible for NATO funding base on NATO Aproved Criteria & Standards. A preliminary analysis of reasonable options was done and indicates only one option meets operational requirements. Therefore a full economic analysis was not accomplished. A certificate of exception has been prepared. BASE CIVIL ENGINEER: Lt Col Christopher O. Darling, 011-44-1423-84-4240

FOREIGN CURRENCY: FCF Budget Rate Used: POUND .593

JOINT USE CERTIFICATION: The facility is programmed for joint use with all DoD and is funded by the NSA under the Consolidated Cryptologic Program (CCP).

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAF MENWITH HILL, UNITED KINGDOM	POWER AVAILABILITY AND INFRASTUCTURE IMPROVEMENTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
31196	811-147	MWHL080002	10,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	01-APR-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	01-SEP-06
(e) Date Design Complete	01-SEP-07
(f) Energy Study/Life-Cycle analysis was/will be performed	NO
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	**($000)**
(a) Production of Plans and Specifications	600
(b) All Other Design Costs	300
(c) Total	900
(d) Contract	800
(e) In-house	100
(4) Construction Contract Award	**08 FEB**
(5) Construction Start	**09 MAR**
(6) Construction Completion	**10 SEP**

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE
INSTALLATION AND LOCATION VARIOUS LOCATIONS	COMMAND: HQ USAF WASHINGTON, DC	5. AREA CONST COST INDEX

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 Sep 06										
END FY 2011										

7. INVENTORY DATA ($000)

Total Acreage:		
Inventory Total as of : (30 Sep 04)		0
Authorization Not Yet in Inventory:		0
Authorization Requested in this Program:		51,587
Authorization Included in the Following Program:	(FY2009)	69,828
Planned in Next Four Year Program:		318,000
Remaining Deficiency:		0
Grand Total:		439,415

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY2008)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
010-211	Planning and Design		51,587		
		Total	51,587		

9a. FUTURE PROJECTS: Included in the Following Program: (FY2009)

010-211	Planning and Design		69,828
		Total	69,828

9b. FUTURE PROJECTS: Typical Planned Next Four Years:

010-211	Planning and Design		75,000
010-211	Planning and Design		78,000
010-211	Planning and Design		80,000
010-211	Planning and Design		85,000
		Total	318,000

9c. REAL PROPERTY MAINTENANCE BACKLOG THIS INSTALLATION

11. OUTSTANDING POLLUTION AND SAFETY (OSHA DEFICIENCIES):

a. Air pollution

b. Water Pollution

c. Occupational Safety and Health

d. Other Environmental

DD Form 1390, 24 Jul 00

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HQ USAF, DISTRICT OF COLUMBIA	PLANNING AND DESIGN

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
91211	102-11	PAYZ080002	51,587

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				51,587
PLANNING AND DESIGN	LS			(51,587)
SUPPORTING FACILITIES				0
SUBTOTAL				51,587
TOTAL CONTRACT COST				51,587
TOTAL REQUEST				51,587
TOTAL REQUEST (ROUNDED)				51,587

10. Description of Proposed Construction:

11. Requirement: Adequate: Substandard:

PROJECT: As required.

REQUIREMENT: These planning and design funds are required to complete the design of facilities in the FY09 Military Construction Program, initiate design of facilities in the FY10 Military Construction Program and accomplish planning and design for major and complex technical projects with long lead-time to be included in subsequent Military Construction programs. Also provide funds for value engineering and for the support of design and construction management of projects that are funded by foreign governments and for design of classified and special programs. In addition, these funds are also used for developing Tri-Services Cost Estimating Guide and Unified Facilities Criteria.

1. COMPONENT AIR FORCE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE
INSTALLATION AND LOCATION VARIOUS LOCATIONS	COMMAND: HQ USAF WASHINGTON, DC	5. AREA CONST COST INDEX

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 Sep 06										
END FY 2011										

7. INVENTORY DATA ($000)

Total Acreage:		
Inventory Total as of : (30 Sep 06)		0
Authorization Not Yet in Inventory:		0
Authorization Requested in this Program:		15,000
Authorization Included in the Following Program:	(FY2008)	15,000
Planned in Next Four Year Program:		100,000
Remaining Deficiency:		0
Grand Total:		130,000

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY2008)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
010-211	Unspecified Minor Construction		15,000		
		Total	15,000		

9a. FUTURE PROJECTS: Included in the Following Program: (FY2009)

010-211	Unspecified Minor Construction		15,000
		Total	15,000

9b. FUTURE PROJECTS: Typical Planned Next Four Years:

010-211	Unspecified Minor Construction		24,000
010-211	Unspecified Minor Construction		24,000
010-211	Unspecified Minor Construction		26,000
010-211	Unspecified Minor Construction		26,000
		Total	100,000

9c. REAL PROPERTY MAINTENANCE BACKLOG THIS INSTALLATION

11. OUTSTANDING POLLUTION AND SAFETY (OSHA DEFICIENCIES):

a. Air pollution

b. Water Pollution

c. Occupational Safety and Health

d. Other Environmental

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1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HQ USAF, DISTRICT OF COLUMBIA	UNSPECIFIED MINOR CONSTRUCTION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
91211	102-11	PAYZ080003	15,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				15,000
PLANNING AND DESIGN	LS			(15,000)
SUPPORTING FACILITIES				0
SUBTOTAL				15,000
TOTAL CONTRACT COST				15,000
TOTAL REQUEST				15,000
TOTAL REQUEST (ROUNDED)				15,000

10. Description of Proposed Construction:

11. Requirement: Adequate: Substandard:

PROJECT: As required.

REQUIREMENT: Minor construction projects authorized by 10 U.S. Code 2805 are military construction projects with an estimated funded cost between $750,000 and $1,500,000; however, projects with an estimated funded cost of $1,500,000 to $3,000,000 may be funded under this authority when specifically planned to correct a life, health or safety deficiency. This package provides a means of accomplishing urgent projects that are not identified but which are anticipated to arise during FY08. Included would be projects to support new mission requirements, support of new equipment and concepts, and other essential support to Air Force missions and functions that could not wait until availability of FY08 Military Construction Program funds. This will also allow the Air Force to take advantage of new Congressional language, such as that authorizing construction of child development centers.