Department of the Air Force

Military Construction and Family Housing Program

Fiscal Year (FY) 2004/FY 2005 Biennial Budget Estimates

Justification Data Submitted to Congress
February 2003

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Family Housing

PROGRAM SUMMARY

Department of the Air Force
Military Construction and Military Family Housing
Program Summary
Fiscal Year 2004

	Appropriation Request ($000s) (Sec2301)	Authorization Request ($000s) (Sec2304)
Military Construction		
Inside the United States	515,263	524,263
Outside the United States	171,159	171,159
Planning and Design (10 USC 2807)	74,345	74,645
Unspecified Minor Construction (10 USC 2805)	12,000	12,000
Total Military Construction	$ 772,767	$ 782,067
Military Family Housing *	(Sec 2302/2303)	(Sec2304)
New Construction	417,136	417,136
Improvements *	244,998	244,998
Planning and Design	33,488	33,488
* An additional $4.0M will be funded with FY02 Inflation Savings.		
Subtotal*	$ 695,622	$ 695,622
Operations, Utilities and Maintenance	669,987	669,987
Leasing	119,908	119,908
Privatization	44,536	44,536
Debt Payment	37	37
Subtotal	$ 834,468	$ 834,468
Total Military Family Housing	1,530,090	1,530,090
Grand Total Air Force	$ 2,302,857	$ 2,312,157

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MILITARY CONSTRUCTION

STATE SUMMARY

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MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2004
(DOLLARS IN THOUSANDS)
INSIDE THE US

STATE/COUNTRY	INSTALLATION	PROJECT	APPROP REQUEST	AUTH REQUEST	PAGE
ALABAMA	Maxwell	SOC Dormitory, Phase 3	13,400	13,400	
		Maxwell TOTAL:	13,400	13,400	
		ALABAMA TOTAL:	13,400	13,400	
ALASKA	Eielson	Repair/Expand Enroute Ramp	19,060	19,143	
		Dormitory (96 Rm)	13,914	14,118	
		Eielson TOTAL:	32,914	33,261	
	Elmendorf	Maintenance Facility	2,000	2,000	
		Elmendorf TOTAL:	2,000	2,000	
		ALASKA TOTAL:	34,974	35,261	
ARIZONA	Davis-Monthan	CSAR HH-60 Squadron Operations/AMU	6,004	6,042	
		CSAR Mission Ready Supply Parts Warehouse	1,906	1,945	
		CSAR C-130 Apron/Shoulders	1,954	2,075	
		Davis-Monthan TOTAL:	9,864	10,062	
		ARIZONA TOTAL:	9,864	10,062	
ARKANSAS	Little Rock	C-130 Operations Training Facility	2,478	2,528	
		C-13OJ Add/Alter Hangar 280	1,144	1,167	
		Little Rock TOTAL:	3,622	3,695	
		ARKANSAS TOTAL:	3,622	3.695	
CALIFORNIA	Beale	Global Hawk Upgrade Docks	8,958	9,139	
		Global Hawk Dormitory (96 RM)	13,342	13.611	
		Beale TOTAL:	22,300	22,758	
	Edwards	Addition/Renovate JSF Complex, Phase I	19,060	19,444	
		Edwards TOTAL:	19,060	19,444	
		CALIFORNIA TOTAL:	41,360	42,194	
COLORADO	Buckley	Upgrade Base Infrastructure, PH III	6,957	7,019	
		Buckley TOTAL:	6,957	7,019	
		COLORADO TOTAL:	6,957	7,019	
DISTRICT OF COLUMBIA	Bolling	AF Central Adjudication Facility	9,300	9,300	
		Bolling TOTAL:	9300	9300	
		DISTRICT OF COLUMBIA TOTAL:	9,300	9,300	
FLORIDA	Hurlburt Field	Special Tactics Advance Skills Trng Facility	7,800	7,800	
		Hurlburt Field TOTAL:	7,800	7,800	
	Tyndall	F-22 Parking Apron/Runway Extension	6,195	6,320	
		Tyndall TOTAL:	6,195	6,320	
		FLORIDA TOTAL:	13,995	14,120	
GEORGIA	Robins	J-Stars Flight Simulator Facility	2,954	3,014	
		Corrosion Control Paint Facility	25,731	26,250	
		Robins TOTAL:	28,685	29,264	
		GEORGIA TOTAL:	28,685	29,264	

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MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2004

(DOLLARS IN THOUSANDS)

INSIDE THE US

STATE/COUNTRY	INSTALLATION	PROJECT	APPROP REQUEST	AUTH REQUEST	PAGE
HAWAII	**Hickam**	Expand Strategic Airlift Ramp	10,102	10,383	
		C-17 Flight Simulator Facility	5,623	5,736	
		C-17 Squadron Operations	10,674	10,826	
		C-17 Corrosion Control/Maintenance Facility	30,400	30,462	
		C-17 Support Utilities, Phase 1	4,098	4,482	
		C-17 Consolidated Maintenance Complex	7,529	8,142	
		C-17 **Kuntz** Gate **&** Road	3,050	3,265	
		Hickam TOTAL:	71,416	73,296	
		HAWAII TOTAL:	71,476	73,296	
IDAHO	Mountain Home	Add to and Alter Fitness Center	**5,337**	5,445	
		Mountain Home TOTAL:	**5,337**	5,445	
		IDAHO TOTAL:	5337	5,445	
ILLINOIS	**Scott**	Construct Shiloh Gate	1,900	**1,900**	
		Scott TOTAL:	1,900	1,908	
		ILLINOIS TOTAL:	1,900	**1,900**	
NEW JERSEY	**McGuire**	C-17 Roads **&** Utilities	4,165	4,903	
		C-17 Maintenance Training Device Facility	6,862	6,958	
		McGuire TOTAL:	11,627	11,861	
		NEW JERSEY TOTAL:	11,627	11,861	
NEW MEXICO	**Kirtland**	Arsenic Treatment Systems	6,957	7,097	
		Kirtland TOTAL:	6,957	7,097	
	Tularosa	Upgrade Radar Test Facility	3,600	3,600	
		Tularosa TOTAL:	3,600	**3,600**	
		NEW MEXICO TOTAL:	10,557	10,697	
NORTH CAROLINA	**Pope**	**C-130J-30** Ramp Upgrade	1,239	1,264	
		C-130J-30 Tech Training Facility	4,431	4,520	
		C-130J-30 Upgrade Hangar 6	2,716	2,771	
		C-130J-30 2-Bay Hangar	15,629	15,944	
		Pope TOTAL:	24,015	24,499	
	Seymour-Johnson	Dormitories (144 Rm)	9,530	9,722	
		Boundary Fence	1,500	**1,500**	
		Seymour-Johnson TOTAL:	11,030	11,222	
		NORTH CAROLINA TOTAL:	35,045	35,721	
NORTH DAKOTA	Minot	**ADAL** Missile Maintenance Vehicle Facility	3,050	3,190	
		Minot TOTAL:	3,050	3,190	
		NORTH DAKOTA TOTAL:	3,050	3,190	
OHIO	Wright-Patterson	Dormitory (144 RM)	10,500	10,500	
		Wright-Patterson TOTAL:	10,500	**10,500**	
		OH10 TOTAL:	10,500	10,500	

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MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2004
(DOLLARS IN THOUSANDS)
INSIDE THE US

STATE/COUNTRY	INSTALLATION	PROJECT	APPROP REQUEST	AUTH REQUEST	PAGE
OKLAHOMA	Altus	C-17 Modify Simulator Bays	1,144	1,167	
		Altus TOTAL:	1,144	1,167	
	Tinker	Building 3001 Revitalization, Phase I	19,060	19,444	
		Tinker TOTAL:	19,060	19,444	
		OKLAHOMA TOTAL:	20,204	20,611	
SOUTH CAROLINA	Charleston	Dormitory (144 Rm)	8,863	9,042	
		Charleston TOTAL:	8,863	9,042	
		SOUTH CAROLINA TOTAL:	8,863	9.042	
TEXAS	**Goodfellow**	Fire Training Classroom Facility	1,863	1,863	
		Student Dormitory (200 Rm)	18,107	18,472	
		Goodfellow TOTAL:	19,970	20,335	
	Lackland	Student Dormitory (200 Rm)	20,966	21,389	
		Student Dormitory (300 Rm)	35,260	35,971	
		Lackland TOTAL:	56,226	57,360	
	Sheppard	Student Dormitory (300 **Rm)**	28,590	29,167	
		Sheppard TOTAL:	28,590	29,167	
		TEXAS TOTAL:	104,786	186,862	
UTAH	Hill	Small Diameter Bomb Storage Igloos	1,811	1,848	
		Replace Munitions Storage Igloos	13,000	**13,000**	
		Munitions Maintenance Facility	1,000	**1,000**	
		Hill TOTAL:	15,811	15,848	
		UTAH TOTAL:	15,811	15,848	
VIRGINIA	Langley	F-22 Squadron **Operations/AMU/Hangar**	20,013	20,418	
		F-22 Vertical Wing Tank Storage	2,573	2,625	
		F-22 Clear Water Rinse Pad	2,383	2,431	
		Langley TOTAL:	24,969	25,414	
		VIRGINIA TOTAL:	24,969	25,474	
CLASSIFIED LOCATIONS	Various Stateside	Predator Squadron **Operations/AMU/Hangar**	25,731	26,251	
		Classified **MILCON** Project	3,250	3,258	
		VARIOUS STATESIDE CLASSIFIED TOTAL:	28,981	29,581	
		INSIDE THE US TOTAL:	515,263	524,263	

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MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2004
(DOLLARS IN THOUSANDS)
OUTSIDE THE U.S.

STATE/COUNTRY	INSTALLATION	PROJECT	APPROP REQUEST	AUTH REQUEST	PAGE
AZORES	Lajes Field	Add to and Alter Fitness Center	4,086	4,086	
		Lajes Field TOTAL:	4,086	4,086	
		AZORES TOTAL:	4,086	4,086	
GERMANY	Ramstein	Consolidated 1st Combat Communication Squadron Complex, Ph 2	19,713	19,713	
		Fitness Center Annex	15,903	15.903	
		Ramstein TOTAL:	35,616	35,616	
	Spangdablem	Fire Station Annex And Training Facility	3,865	3,865	
		Passenger Terminal	1,546	1,546	
		Fitness Center	17,117	17,117	
		South Gate	2,800	2,800	
		Spangdahlem TOTAL:	25,328	25,328	
		GERMANY TOTAL:	60,944	60,944	
ITALY	Aviano	Munitions Admin Facility	5,301	5501	
		Zulu Arm/Dearm Pad	994	994	
		Airfield Obstruction - South Ramp	7,730	7,730	
		Aviano TOTAL:	14,025	14,025	
		ITALY TOTAL:	14,025	14,025	
KOREA	Kunsan	Upgrade Hardened Aircraft Shelters	7,059	7,059	
		Kunsan TOTAL:	7,059	7,059	
	Osan	Dormitory (156 Rm)	16,638	16,638	
		Osan TOTAL:	16,638	16,638	
		KOREA TOTAL:	23,697	23,697	
TURKEY	Incirlik	Consolidated Communications Facility	3,262	3,262	
		Incirlik TOTAL:	3,262	3,262	
		TURKEY TOTAL:	3,262	3,262	
UNITED KINGDOM	Lakenheath	Family Support Center	5,878	5,878	
		Communications Facility	8,436	8,436	
		Add/Alter Crash Fire Station	2,667	2,667	
		Dormitory (120 Rm)	13,606	13,606	
		Lakenheath TOTAL:	30,587	30,587	
	Mildenhall	Vehicle Maintenance Complex	3,320	3,320	
		Post Office	3,592	3,592	
		Child Development Center Annex	3,646	3,646	
		Mildenhall TOTAL:	10,558	10,558	
		UNITED KINGDOM TOTAL:	41,145	41,145	
WAKE ISLAND	Wake Island	Upgrade Island-Wide Infrastructure, Phase 1	10,000	10,000	
		Repair Airfield Pavement, Phase 3	14,000	14,000	
		Wake Island TOTAL:	24,000	24,000	
		WAKE ISLAND TOTAL:	24,000	24,000	
		OUTSIDE THE US TOTAL:	171,159	171,159	

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MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2004
(DOLLARS IN THOUSANDS)
WORLDWIDE

STATE/COUNTRY	INSTALLATION	PROJECT	APPROP REQUEST	AUTH REQUEST	PAGE
VARIOUS LOCATIONS	Various	P&D Active	74,345	74,345	
		P-341 Active	12,000	12,000	
		VARIOUS TOTAL:	86,345	86,345	
		INSIDE THE US TOTAL:	515,263	524,263	
		OUTSIDE THE US TOTAL:	171,159	171,159	
		FY 2004 TOTAL:	772,767	781,767	

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NEW MISSION/CURRENT MISSION

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. Planning and design and unspecified minor construction (P-341) are also included in this category.

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.

FY04	APPROP ($000)	AUTH FOR APPROP ($000)
NEW MISSION	$271,344	$276,749
CURRENT MISSION	$415,078	$418,673
PLANNING & DESIGN	$74,345	$74,345
MINOR CONSTRUCTION	$12,000	$12,000
TOTAL:	$772,767	$781,767

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2004
(DOLLARS IN THOUSANDS)
CURRENT MISSION/NEW MISSION BREAKOUT

STATE/COUNTRY	INSTALLATION	PROJECT	APPROP REQUEST	AUTH REQUEST	TYPE
ALABAMA	Maxwell	SOC Dormitory, Phase 3	13,400	13,400	CM
ALASKA	Eielson	Repair/Expand Enroute Ramp	19,060	19,143	CM
DISTRICT OF COLUMBIA	Bolling	AF Central Adjudication Facility	9,300	9,300	CM
FLORIDA	Hurlburt Field	Special Tactics Advance Skills Trng Facility	7,800	7,800	CM
GEORGIA	Robins	Corrosion Control Paint Facility	25,731	26,250	CM
HAWAII	Hickam	Expand Strategic Airlift Ramp	10,102	10,383	CM
ILLINOIS	Scott	Construct Shiloh Gate	1,900	1,900	CM
NEW MEXICO	Tularosa	Upgrade Radar Test Facility	3,600	3,600	CM
NORTH CAROLINA	Seymour-Johnson	Boundary Fence	1,500	1,500	CM
NORTH DAKOTA	Minot	ADAL Missile Maintenance Vehicle Facility	3,050	3,190	CM
OKLAHOMA	Tinker	Building 3001 Revitalization, Phase I	19,060	19,444	CM
TEXAS	Goodfellow	Fire Training Classroom Facility	1,863	1,863	CM
UTAH	Hill	Replace Munitions Storage Igloos	13,000	13,000	CM
GERMANY	Ramstein	Consolidated 1st Combat Communication Squadron Complex, Ph 2	19,713	19,713	CM
ITALY	Aviano	Munitions Admin Facility	5,301	5,301	CM
ITALY	Aviano	Zulu Arm/Dearm Pad	994	994	CM
ITALY	Aviano	Airfield Obstruction-South Ramp	7,730	7,730	CM
KOREA	Kunsan	Upgrade Hardened Aircraft Shelters	7,059	7,059	CM
TURKEY	Incirlik	Consolidated Communications Facility	3,262	3,262	CM
UNITED KINGDOM	Lakenheath	Family Support Center	5,878	5,878	CM
UNITED KINGDOM	Lakenheath	Communications Facility	8,436	8,436	CM
UNITED KINGDOM	Lakenheath	Add/Alter Crash Fire Station	2,667	2,667	CM
UNITED KINGDOM	Mildenhall	Replace Special Purpose Vehicle Maintenance Complex	3,320	3,320	CM
UNITED KINGDOM	Mildenhall	Post Office	3,592	3,592	CM
UNITED KINGDOM	Mildenhall	Child Development Center Annex	3,646	3,646	CM
WAKE ISLAND	Wake Island	Upgrade Island-Wide Infrastructure, Phase I	10,000	10,000	CM
WAKE ISLAND	Wake Island	Repair Airfield Pavement, Phase 3	14,000	14,000	CM
ALASKA	Eielson	Dormitory (96 Rm)	13,914	14,118	CMD
OHIO	Wright-Patterson	Dormitory (144 RM)	10,500	10,500	CMD
TEXAS	Goodfellow	Student Dormitory (200 Rm)	18,107	18,472	CMD
TEXAS	Lackland	Student Dormitory (200 Rm)	20,966	21,389	CMD
TEXAS	Sheppard	Student Dormitory (300 Rm)	28,590	29,167	CMD
UNITED KINGDOM	Lakenheath	Dormitory (120 Rm)	13,606	13,606	CMD
IDAHO	Mountain Home	Add to and Alter Fitness Center	5,337	5,445	CMQ
NORTH CAROLINA	Seymour-Johnson	Dormitories (144 Rm)	9,530	9,722	CMQ
SOUTH CAROLINA	Charleston	Dormitory (144 Rm)	8,863	9,042	CMQ
AZORES	Lajes Field	Add to and Alter Fitness Center	4,086	4,086	CMQ
GERMANY	Ramstein	Fitness Center Annex	15,903	15,903	CMQ
GERMANY	Spangdahlem	Fitness Center	17,117	17,117	CMQ
KOREA	Osan	Dormitory (156 Rm)	16,638	16,638	CMQ
NEW MEXICO	Kirtland	Arsenic Treatment Systems	6,957	7,097	ENV
		Current Mission Total:	415,078	418,673	
ALASKA	Elmendorf	Maintenance Facility	2,000	2,000	NM
ARIZONA	Davis-Monthan	CSAR HH-60 Squadron Operations/AMU	6,004	6,042	NM
ARIZONA	Davis-Monthan	CSAR Mission Ready Supply Parts Warehouse	1,906	1,945	NM
ARIZONA	Davis-Monthan	CSAR C-130 Apron/Shoulders	1,954	2,075	NM
ARKANSAS	Little Rock	C-130 Operations Training Facility	2,478	2,528	NM
ARKANSAS	Little Rock	C-130J Add/Alter Hangar 280	1,144	1,167	NM
CALIFORNIA	Beale	Global Hawk Upgrade Docks	8,958	9,139	NM
CALIFORNIA	Beale	Global Hawk Dormitory (96 RM)	13,342	13,611	NM
CALIFORNIA	Edwards	Addition/Renovate JSF Complex, Phase I	19,060	19,444	NM
COLORADO	Buckley	Upgrade Base Infrastructure, PH III	6,957	7,019	NM
FLORIDA	Tyndall	F-22 Parking Apron/Runway Extension	6,195	6,320	NM
GEORGIA	Robins	J-Stars Flight Simulator Facility	2,954	3,014	NM
HAWAII	Hickam	C-17 Flight Simulator Facility	5,623	5,736	NM
HAWAII	Hickam	C-17 Squadron Operations	10,674	10,826	NM
HAWAII	Hickam	C-17 Corrosion Control/Maintenance Facility	30,400	30,462	NM
HAWAII	Hickam	C-17 Support Utilities, Phase 1	4,098	4,482	NM
HAWAII	Hickam	C-17 Consolidated Maintenance Complex	7,529	8,142	NM
HAWAII	Hickam	C-17 Gate & Raod	3,050	3,265	NM
NEW JERSEY	McGuire	C-17 Roads & Utilities	4,765	4,903	NM
NEW JERSEY	McGuire	C-17 Maintenance Training Device Facility	6,862	6,958	NM

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2004
(DOLLARS IN THOUSANDS)
CURRENT MISSION/NEW MISSION BREAKOUT

STATE/COUNTRY	INSTALLATION	PROJECT	APPROP REQUEST	AUTH REQUEST	TYPE
NORTH CAROLINA	Pope	C-130J-30 Ramp Upgrade	1,239	1,264	NM
NORTH CAROLINA	Pope	C-130J-30 Tech Training Facility	4,431	4,520	NM
NORTH CAROLINA	Pope	C-130J-30 Upgrade Hangar 6	2,716	2,771	NM
NORTH CAROLINA	Pope	C-130J-30 I-Bay Hangar	15,629	15,944	SM
OKLAHOMA	Altus	C-17 Modify Simulator Bays	1,144	1,167	NM
TEXAS	Lackiand	Student Dormitory (300 Rm)	35,260	35,971	NM
UTAH	Hill	Small Diameter Bomb Storage Igloos	1,811	1,848	NM
UTAH	Hill	Munitions Maintenance Facility	1,880	1,000	NM
VIRGINIA	Langley	F-22 Squadron Operations/AMU/Hangar	20,013	20,418	NM
VIRGINIA	Langley	F-22 Vertical Wing Tank Storage	2,573	2,625	NM
VIRGINIA	Langley	F-22 Clear Water Rinse Pad	2,383	2,431	NM
CLASSIFIED LOCATIONS	Various Stateside	Predator Squadron Operations/AMU/Hangar	25,731	26,251	NM
CLASSIFIED LOCATIONS	Various Stateside	Classified MILCON Project	3,250	3,258	NM
GERMANY	Spangdahlem	Fire Station Annex And Training Facility	3,865	3,865	NM
GERMANY	Spangdahlem	Passenger Terminal	1,546	1,546	NM
GERMANY	Spangdahlem	South Gate	2,808	2,800	NM
		New Mission Total:	271,344	276,749	
VARIOUS LOCATIONS	Various	P-341 Active	12,880	12,000	P341
VARIOUS LOCATIONS	Various	P&D Active	7434s	74345	PLN
		Central Program Total:	86,345	86,345	
		Total Active AF Program:	772,767	781,767	

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INSTALLATIONS

MILITARY CONSTRUCTION PROGRAM
FISCAL YEAR 2004 PRESIDENT'S BUDGET
INSTALLATION INDEX

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SPECIAL PROGRAM CONSIDERATIONS

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM
FISCAL YEAR 2004

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. Life cycle economic analyses or justifications why an economic analysis was not warranted will be submitted directly to the OSD staff at their request.

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 2004 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.

ENVIRONMENTAL COMPLIANCE

The FY04 MILCON request includes $6.957 million for requirements necessary to correct current environmental noncompliance situations and to prevent future noncompliance. The environmental compliance target area for this program is for Arsenic Treatment Systems.

N 2004

CONGRESSIONAL REPORTING REQUIREMENTS

1. STATEMENTS ON NATO ELIGIBILITY

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

3. NEW AND CURRENT MISSION ACTIVITIES

The N 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 N 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 NO4 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 NO4 projects requested.

5. REAL PROPERTY MAINTENANCE

The N 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 N 1999 House Appropriation Committee Report, 105-578, page 11, requested the Department to ensure that any Form 13900391, 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.

N 2004

NON-MILCON FUNDING

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

N 2004

THIRD PARTY FINANCING

Test of long-term facilities contracts	**NONE**

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APPROPRIATION LANGUAGE

APPROPRIATIONS LANGUAGE

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 $772,767,000 to remain available until September 30, 2008: Provided that, of this amount, not to exceed $74,345,000 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.

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BUDGET DATA

INSIDE THE UNITED STATES

1. COMPONENT AIR FORCE	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
MAXWELL AIR FORCE BASE, ALABAMA	AIR EDUCATION AND TRAINING COMMAND	0.83

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 02	959	1089	2122	600	1	0	1092	46	112	6,021
END FY 2007	965	1109	2131	723	1	0	1092	46	112	6,179

7. INVENTORY DATA ($000)

a. Total Acreage:	3,497	
b. Inventory Total as of : (30 Sep 02)		1,063,505
c. Authorization Not Yet in Inventory:		37,840
d. Authorization Requested in this Program:		13,400
e. Authorization included in the Following Program: (FY 2005)		0
f. Planned in Next Four Years Program:		34,600
g. Remaining Deficiency:		15,000
h. Grand Total:		1,164,345

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2004)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
724-417	SOC Dormitory, Phase 3	162 RM	13,400	Apr-02	Sep-03
		Total	13,400		

9a. Future Projects: Included in the Following Program: (FY2005)

None

9b. Future Projects: Typical Planned Next Four Years: None

171-356	ADAL AU Library	12,230 SM	13,000
724-417	SOC Lodging Facility, Phase 4	7,700 SM	13,600
740-674	Gunter Fitness Center	4,626 SM	8,000

9c. Real Property Maintenance Backlog This Installation 36

IO. Mission or Major Functions: Home to Headquarters Air University including Air War Collage, air Command and Staff College, Squadron Officer School, College of Aerospace Doctrine research and Education, Ira C. Eaker College for Professional Development, Air Force Officer Accession and Training School, and Community College of the Air Force; Headquarters Civil Air Patrol; Headquarters Air Force ROTC; an air base wing; an AMC airlift flight, and an Air Force Reserve airlift wing.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution	25
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 24 Jul 00

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCR	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MAXWELL AIR FORCE BASE, ALABAMA	SQUADRON OFFICER COLLEGE DORMITORY, PH 3

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85796	724-417	PNQS033137	13,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
SQUADRON OFFICER COLLEGE DORMITORY, PH 3	LS			8,889
DORMITORY (162 RM)	SM	7,700	1,124	(6,655)
ANTI-TERRORISM FORCE PROTRCTION	LS			(234)
SUPPORTING FACILITIES				3,150
UTILITIES	LS			(900)
PAVEMENTS	LS			(650)
SITE IMPROVEMENTS	LS			(350)
COMMUNICATIONS	LS			(150)
CENTRAL CHILLER PLANT	LS			(950)
ELEVATOR	LS			(150)
SUBTOTAL				12,039
CONTINGENCY (5.0 %)				602
TOTAL CONTRACT COST				12,641
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				721
TOTAL REQUEST				13,361
TOTAL REQUEST (ROUNDED)				13,400

10. Description of Proposed Construction: A five-story dormitory constructed with reinforced concrete foundation and floor slabs, structural steel frame, masonry walls and sloped roof. Project includes roan-bath modules, laundries, storage and lounge areas, site improvements, installation of 800 ton chiller, extended utilities and all necessary support. Comply with DoD interim minimum force protection construction standards.

Air Conditioning: 220 KW. Grade Mix: 03-010 162

11. REQUIREMENT: 7,852 SM ADEQUATE: 152 SM SUBSTANDARD: 550 SM

PROJECT: Squadron Officer School dormitory, phase III. (Current Mission)

REQUIREMENT: Adequate living quarters to accomodate students (company grade officers and civilians), that attend the S-week courses that are offered at the Squadron Officer College (SOC). Properly sized and configured quarters are required to support training of students. A major Air Force objective provides housing conducive to their proper rest, relaxation and personal well-being while providing a suitable study environment. Properly designed quarters providing some degree of individual privacy are essential for successful training. This is the third of an eight-phase program. The installation of a new 800 ton chiller will provide enough support for the project through the next five phases.

CURRENT SITUATION: Existing dormitories were constructed in 1956. They have received only minor upgrades over the years. In addition to SOC, Maxwell has stood-up the new Aerospace Basic Course (ARC). This course is designed to initiate new officers and civilian employees to the Air Force. The addition of ARC has increased the demand for

1. COMPONENT AIR FORCE	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION MAXWELL AIR FORCE BASE, ALABAMA	4. PROJECT TITLE SQUADRON OFFICER COLLEGE DORMITORY, PH 3	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85796	724-417	PNQS033137	13,400

adequate dormitory space on Maxwell campus, and adequate off-base quarters are not mailable. The local community cannot provide the number of rooms required to effectively operate the two courses. Additional space is required. There is currently insufficient chilled Water capacity for the new dorms.

IMPACT IF NOT PROVIDED: Maxwell AFB will he unable to meet the requirements for housing SOC and ABC students. This will adversely affect the overall educational mission and negatively impact morale and retention.

ADDITIONAL: An economic analysis has been prepared comparing alternatives of new construction, revitalization, leasing and status quo operation. Based on the present value and benefits of the respective alternatives, new construction Was found to be the Post-effective over the life of the project. This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements."
Base Civil Engineer: Lt Col William T. Caesidy (334) 953-6945. Squadron Officer School Dormitory: 7,700 SM . 82,850 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 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MAXWELL AIR FORCE BASE, ALABAMA	SQUADRON OFFICER COLLEGE DORWITORY, PH 3

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
65796	724-417	PWQso33137	13,400

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	02-m-02
(b) Parametric Cost Estimates used to develop costs	YES
• (c) Percent Complete as of 01 JAN 2003	15%
* (d) Date 35% Designed	15-SEP-02
(e) Date Design Complete	20-SEP-03
(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	536
(b) All Other Design Costs	335
(c) Total	671
(d) Contract	737
(e) In-house	134
(4) Construction Contract Award	03 DEC
(5) Construction Start	04 JAN
(6) Construction Completion	05 AUG

* 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 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
EIELSON AIR FORCE BASE ALASKA	PACIFIC AIR FORCES	2.02

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 02	258	2,812	417	54	113	32	0	0	542	4,228
END FY 2007	258	2,819	415	54	113	32	0	0	542	4,233

7. INVENTORY DATA ($000)

a. Total Acreage	19,790	
b. Inventory Total as of : (30 Sep 02)		2,592,097
c. Authorization Not Yet in Inventory:		41,000
d. Authorization Requested in this Program:		32,974
e. Authorization Included in the Following Program:	(FY 2005)	0
f. Planned in Next Four Years Program:		92,900
g. Remaining Deficiency:		272,865
h. Grand Total:		3,031,836

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2004)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
113-321	Repair/Expand Enroute Ramp	207,700 SM	19,060	Apr-02	Aug-03
721-312	Dormitory	96 RM	13,914	Apr-02	Sep-03
		Total	32,974		

9a. Future Projects: Included in the Following Program: (FY2005)

None

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

141-165	Replace Explosive Ordnance Disposal Shop	345 SM	6,000
171-212	F-16 Mission Training Center	1,224 SM	3,600
215-582	Munitions Surveillance & Inspection Facility	558 SM	4,700
218-712	Construct Aircraft Support Facility	2,100 SM	8,200
61 O-835	Consolidate Security Forces Complex	3,400 SM	14,900
721-312	Dormitory	96 RM	13,800
736-771	Replace Chapel Center	1,450 SM	7,000
870-I 85	Construct Loop Heat Plant	115 SM	12,000
870-I 85	Repair Arctic Utilidors, Ph 4	LS	9,900
872-247	Security Fence & Base Access Inspect. Fac, AT/FP	LS	5,000
901-835	Relocate Main Gate & Intersection	LS	7,800
			92,900

9c. Real Propery Maintenance Backlog This Installation 98

10. Mission or Major Functions: The host fighter wing supports an F-I 6 squadron, an A/0A-10 squadron, and a training squadron which conducts COPE THUNDER exercises. The installation also hosts an Air National Guard air refueling squadron (KC-135) and a training group which conducts arctic survival training.

1. COMPONENT AIR FORCE	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE
3. INSTALLATION AND LOCATION EIELSON AIR FORCE BASE ALASKA	4. COMMAND: PACIFIC AIR FORCES	5. AREA CONST COST INDEX 2.02

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 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EIELSON AIR FORCE BASE, ALASKA	REPAIR/EXPAND ENROUTE RAMP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	113-321	FTQW013007	Auth: 19,143 Approp: 19,060

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
EXPAND/REPAIR AIRCRAFT PARKING RAMP	SM	207,700	65	16,621
ASPHALT	SM	171,500	58	(9,947)
CONCRETE HARDSTANDS	SM	36,200	90	(3,258)
TAXIWAY ECHO	SM	56,000	61	(3,416)
SUPPORTING FACILITIES				499
DEMOLITION	SM	300	175	(53)
SECURITY LIGHTING	LS			(446)
SUBTOTAL				17,120
CONTINGENCY (5.0 %)				856
TOTAL CONTRACT COST				17,975
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)				1,168
TOTAL REQUEST				19,144
TOTAL REQUEST (ROUNDED)				19,143

10. Description of Proposed Construction: Repair an aircraft parking apron expansion between parking areas Golf/Hotel and Echo/Foxtrot. Install security lighting, taxiway edge lighting, stripe apron to match existing apron, and perform necessary repairs to the existing apron.

11. REQUIREMENT: LS ADEQUATE: LS SUBSTANDARD: LS

PROJECT: Expand and repair aircraft parking ramp. (Current Mission)

REQUIREMENT: Expand and repair airfield parking pavement. Additional required pavement will also support concurrent Defense Logistics Agency (DLA) FY04 MLCON project. DLA project will demolish 6, and construct 16 new aircraft hydrant outlets to support strategic mobility aircraft.

CURRENT SITUATION: A PACAF study conducted March 1997 determined that the number of hydrant refueling outlets and associated pavement at Eielson AFB was insufficient to support strategic mobility aircraft. The existing apron is too small and in poor condition with deteriorated asphalt that is a major Foreign Object Damage (FOD) risk. Existing pavement at Taxiway Echo is in a severely degraded condition. It is showing signs of surface and subsurface failure. This portion of pavement is a critical connection between the runway and the aircraft parking apron on the loop.

IMPACT IF NOT PROVIDED: Without this project's inclusion in the AF FY04 MILCON program, DLA will not have adequate ramp space to design and install mission critical refueling outlets. Eielson AFB's ability to support the 168th Air Refueling Wing and other wide-body aircraft during contingencies will be severely degraded and Eielson will not meet the Air Force's expectation of an 85% hydrant utilization rate. Strategic mobility operations will also be hindered.

ADDITIONAL: This project meets scope/criteria specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of options for satisfying this requirement indicates that only one option will meet mission needs. Therefore, a

1. COMPONENT AIR FORCE	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EIELSON AIR FORCE BASE, ALASKA	REPAIR/EXPAND ENROUTE RAMP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	113-321	FTQW013007	19,143

complete economic analysis was not performed. A certificate of exception has been prepared. New and repair pavement work will be done in conjunction with an associated DLA FY04 MILCON hydrant refueling system project. Base Civil Engineer: Lt Col Myers (907) 377-5213. Requirement conversion 207,700 SM = 2,234,852 SF.

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

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EIELSON AIR FORCE BASE, ALASKA	REPAIR/EXPAND ENROUTE RAMP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	113-321	FTQW013007	19,143

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Statue:

(a) Date Design Started	15-APR-02
(b) Parametric Cost Estimates used to develop costs	YES
• (c) Percent Complete as of 01 JAN 2003	15%
• (d) Date 35% Designed	30-SEP-02
(e) Date Design Complete	01-AUG-03
(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 Plane and Specifications	1,167
(b) All Other Design Costs	583
(c) Total	1,750
(d) Contract	1,550
(e) In-house	200

(4) Construction Contract Award	03 DEC
(5) Construction Start	04 JAN
(6) Construction Completion	05 DEC

• 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 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLX
XIXLSON AIR FORCE BASE, ALASKA	DORMITORY (96 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	721-312	FTQW033014	Auth: 14,118 Approp: 13,914

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
DORMITORY (96 RM)	LS			9,900
DORMITORY	SM	3,340	2,950	(9,853)
AXTITXRRORISY FORCE PROTXCTION	SM	3,340	14	(47)
SUPPORTING FACILITIES				2,726
UTILITIES	LS			(745)
PAVEMENTS	LS			(759)
SITE IMPROVEMENTS	LS			(510)
SOIL RXMXDIATION	LS			(212)
COMMUNICATIONS SUPPORT	LS			(355)
PASSIVX FORCE PROTECTION MEASURES	LS			(145)
SUBTOTAL				12,626
CONTINGENCY (5.0 %)				631
TOTAL CONTRACT COST				13,257
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)				862
TOTAL REQUEST				14,119
TOTAL REQUEST (ROUNDED)				14,118

10. Description of Proposed Construction: Multi-story structure, reinforced concrete foundation/floor slabs, masonry walls and roof. Includes room-bath/kitchen/room-bath modules, laundries, storage and lounge areas and all supporting facilities. Antiterrorism/force protection measures are baaed on a joint staff-directed installation vulnerability assessment.

11. REQUIREMENT: 719 RM ADEQUATE: 522 RM SUBSTANDARD: 197RM

I'ROJXCT: Construct a dormitory. (Current Mission)

REQUIREMENT: A major Air Force objective provides unaccompanied enlieted personnel with housing conducive to their proper reet, relaxation, and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the eucceesful accomplishment of the increasingly complicated and important jobs these people must perform. The retention of these highly trained airmen is essential to our readineee posture and continuing world-wide presence. Antiterrorism/force protection measures are based on a joint staff-directed installation vulnerability assessment.

CURRENT SITUATION: The baee has insufficient on-base housing to accommodate the unaccompanied enlisted personnel. This project is in accordance with the Air Force Dormitory Master Plan.

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.

ADDITIONAL: This project meets the scope/criteria specified in OSD's new uniform barracks size standard. All known alternatives were considered during the development

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EIELSON AIR FORCE BASE, ALASKA	DORMITORY (96 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
21596	721-312	FTQW033014	14,118

f this project. No other option could meet mission requirements. Therefore, no conomic analysis was needed or performed. FYOO Unaccompanied Housing RPM conducted: 425K; FY01 Unaccompanied Housing RPM conducted: $362K; Future Unaccompanied Housing RPM equirements (estimated): FY03: $2,650K; FY04: $3,150K; FY05: $3,300K. Base Civil ngineer: Lt Col Myers (907) 377-5213. Dormitory: 3,360 SM = 36,154 SF.

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

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EIELSON AIR FORCE BASE, ALASKA	DORMITORY (96 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	721-312	FTQW033014	14,118

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 365

(4) Construction Contract Award 03 DEC

(5) Construction Start 04 JAN

(6) Construction Completion 05 SEP

(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 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ELMENDORF AIR FORCE BASE, ALASKA	MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27240	211-111	FXSB053012	2,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
MAINTENANCE FACILITY	LS			2,000
SUPPORTING FACILITIES				0
SUBTOTAL				2,000
TOTAL CONTRACT COST				2,000
TOTAL REQUEST				2,000
TOTAL REQUEST (ROUNDED)				2,000

10. Description of Proposed Construction: Special access required

11. REQUIREMENT: LS ADEQUATE: LS SUBSTANDARD: LS

PROJECT: As Required

REQUIREMENT: Details under separate cover

CURRENT SITUATION: Special access required

IMPACT IF NOT PROVIDED: Special access required

FORM 1391, DEC 76 Previous editions are obsolete. Page No.

1. COMPONENT AIR FORCE	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE
3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE,' ARIZONA	4. COMMAND: AIR COMBAT COMMAND	5. AREA CONST COST INDEX 1.01

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 02	855	5078	1138	61	1461	11	3	26	489	7,80
END FY 2007	869	5081	11231	61	146	11	3	26	489	7,80

7. INVENTORY DATA ($000)

a. Total Acreage:	10,633	
b. Inventory Total as of : (30 Sep 02)		1,062,14
c. Authorization Not Yet in Inventory:		33,58
d. Authorization Requested in this Program:		9,86
e. Authorization Included in the Following Program:	(FY 2005)	19,47
f. Planned in Next Four Years Program:		59,50
g. Remaining Deficiency:		79,10
h. Grand Total:		1,263,66

B. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2004)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
113-321	CSAR C-I 30 Apron/Shoulders	11,585 SM	1,954	May-02	Sep-03
141-753	CSAR HH-W Squadron Operations/AMU	2,602 SM	6,004	May-02	Sep-03
442-756	CSAR Mission Ready Supply Parts	1,858 SM	1,906	May-02	Sep-03
		Total	9,864		

9a. Future Projects: Included in the Following Program: (FY2005)

116-662	Airfield Obstruction - Hazardous Cargo Pad	14,500 SM	4,243
141-454	CSAR C-1 36 Squadron Operations	2.500 SM	5,786
721-312	Dormitory (120 RM)	-120 RM	9,449
		Total	19,476

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

141-454	CSAR CRO Led Rescue Squad Ops	4,647 SM	8,600
141-753	EC-1 36 Squad Ops/AMU (41 ECS)	3,143 SM	7,000
211-175	CSAR C-136 Maintenance Hangar	2,695 SM	7,500
610-127	Base Ciil Engineer Facility	33OOSM	6,600
721-312	Dormitory (120 RM)	120 RM	9,166
731-142	Fire/Crash Rescue Station	3,500 SM	10,200
735-441	Education Center	5,184 SM	10,500

9c. Real Propery Maintenance Backlog This Installation: 55

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 Commands 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 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	CSAR RR-60 SQUADRON OPERATIONS/AMU

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27224	141-753	FBNV043004	Auth: 6,042 Approp: 6,004

9. COST ESTIMATES

ITEM	I/M	QUANTITY	UNIT	COST
CSAR HH-60 SQUADRON OPERATIONS/AMU	LS			4,090
SQUADRON OPERATIONS/AMU	SM	2,602	1,564	(4,070)
ANTITERRORISM FORCE PROTECTION	LS			(20)
SUPPORTING FACILITIES				1,356
UTILITIES	LS			(250)
PAVEMENTS	LS			(295)
SITE IMPROVEMENTS	LS			(135)
DEMOLITION BLDG 1613	LS			(123)
COMMUNICATIONS SUPPORT	LS			(153)
REPLACE BLDG 1613 NEW LOCATION	SM	613	653	(400)
SUBTOTAL				5,446
CONTINGENCY (5.0 %)				272
TOTAL CONTRACT COST				5,718
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				326
TOTAL REQUEST				6,044
TOTAL REQWST (ROUNDED)				6,042
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(749.0)

10. Description of Proposed Construction: Construction includes split-face block with reinforced concrete foundation and floor slab, structural steel frame, and standing seam metal roof. Fire detection/protection, utilities, site improvements, landscaping, access roads, parking and necessary support are included. Demolish one facility (613 SM) and replace in new location. Complies with minimum DoD force protection standards. Air Conditioning: 100 KW.

11. REQUIREMENT: 36,950 SM ADEQUATE: 22,486 SM SUBSTANDARD: 5,143 SM

PROJECT: Construct CSAR HE-60 squadron operations/AMU facility. (New Mission)

REQUIREMENT: The combat search and rescue (CSAR) RR-60 flight operations mission requires adequate space for planning, briefing, and supporting operations personnel. This mission also requires space to maintain life support and mobility equipment, crew rooms, and locker space. Force protection will comply with the DoD antiterrorism standards for buildings.

CURRENT SITUATION: Davis-Monthan does not have any excess or adequate facilities that can be converted to accommodate the new CSAR mission. CSAR HH-60 flight operations personnel will be working in temporary, inadequate facilities.

IMPACT IF NOT PROVIDED: Adequate facilities will not be available to perform essential HH-60 flight operations and mission planning functions forcing inadequate and high risk workarounds. The potential for significant degradation of mission performance and capabilities will be increased. In addition, due to the inadequate work environment, morale of Air Force personnel will be lowered resulting in less productivity.

ADDITIONAL:

1. COMPONENT AIR FORCE	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	4. PROJECT TITLE CSAR HH-60 SQUADRON OPERATIONS/AMU	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27224	141-753	FBNV043004	6,042

This project meets the criteria/scope specified in Air Force Handbook 32-.084, "Facility Requirements.. All known alternative options were considered during the levelopment of this project. No other option could meet the requirements, therefore, no ıconomic analysis was needed or performed. A certificate of exception has been ›repared. Civil Engineer: Lt Col Karl S. Bosworth, (520) 228-3401. Squadron)perations/AMU: 2,602 SM = 28,000 SF.

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

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DAVIS-MONTHAN AIR FORCE BABE, ARIZONA	CSAR RR-60 SQUADRON OPERATIONS/AMU

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27224	141-753	FBNV043004	6,042

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Statue:

(a) Date Design Started	25-MAY-02
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2003	15%
• (d) Date 35% Designed	15-AUG-02
(e) Date Design Complete	01-SEP-03
(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	368
(b) All Other Design Costs	184
(c) Total	552
(d) Contract	491
(e) In-house	61

(4) Construction Contract Award	04 JAN
(5) Construction Start	04 FEB
(6) Construction Completion	05 JUL

* 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 EQUIP/WIRING	3400	2004	749

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	CSAR MISSION READY SUPPLY PARTS WAREHOUSE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27224	442-758	FBNV043006	Auth: 1,945 Approp: 1,906

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
CSAR MISSION READY SUPPLY PARTS WAREHOUSE	LS			1,438
MRSP WAREHOUSE	SM	1,858	770	(1,431)
ANTITERRORISM FORCE PROTECTION	LS			(7)
SUPPORTING FACILITIES				314
UTILITIES	LS			(124)
PAVEMENTS	LS			(48)
SITE IMPROVEMENTS	LS			(13)
COMMUNICATIONS SUPPORT	LS			(130)
SUBTOTAL				1,752
CONTINGENCY (5.0 %)				88
TOTAL CONTRACT COST				1,840
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				105
TOTAL REQUEST				1,944
TOTAL REQUEST (ROUNDED)				1,945
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(148.0)

10. Description of Proposed Construction: Construction includes split-faced block, reinforced concrete foundation and floor slab, structural steel frame, and standing seam metal roof. Fire detection/protection, utilities, site improvements, landscaping, access roads, parking and necessary support are included. DoD antiterrorism construction standards are required.

11. REQUIREMENT: 15,784 SM ADEQUATE: 12,775 SM SUBSTANDARD: 2,973 SM

PROJECT: Construct CSAR mission ready spare parts warehouse. (New Mission)

REQUIREMENT: This project is in direct support of the combat search and rescue (CSAR) beddown at Davis Monthan AFB. The facility is a new mission requirement that will store war material and spare parts for the HH-60 and C-130 squadrons. Force protection will comply with DoD antiterrorism construction standards for buildings.

CURRENT SITUATION: Davis-Wonthan does not have excess or adequate facilities that can be converted to accommodate the new CSAR mission.

IMPACT IF NOT PROVIDED: Adequate facilities will not be available to perform this new mission. The potential for significant degradation of mission performance and capabilities will be increased. In addition, due to the inadequate work environment, morale of Air Force personnel will be lowered resulting in less productivity.

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) 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 Karl S. Bosworth, (520) 228-3401. NRSP Warehouse: 1,858 SM = 19,992 SF.

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	CSAR MISSION READY SUPPLY PARTS WAREHOUSE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27224	442-758	FBNV043006	1,945

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

1. COMPONENT	FY 2004 NILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	CSAR MISSION READY SUPPLY PARTS WAREHOUSE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27224	442-758	FBNV043006	1,945

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	25-MAY-02
(b) Parametric Cost Estimates used to develop costs	YES
• (c) Percent Complete as of 01 JAN 2003	15%
• (d) Date 35% Designed	Ol-AUG-02
(e) Date Design Complete	Ol-SEP-03
(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	117
(b) All Other Design Costs	58
(c) Total	175
(d) Contract	156
(e) In-house	19

(4) Construction Contract Award	04 JAN
(5) Construction Start	04 FEB
(6) Construction Completion	05 JUL

• 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 appropriatione:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATION EQUIP/WIRING	3400	2004	148

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	CSAR C-130 APRON/SHOULDERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27224	113-321	FBNV043007	Auth: 2,075 Approp: 1,954

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
CSAR C-130 APRON/SHOULDERS	LS			1,192
AIRCRAFT PARKING APRON	SM	8,845	127	(1,123)
PAVED SHOULDERS	SM	2.740	25	(69)
SUPPORTING FACILITIES				639
UTILITIES	LS			(38)
PAVEMENTS	LS			(120)
SITE IMPROVEMENTS	LS			(90)
DEMOLITION	SM	915	115	(105)
REPLACE BUILDING	SM	200	1,428	(286)
SUBTOTAL				1,831
CONTINGENCY ('5.0 %)				92
TOTAL CONTRACT COST				1,922
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				110
TOTAL REQUEST				2,032
TOTAL REQUEST (ROUNDED)				2,075

10. Description of Proposed Construction: Concrete apron with asphalt shoulders for medium aircraft loads, demolition of existing shoulder and access road, site improvements, clearing and grubbing, and all necessary support. Includes the demolition of one building (915 SM) in the way of construction and reconstruction (200 SM) in a new location. Project will comply with minimum DoD antiterrorism construction standards.

Air Conditioning: 8 KW.

11. REQUIREMENT: 999,999 SM ADEQUATE: 991,154 SM SUBSTANDARD: 0 SM

PROJRCT: Construct CSAR C-130 parking apron with asphalt shoulders. (New Mission)

REQUIREMENT: The apron is required to support the C-130 combat search and rescue (CSAR) mission beddown at Davis-Monthan AFB. Adequate aircraft parking is required to complete pre-flight operations and minor aircraft maintenance. The apron supports a squadron of 10 C-130 aircraft.

CURRENT SITUATION: Adequate aircraft parking apron is not available on the installation for this new mission beddown.

IMPACT IF NOT PROVIDED: The CSAR mission beddown will be jeopardized. Unacceptable work arounds would include sharing parking aprons with existing missions that are separated by a mile, placing aircrews and maintenance personnel at high risk. This will negatively impact the C-130 mission capabilities.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1064, "Facility Requirements". A preliminary analysis of reasonable options was done and indicates only one option meets operational requirements. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Karl S. Bosworth, (520) 228-1401. Aircraft Parking Apron: 8,845 SM = 95,172 SF; Apron Shoulders: 2,740 SM = 29482

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	CSAR C-130 APRON/SHOULDERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27224	113-321	FBNV043007	2,075

SF.

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

DD FORM 1391, DEC 76 Previous editions are obsolete. Page No.

1. COMPONENT AIR FORCE	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	4. PROJECT TITLE CSAR C-130 APRON/SHOULDERS	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27224	113-321	FBNV043007	2,075

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	25-MAY-02
(b) Parametric Cost Estimates used to develop costs	YES
• (c) Percent Complete as of 01 JAN 2003	15%
* (d) Date 35% Designed	Ol-AUG-02
(e) Date Design Complete	Ol-SEP-03
(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	160
(e) In-house	20

(4) Construction Contract Award	04 JAN
(5) Construction Start	04 FEB
(6) Construction Completion	05 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 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST
LITTLE ROCK AIR FORCE BASE	AIR EDUCATION AND	COST INDEX
ARKANSAS	TRAINING COMMAND	0.85

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 02	642	3793	1166							5,601
END FY 2007	642	3824	1169							5,635

7. INVENTORY DATA ($000)

a. Total Acreage:	6,898	
b. Inventory Total as of: (30 Sep 02)		831,013
c. Authorization Not Yet in Inventory:		39,790
d. Authorization Requested in this Program:		3,622
e. Authorization Included in the Following Program:	(FY 2005)	5,031
f. Planned in Next Four Years Program:		33,950
g. Remaining Deficiency:		35,000
h. Grand Total:		948,406

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2004)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
171-627	C-l 30 Qperations Training Facility	929 SM	2,478	Apr-02	Sep-03
211-179	C-l 30J ADAL Hangar 280	293 SM	1,144	Apr-02	Aug-03
		Total	3,622		

9a. Future Projects: Included in the Following Program: (FY2005)

171-212	C-l 30J ADAL Simulator Facility	1 LS	5,031
		Total	5,031

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

722-351	Airman Dining Facility	1,805 SM	5,600
724-417	Visiting Quarters	6,492 SM	9,400
730-441	Education Center Complex	9,023 SM	15,500
737-884	Child Development Center	1,644 SM	3,450

9c. Real Property Maintenance Backlog This Installation 93

10. Mission or Major Functions: An Airlift wing with five C-l 30 squadrons conducting operations and training -- the only DoD C-l 30 training base; an Air Mobility Command airlift group with C-l 30 aircraft; an ANG C-l 30 airlift wing; and an AFRC aerial port squadron.

11. Outstanding pollution and Safety (OSHA Deficiencies:

a. Air pollution	20
b. Water Pollution	815
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 24 Jul 00

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLR
LITTLE ROCK AIR FORCE EASE, ARKANSAS	C-130 OPERATIONS TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41115	171-627	NKAK043009	Auth: 2,528 Approp: 2,478

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
C-130 OPERATIONS TRAINING FACILITY	LS			1,582
OPERATIONS TRAINING FACILITY	SM	929	1,559	(1,449)
AT/FP	LS			(133)
SUPPORTING FACILITIES				697
DTILITIBS	LS			(180)
PAVEMENTS	LS			(240)
SITE IMPROVEMENTS	LS			(192)
COMMUNICATIONS PREWIRING	LS			(85)
SUBTOTAL				2,278
CONTINGENCY (5.0 %)				114
TOTAL CONTRACT COST				2,392
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				136
TOTAL REQUEST				2,528
TOTAL REQUEST (ROUNDED)				2,528
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(135.0)

L0. Description of Proposed Construction: Construct Operations Training Facility. Includes concrete foundation, elab on grade, steel structure, masonry walls, sloping roof, fire protection, admin and office areas, mech/elec, utilities, sitework, and all necessary aupport for Det 3 and Det 4 AWCAOS contract and quality aaeurance oversight in maintaining/upgrading aircrew training systems (C-130J/C-130 WATS).

Air Conditioning: 88 KW.

L1. REQUIREMENT: 929 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM

PROJECT: Construct C-130/C-130J Operations Training Facility. (New Mission)

REQUIREMENT: An adequate facility, properly sized and configured for operations training administration of contract and quality aaeurance oversight; eimulator, instructor, and curriculum/courseware development certificationa; and maintaining/upgrading aircrew training systems (C-130J/C-130 WATS). Required facility will include areas to accommodate Detachment 3 and Detachment 4 AWCAOS in support of new C-130J/C-130 aircrew and maintenance training missions. Force Protection measures will be incorporated IAW USAF Inetallation Force Protection Guide. New aircraft are due to start arriving at Little Rock in FY04.

CURRENT SITUATION: As the USAF modernizes its combat delivery fleet through the acquisition of the C-130J airframe and transforms all aircrew and maintenance personnel training to the C-130 Center of Excellence at Little Rock AFB, Detachment 3 and Detachment 4 AMCAOS, which is relocating from Keesler AFB, will be charged with performing contract and quality assurance oversight; provide simulator, instructor, and curriculum/courseware development certifications; and maintaining/upgrading aircrew training systems (C-130J/C-130 WATS). Det 3 staff is currently housed in temporary and substandard trailers, which they have occupied since 1998, at a location that is distant

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
LITTLE ROCK AIR FORCE BASE, ARKANSAS	C-130 OPERATIONS TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41115	171-627	NKAK043009	2,528

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Statue:

(a) Date Deeign Started	OI-APB-02
(b) Parametric Cost Estimates wed to develop costs	YES
• (c) Percent Complete as of 01 JAN 2003	
* (d) Date 35% Designed	10-SEP-02
(e) Date Deeign Complete	05-SEP-03
(f) Energy Study/Life-Cycle analysis was/will be performed	No

(2) Basis:

(a) Standard or Definitive Design -	No
(b) Where Deeign Wae Most Recently Weed -	

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

	($000)
(a) Pro&action of Plane and Specifications	156
(b) All Other Design Costs	78
(c) Total	234
(d) Contract	200
(e) In-house	26

(4) Conetruction Contract Award	03 DEC
(5) Construction start	04 JAN
(6) Conetruction Completion	04 DEC

• 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)
COMPUTERS/TECHNICAL EQUIP	3400	2005	25
CONFERENCE ROOM FURNISHINGS	3400	2005	20
ADMINISTRATION FURNISHINGS	3400	2005	90

1. COMPONENT AIR FORCE	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION LITTLE ROCK AIR FORCE BASE, ARKANSAS	4. PROJECT TITLE C-130 OPERATIONS TRAINING FACILITY	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41115	171-627	NKAK043009	2,528

and disparate from the C-130 Center of Excellence. Currently, C-130J modernization projects within the Central Campus Development Area have no space allocated to accommodate the missions of Det 3 and Det 4 AWCAOS. This situation negatively impacts their mission performance, quality assurance, contract oversight, and other critical functions and cannot be rectified and corrected until a facility, co-located with the C-130 Center of Excellence, is provided in the Central Campus Development Area.

IMPACT IPNOT PROVIDED: The unit's mission to conduct operation6 training for all C-130J/C-130 aircrews, by performing contract and quality assurance oversight; provide 6imulator, instructor, and curriculum/courseware development certifications; and maintaining/upgrading aircrew training systems (C-130J/C-130 WATS) will be seriously degraded. Adequate space for contract oversight is unavailable. Workarounds require Contract oversight function to work in substandard facilities and maintenance training to be conducted in disparate locations, separating classroom instruction from "hands-on" demonstration and taek certification, resulting in a negative impact on ability to perform the C-130J/C-130 maintenance and operations training mission.

ADDITIOWAL: This project meets the criteria/scope specified in Air Force Handbook 32-1,004, 'Facility Requirements." All known alternative option6 were considered during development of this project. No other option6 could meet the mission requirements. T'herefore no economic analysis was required or performed. A certificate of exception is being prepared. Site selection and approval by FB is pending. BCR: Lt Col Robert E. Moriarty, DSN 731-3322, Operations Training Facility, 929 SM = 10,000 SF.

JOINT USE CERTIFICATION: This facility can be used by other component8 on au "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
LITTLE ROCK AIR FORCE BASE, ARKANSAS	C-130J ADAL HANGAR 280

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41132	211-179	NKAK053008	Auth: 1,167 Approp: 1,144

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
(z-1305 ADAL HANGAR 280	LS			1,024
ADDITION	SM	293	2,726	(799)
ALTERATIONS	LS			(217)
ANTI-TERRORISM FORCE PROTECTION	LS			(8)
SUPPORTING FACILITIES				28
SITE IMPROVEMENTS	LS			(10)
P A - S	LS			(18)
SUBTOTAL				1,051
CONTINGENCY (5.0 %)				53
TOTAL CONTRACT COST				1,104
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				63
TOTAL REQUEST				1,167
TOTAL REQUEST (ROUNDED)				1,167

10. Description of Proposed Construction: Construct addition and alter Hangar B280 for the C-130J-30 aircraft. Work includes concrete foundation6 and floor slab, steel structure, masonry walls, sloping roof system, and all utilities and necessary support. Wfork includes partial demolition of existing structure, modification of tail doors, modification of exhaust system and vapor trenches, HVAC, and electrical/alarm systems. Air Conditioning: 28 KW.

11. REQUIREMENT: 1,724 SM ADEQUATE: 0 SM SUBSTANDARD: 1,431 SM

PROJECT: C-130J ADAL Hangar 280. (New Mission)

REQUIREMENT: An adequate facility, properly sized and configured for aircraft fuel systems maintenance is required to support a new mission to house, maintain, and train on new C130J-30 aircraft. This facility provides au indoor and properly ventilated space to conduct aircraft fuel cell maintenance. Force Protection measures will be incorporated IAW USAF Installation Force Protection guide. New aircraft are due to start arriving at Little Rock in Oct 04.

CURRENT SITUATION: Properly sized hangar space for C-130J-30 aircraft fuel cell maintenance operations &es not exist on the installation. Existing facilities are sized and structured for the older C130E/H airframes. The C-130J-30 airframe is 15 feet longer than current mission airframes and there is no available maintenance hangar space to accommodate new mission aircraft. The existing tail doors, exhaust system, and vapor trench are not configured for the C-130J-30 aircraft.

IMPACT IF NOT PROVIDED: MISSION FAILURE - no covered fuel cell maintenance can be accomplished. Aircraft will not be available to perform flying operations in a srustainable manner. There is no viable work around that will meet mission needs and fiuture mission requirements. New C-130J-30 aircraft cannot be supported due to the increased fuselage length and will not be available to support the training mission. Hangar space required to support new aircraft is not available for fuel cell maintenance

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. *PROJECT* TITLE
LITTLE ROCK AIR FORCE BASE, ARKANSAS	C-130J ADAL HANGAR 280

5. PROGRAM ELEMENT	6. *CATEGORY* CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41132	211-179	NKAK053008	1,167

)perations. Maintenance will have to be accomplished at other base locations, furthering :he negative mission impact at Little Rock.

ADDITIONAL: This project meets the criteria/scope specified in Air *Force* Handbook 32-,084, ■ Facilities Requirements". Base Civil Engineer: Lt Col Robert E. Moriarty, (501) '31-3322. Addition: 293 SM = 3,153 *SF.*

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

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
LITTLE ROCK AIR FORCE BASE, ARKANSAS	C-130J ADAL HANGAR 280

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41132	211-179	NKAK053008	1,167

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	lo-APB-02
(b) Parametric Cost Estimates used to develop costs	YES
• (c) Percent Complete as of 01 JAN 2003	15%
• (d) Date 35% Designed	10-AUG-02
(e) Date Design Complete	10-AUG-03
(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	72
(b) All Other Design Costs	36
(c) Total	108
(d) Contract	96
(e) In-house	12
(4) Construction Contract Award	03 DEC
(5) Construction Start	04 JAN
(6) Construction Completion	04 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 2004 MILITARY CONSTRUCTION PROGRAM	12. DATE

3I. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST
BEALE AIR FORCE BASE,	AIR COMBAT COMMAND	COST INDEX
CALIFORNIA		1.22

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 02	345	2847	415	17	91	5	2	22	48	3,79
END FY 2007	345	2865	415	17	91	5	2	22	48	3,811

7. INVENTORY DATA ($000)		
a. Total Acreage:	22,944	
b. Inventory Total as of : (30 Sep 02)		1,333,00
c. Authorization Not Yet in Inventory:		36,02
d. Authorization Requested in this Program:		22,301
e. Authorization Included in the Following Program: (FY 2005)		39,13
f. Planned in Next Four Years Program:		52,50
g. Remaining Deficiency:		81,89
h. Grand Total:		1,564,85

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2004)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
211-179	Global Hawk Upgrade Dock	2,420 SM	8,958	May-02	Sep-0:
721-312	Global Hawk Dormitory	96 RM	13,342	Design	Build
		Total	22,300		

9a. Future Projects: Included in the Following Program: (FY2005)			
141-753	Global Hawk Squad Operations-FOL	1,500 SM	7,062
211-173	Global Hawk Add to AGE Facility	376 SM	1,548
211-173	Global Hawk Upgrade Dock 2	2,420 SM	8,320
721-312	Dormitory (144 RM)	144 RM	14,945
724-417	Global Hawk Visiting Quarters	2,040 SM	7,256
		Total	39,131

9b. Future Projects: Typical Planned Next Four Years:			
411-111	Upgrade Dock 4	1,369 SM	4,200
211-159	Aircraft Corosion Control Facility	5,386 SM	27,000
721-312	Dormitory (60 RM)	60 RM	6,300
737-884	Child Development Center	3,555 SM	15,000

9c. Real Property Maintenance Backlog This Installation:	39

10. Mission or Major Functions: A reconnaissance wing which includes two U-2 reconnaissance squadrons, one of which is responsible for training all U-2 aircrews; a Contingency Airborne Reconnaissance System (CARS); an Air Fore Space Command missile warning squadron which operates one of the Phased Array Warning System (PAVE PAWS) radars; and an Air Force Reserve wing with KC-135 aircraft. Base will be first beddown location for Global Hawk UAV.

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 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLB
BEALE AIR FORCE BASE, CALIFORNIA	GLOBAL HANK UPGRADE DOCK

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35205	211-179	BAEY041017R1	Auth: 9.139 Approp: 8,958

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
GLOBAL HANK UPGRADE DOCK	LS			3,983
UPGRADE DOCK	LS			(3,983)
SUPPORTING FACILITIES				4,261
UTILITIES	LS			(3,151)
SITE IMPROVEMENTS	LS			(321)
P A - S	LS			(448)
ASBESTOS/LEAD PAINT ABATEMENT	SM	2,420	141	(341)
SUBTOTAL				8,244
CONTINGENCY (5.0 %)				412
TOTAL CONTRACT COST				8,656
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				493
TOTAL REQUEST				9,150
TOTAL REQUEST (ROUNDED)				9,139
EQUIPMENT PROM OTHER APPROPRIATIONS (NON-ADD)				(93.0)

10. Description of Proposed Construction: Renovate Dock 3 to include high-expansion foam fire euppreeeion system (HIEX), explosion-proof electrical distribution end lighting, HVAC, *roof* & siding, aebeetoe abatement, exterior electric upgrade, fuel spill collection trench, *and* landscaping.

11. REQUIREMENT: 0 SM ADEQUATE: 0 SM SWSTANDARD: 0 SM

PROJECT: Upgrade Dock 3 for Global Hawk beddown. (New Mission)

REQUIREMENT: Global Hawk maintenance personnel require covered dock space to perform required fuel cell maintenance on assigned aircraft. Dock 3 has been identified by the Global Hawk Site Activation Taek Force as meeting part of this requirement.

CURRENT SITUATION: Dock 3 wae constructed in 1958 and lacks a foam fire euppreeeion system required to extinguish aircraft fires. The dock is not equipped to conduct fuel cell maintenance activities due to the lack of fuel spill collection trenches end associated trench ventilation system. The roof panels leak and have deteriorating insulation. The electrical system is in disrepair and requires complete removal and replacement with an explosion-proof system. The out&or switchgear ie deteriorated and ie no longer weather-proof. The HVAC system is antiquated end requires replacement. The dock doors require repairs to the rolling system and locks. The dock currently has insufficient lighting. Abatement ie required for asbeetoe and lead.

IMPACT IF NOT PROVIDED: Global Hawk would have insufficient space to maintain ite aircraft. This would severely impact the mission of Global Hawk.

ADDITIONAL: Thie project meets the criteria and scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analyeia of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates there ie only one option that will meet operational requirements. A certificate of exception has been prepared. Base Civil Engineer: Lt

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BEALE AIR FORCE BASE, CALIFORNIA	GLOBAL HAWK UPGRADE DOCK

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35205	211-179	BAEY041017R1	9,139

'01 Gregory M. Perkinson, (530) 634-2942.

'OINT USE CERTIPICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.

DD FORM 1391, DEC 76 Previous editions are obsolete. Page No.

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BEALE AIR FORCE BASE, CALIFORNIA	GLOBAL HANK UPGRADE DOCK

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35205	211-179	BAEY041017R1	9,139

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Statue:	
(a) Date Design Started	29-MAY-02
(b) Parametric Cost Estimates used to develop costs	YES
• (c) Percent Complete as of 01 JAN 2003	15%
• (d) Date 35% Designed	OS-AUG-02
(e) Date Design Complete	Ol-SEP-03
(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 end Specifications	548
(b) All Other Design Coats	274
(c) Total	822
(d) Contract	731
(e) In-house	91
(4) Construction Contract Award	04 JAN
(5) Construction Start	04 FEB
(6) Construction Completion	05 AUG

• Indicates completion of Project Definition with Parametric Coet Estimate which ie comparable to traditional 35% design to ensure valid scope, cost and executability.

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATION EQUIP/WIRING	3400	2004	93

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BEALEAIR FORCE BASE, CALIFORNIA	GLOBAL HANK DORMITORY (96 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35205	721-312	BABY051001	Auth: 13,611 Approp: 13,342

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
GLOBAL HAWK DORMITORY (96 RM)	LS			7,827
DORMITORY	SM	3,655	2,120	(7.749)
ANTITERRORISM FORCE PROTECTION	LS			(78)
SUPPORTING FACILITIES				4,497
UTILITIES	LS			(981)
SITE IMPROVEMENTS	LS			(1,564)
PAVEMENTS	LS			(412)
DEMOLITION (KENNEL)	SM	279	150	(42)
SPECIAL FOUNDATIONS	SM	7,310	21	(154)
COMMUNICATIONS SUPPORT	LS			(109)
DOG KENNEL	SM	325	3,802	(1,236)
SUBTOTAL				12,323
CONTINGENCY (5.0 %)				616
TOTAL CONTRACT COST				12,940
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				738
TOTAL REQUEST				13,677
TOTAL REQUEST (ROUNDED)				13,611
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(765)

10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, masonry walls, standing seam metal roof, utilities, fire detection/protection, site improvements, landscaping, access road, sidewalke, special foundatione, communication support and demolition of old kennel (279 SM). Includes construction of new kennel in the way of construction. Force protection standards are included.

Air Conditioning: 480 KW. Grade Mix: El-X4 96

11. REQUIREMENT: 749 RM ADEQUATE: 449 RM SUBSTANDARD: 0 RM

PROJECT: Construct a dormitory (96 RM). (New Mission)

REQUIREMENT: The Global Hawk (GH) Site Activation Task Force (SATAF) validated a GE niseion-driven requirement for a new 96 person dormitory. A major Air Force objective provides unaccompanied enlisted personnel with housing conducive to their proper 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 and important jobs these people must perform. Force protection will comply with minimum DoD interim etandarde.

CURRENT SITUATION: There is no excess dormitory space available on Beale AFB. Baeed on the Air Force Dormitory Master Plan, Beale currently has a dormitory deficit of 300 rooms and the closest suitable off-base housing for unaccompanied personnel is approximately 20 miles from the base. The GH mission will increase this deficit. A new dormitory is neceeeary to help reduce this deficit.

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BEALE AIR FORCE BASE, CALIFORNIA	GLOBAL HAWK DORMITORY (96 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35205	721-312	BABY051001	13,611

IMPACT IF NOT PROVIDED: Adequate living quarters will continue to be unavailable resulting in degradation of morale, productivity, and career eatiefaction for reaccompanied enlisted personnel.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable optione 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. FY01 Unaccompanied Housing RPM Conducted: $143.83; FY02 Unaccompanied Housing RPM Conducted: $76.8K. Future Unaccompanied Housing RPM requirements (estimated) : FY03: $9,580K; FY04: $1,500K; FY05: $84~. Base Civil Engineer: Lt Col Gregory M. Perkineon, (530) 634-2942. Dormitory: 3,655 SM = *39,328 SF.*

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

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BEALE AIR FORCE BASE, CALIFORNIA	GLOBAL HAWK DORMITORY (96 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35205	721-312	BAKY051001	13,611

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 Wae Most Recently Used -

(3) All Other Design Costs 370

(4) Construction Contract Award 04 JAN

(5) Construction Start 04 MAY

(6) Construction Completion 06 JON

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

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

EQUIPWENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2004	765

1. COMPONENT AIR FORCE	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST
EDWARDS AIR FORCE BASE	AIR FORCE MATERIEL	COST INDEX
CALIFORNIA	COMMAND:	1.29

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 02	575	2607	2840				29	20	659	6,730
END FY 2007	565	2475	2904				29	20	659	6,652

7. INVENTORY DATA ($000)

Total Acreage: 300,723

Inventory Total as of : (30 Sep 02)	3,294,922
Authorization Not Yet in Inventory:	16,115
Authorization Requested in this Program:	19,060
Authorization Included in the Following Program: (FY 2005)	9,965
Planned in Next Four Years Program:	161,315
Remaining Deficiency:	128,301
Grand Total:	3,629,678

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2004)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
311-115	Addition/Renovate Joint Strike Fighter Complex, Ph 1	15,588 SM	19,060	Design	Build
		Total	19,060		

9a. Future Projects: Included in the Following Program: (FY2005)

311-115	Addition/Renovate Joint Strike Fighter Complex, Ph 2	6,878	SM	9,965
		Total		9,965

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

111-111	Runway	42	HE	98,815
131-111	Replace Information Tech Operations Center	3,250	SM	15,500
141-453	Replace Base Operations Facility	1,950	SM	6,500
31 o-993	Propulsion Energetics Science Laboratory	3,446	SM	14,100
721-312	Dormitory	96	RM	12,400
742-674	Fitness Center	5,051	SM	14,000

9c. Real Propery Maintenance Backlog This Installation 10'8

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	1,820
b. Water Pollution	7,772
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2004 XILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EDWARDS AIR FORCE BASE, CALIFORNIA	ADDITION/RENOVATE JSF COMPLEX, PHASE I

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	311-115	FSPM043503	Auth: 19,444 Approp: 19,060

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
RENOVATE JSF COMPLEX, PHASE I	SM	15,588	0	16,821
ALTER B1820	SM	12,613	950	(11,982)
ALTER B1807	SM	1,115	1,100	(1,227)
MODIFY CONTROL RM AT RIDLRY COWTROL CENTER	LS			(1,118)
NEW MUNITIONS MAINTENANCE FACILITY	SM	930	1,850	(1,720)
NEW WAREHOUSE	SM	930	832	(774)
SUPPORTING FACILITIES				710
REPAIR APRON PAVEMENT	LS			(260)
REPAIR AND EXTEND PARKING	LS			(450)
SUBTOTAL				17,531
CONTINGENCY (5.0 %)				877
TOTAL CONTRACT COST				18,407
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				1,049
TOTAL REQUEST				19,457
TOTAL REQUEST (ROUNDED)				19,444

10. Description of Proposed Construction: Renovate Development Test Facilities to include modern infrastructure, and properly configured offices, hangar and work areas. Construct new munitions maintenance facility and warehouse.

11. REQUIREMENT: 254,786 SM ADEQUATE: 25 SM SUBSTANDARD: 251,786 SM

PROJECT: Addition/Renovate Joint Strike Fighter (JSF) Complex, Phase I. (New Mission)

REQUIREMENT: The JSF program requires au adequately configured facility site to support the 10+ yr. Developmental Test (DT) program *of* the JSF aircraft. To support EMD efforts, the facilities must have modern infrastructure capable *of* supporting administrative and shop personnel and 9 DT aircraft. To avoid delays, the MLCON must be completed 6 months prior to the arrival of the first aircraft in Oct 05 to allow installation and calibration of support equipment. No other facilities are available to support this effort. All 9 DT aircraft require hangar space to protect limited, pre-Production assets, and to allow simultaneous work on all aircraft. Each aircraft requires space for test ops and equipment, conference rooms, ops counter, life support space, mission brief/da-brief rooms, COMSEC storage, and TS/SAR storage.

CURRENT SITDATION: The current facilities are improperly configured to support the EMD phase of the JSF program, and the existing infrastructure is inadequate. The existing fire protection systems, lighting systems, electrical distribution systems and security systems are inadequate. The existing water system is almost 50 years old, and has failed 6 times in the past 3 months. Due to extensive interior rusting, several hundred feet of pipe must be removed to find adequate wall thickness to accomplish repairs. Each break dislocates personnel for an average of 3 days, and requires a shut down of the entire water system for at least 2 days. Two *of* these breaks occurred during the winter months, shutting down the water heating system. Roof leaks require test personnel

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EDWARDS AIR FORCE BASE, CALIFORNIA	ADDITION/RENOVATE JSF COMPLEX, PHASE I

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	311-115	FSPM043503	19,444

cover desks, computers and chairs with plastic sheets to prevent water damage. The original gypsum board ceiling system contains asbestos and was abandoned in place and covered by a new suspended ceiling. This ceiling is now contaminated with asbestos, which ends up on desks, floors and offices when the roof leaks. Twice in the past year, sheat metal siding panels, 20 ft tall by 7 ft wide, have blown off into an adjacent plarking lot missing cars and staff personnel. The paneling system is nearly 50 years old, end requires significant repairs to ensure system integrity. Cooling system parts are pillaged to repair adjacent units; replacement parts are no longer readily available. Existing admin areas are lined with walled offices, which limit optimum space usage, and thwart reengineering efficiencies. The facilities do not have adequate secure space for processing and storage of TS/SAR level data, classified discussions, pre and post flight briefings, flight planning, aircraft operation scheduling, and 8torage of parts and equipment to support aircraft operations.

IMPACT IF NOT PROVIDED: The JSF EMD/DT program will be implemented out of a "forced use", 1950s vintage structure. Failure to upgrade this facility will impact testing of our nation's next generation aircraft's development, resulting in milestones not mat, higher cost to contractors overhead, daily operation and increasing taxpayer's burdens. Significant costs end schedule delays will be incurred if the government cannot provide the facility required by this diverse Joint Test Force (JTF). The Air Force Flight Test Center's mission to operate as a world class facility will be impeded by a substandard working environment.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". An economic analysis has bean prepared comparing the alternatives of new construction, revitalization and status quo operation. Based on the net present values and benefits of the respective alternative renovation was found to be the most cost efficient over the life of the project. Base Civil Engineer: Col James Judkins, (805) 277-2910. Altar B1820: 12,613SM = 135,712SF; Alter B1807: 1,115SM = 12, 000SF; Warehouse: 930SM = 10,000SF. Munitions Maintenance Facility: 930 SM = 1.0,000 SF. Design Build - Design Cost (4% of Subtotal Cost): $701,200.

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

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EDWARDS AIR FORCE BASE, CALIFORNIA	ADDITION/RENOVATE JSF COMPLEX, PHASE I

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
21142	311-115	FSPM043503	19,444

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 Wae Most Recently Used -

(3) All Other Design Costs 526

(4) Construction Contract Award 03 DEC

(5) Construction Start 04 JAN

(6) Construction Completion 05 JUN

(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 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST
BUCKLEY AIR FORCE BASE	AIR FORCE SPACE	COST INDEX
COLORADO	COMMAND	1.02

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 02	245	2242	731	0	0	0	0	0	0	3,218
END FY 2007	242	2213	746	0	0	0	0	0	0	3,201

7. INVENTORY DATA ($090)		
Total Acreage:	3,832	
Inventory Total as of: (30 Sep 02)		406,499
Authorization Not Yet in Inventory:		57,700
Authorization Requested in this Program:		6,957
Authorization Included in the Following Program:	(FY 2005)	10,318
Planned in Next Four Years Program:		88,500
Remaining Deficiency:		0
Grand Total:		569,974

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2004)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
851-147	Upgrade Base Infrastructure, Ph 3	LS	6,957	Apr-03	Sep-03
		Total	6,957		

9a. Future Projects: Included in the Following Program: (FY2005)

730-773	Chapel Center	2,423 SM	5,111
740-884	Child Development Center	2,248 SM	5,207
		Total	10,318

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

131-111	ADAL Communications Facility	3,347 SM	10,900
124-l 35	Consolidated Fuels Center	420K GL	7,600
740-873	Leadership Development Ctr	2100 SM	5,400
442-758	Logistics Complex	1900 SM	4,000
61 O-243	Consolidated Services Facility	3,171 SM	6,200
171-478	Outdoor Arms Range	605 SM	3,100
730-835	Security Forces Operations Facility	2,390 SM	7,200
730-441	Education Center	2,045 SM	4,000
214-425	Vehicle Maintenance Facility	1,812 SM	4,200
179-511	Fire Training Facility	1 EA	3,500
721-312	Dormitory, 132 RM	132 RM	8,300
851-147	Widen 6th Avenue	1524 M	3,500
742-674	Add/Alter Fitness Center	687 SM	3,500
442-758	Consolidated Base Warehouse	9,293 SM	9,100
851-147	Upgrade Base Infrastructure PH IV	1 EA	8,000

9c. Real Propery Maintenance Backlog This Installation	24

10. Mission or Major Functions: A space group; a space warning squadron; an operations support squadron; Aerospace Data Facility; an Air Force Reserve Command space warning squadron; and an Air National Guard wing with F-16 aircraft.

11. Outstanding pollution and Safety (OSHA) Deficiencies:	
a. Air pollution	2.32
b. Water Pollution	6.4
c. Occupational Safety and Health	0
d. Other Environmental	12.3

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1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BUCKLEY AIR FORCE BASE, COLORADO	UPGRADE BASE INFRASTRUCTURE, PHASE III

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35996	851-147	CRWU053003	Auth: 7,019 Approp: 6,957

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
UPGRADE BASE INFRASTRUCTURE, PH III	LS			5,044
EXISTING ROAD (REBUILDING)	LM	18,379	106	(1,948)
EXISTING ROADS (MEDIAN/CURB/GUTTER)	LM	1,770	146	(258)
NEW ROADS	LM	2,885	257	(741)
ELECTRIC DISTRIBUTION/COMM DUCT BANE	LM	6,336	289	(1,831)
STORMDRAINAGE	LM	2,103	271	(570)
WATER DISTRIBUTION WINS	LM	1,200	95	(114)
SANITARY SEWER MAINS	LM	2,438	134	(327)
GAS DISTRIBUTION MAINS	LM	1,200	45	(54)
SUPPORTING FACILITIES				575
OTHER SUPPORTING FACILITIES	LS			(575
SUBTOTAL				6,419
CONTINGENCY (5.0 %)				321
TOTAL CONTRACT COST				6,740
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				384
TOTAL REQUEST				7,124
TOTAL REQUEST (ROUNDED)				7,019

10. Description of Proposed Construction: Upgrade primary base infrastructure systems to include electrical, potable water, gas, fire suppression water system, sanitary sewers, storm drainage, street lighting, traffic signal, roadways, median strip, curb and gutter, communications duct bank and supporting systems.

11. REQUIREMENT: LS ADEQUATE: LS SUBSTANDARD: LS

Project title: base infrastructure, phase III. (New Mission)

REQUIREMENT: Buckley Air Force Base requires an infrastructure system upgrade to bring primary roadways and utilities to current standards. These improvements are needed to accommodate increased numbers of personnel and facilities at Buckley AFB concurrent with the establishment of the 460th Air Base Wing (ABW). The SECAF and CSAF established Air Force Space Command (AFSPC) as the installation host effective 1 October 2000. Reliable utilities and serviceable roadways are required to support the existing and future new facilities at the base. The new mission buildup for the ABW requires supporting expansion of utilities, comm duct bank and roads.

CURRENT SITUATION: The existing water supply is undersized in most areas. Future addition of new facilities cannot be supported by the existing water distribution system. Sanitary and storm sewer lines are inadequate to handle the additional demand created by new facilities. The existing gas supply is undersized in most areas. Future addition of new facilities cannot be supported by the existing gas distribution system. Roads around the perimeter fence of the entire base are severely deteriorated and require resurfacing. Improved and additional secondary streets are needed to connect existing facilities together and some existing streets will require medians to safely

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BUCKLEY AIR FORCE BASE, COLORADO	UPGRADE BASE INFRASTRUCTURE, PHASE III

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35996	851-147	CRWU053003	7,019

ccommodate increased traffic volume. Two existing roads need to be re-routed to avoid he runway's clear zone areas. The existing electrical service is 600 Amps, which will e inadequate to supply the base after the build-up. Cables in the south east quadrant f the base require re-routing. Overhead cables must be re-routed underground.

MPACT IF NOT PROVIDED: Failure to upgrade and extend essential utility systems will lake it impossible to properly and safely operate new facilities being added to Buckley FB. Existing utility systams and roads are currently either at their maximum capacity r are deteriorated. Failure to resurface principal traffic arteries in conjunction rith the activation of the new Air Base Wing will accelerate their deterioration and esult in escalated repair costs at a later date along with potential safety hazards. Failure to extend and improve water distribution, gas distribution, sewer systems, lectrical distribution and communications trunks will make services to existing acilities unreliable, overloaded and subject to outages.

SDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook .190, "Facility Planning and Design Guide". A preliminary analysis of the reasonable ptions for accomplishing this project (status quo, renovation, upgrade/removal, new onstruction and/or leasing) was done. It indicates that only two of the options, new onstruction and upgrade/removal, will meet operational requirements. A Certificate of xception has been prepared. Base Civil Engineer: Lt Col Alfred C. Scharff, (303) 677-501.

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

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BUCKLEY AIR FORCE BASE, COLORADO	UPGRADE BASE INFRASTRUCTURE, PHASE III

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35996	851-147	CRWU053003	1,019

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	02-APR-02
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2003	15%
• (d) Date 35% Designed	10-AUG-02
(e) Date Design Complete	Ol-SEP-03
(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	426
(b) All Other Design Costs	213
(c) Total	639
(d) Contract	539
(e) In-house	100

(4) Construction Contract Award	03 DEC
(5) Construction Start	04 JAN
(6) Construction Completion	05 FEB

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

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

1. COMPONENT AIR FORCE	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST
BOLLING AIR FORCE BASE	AIR FORCE DISTRICT OF	COST INDEX
DISTRICT OF COLUMBIA	WASHINGTON	0.98

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 02	392	1245	916	0	0	0	301	784	40	3,678
END FY 2007	392	1231	953	0	0	0	301	784	40	3,701

7. INVENTORY DATA ($000)

Total Acreage:	607	
Inventory Total as of: (30 Sep 02)		551,780
Authorization Not Yet in Inventory:		3,473
Authorization Requested in this Program:		9,300
Authorization Included in the Following Program:	(FY 2005)	cl
Planned in Next Four Years Program:		36,750
Remaining Deficiency:		15,000
Grand Total:		616,303

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2004)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPl
610-287	AF Central Adjudication Facility	4989	SM	9,300	Apr-02	Sep 03
		Total		9,300		

9a. Future Projects: Included in the Following Program: (FY2005)

None

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

219944	CE Maintenance and Readiness Fac	1,473	SM	3,750
610-128	Wing Administrative Facility	4,645	SM	8,100
721-315	Upgrade Cheshire Dormitory	1,823	SM	2,000
724-417	Upgrade Matihs Dormitory	5,490	SM	6,000
724-417	Visiting Quarters	5,880	SM	12,600
738-675	Add/Alter Main Library	1,207	SM	3,000
906-174	Repair Fence Main Gate	250	LM	1,300

9c. Real Property Maintenance Backlog This Installation 34

10. Mission or Major Functions: A support wing for Air Force Personnel in the National Capital Region; Headquarters USAF functions includng Chief of Chaplains; Surgen General, and Historian; Headquarters Air Force Office of Special Investigation; Air Force Office of Scientific Research; Air Force Legal Services Agency; Air Force Medical Operations Agency; USAF Band; and USAF Honor Guard.

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 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BOLLING AIR FORCE BASE, DIBTRICTOF COLUMBIA	AF CENTRAL ADJUDICATION FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
91212	610-287	BXUR020003	9,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
AF CENTRAL ADJUDICATION FACILITY	LS			5,200
CENTRAL ADJUDICATION FACILITY	SM	3,674	1,375	(5,052)
ANTITERRORISM FORCE PROTECTION	LS			(148)
SUPPORTING FACILITIES				3,128
UTILITIES	LS			(650)
PAVEMENTS	LS			(350)
SITE IMPROVEMENTS	LS			(250)
- -	LS			(350)
COMMUNICATIONS	LS			(250)
SCIF	SM	1,966	650	(1,278)
SUBTOTAL				8,328
CONTINGENCY (5.0 %)				416
TOTAL CONTRACT COST				8,744
SUPERVISION, INSPECTION AND OVERHEAD (6.0 %)				525
TOTAL REQUEST				9,269
TOTAL REQUEST (ROUNDED)				9,300

0. Description of Proposed Construction: Three-story steel structure with concrete Dread foundation/slab, exteriorbrick walls, and metal *roof.* Includes Heating, entilating, Air Conditioning, and Electrical systems, Sensitive Compartmented nformantion Facility (SCIF), aud all other supports. Comply with DoD *interim* minimum orce protection construction standards.

ir Conditioning: 380 KW.

1. REQUIREMENT: 3,674 SM ADEQUATE: SM SUBSTANDARD: 1,700 SM

ROJECT: Construct au Air *Force* Central Adjudication Facility (AFCAF). (Current ission)

EQUIREMENT: An adequate facility is required to consolidate the AFCAF functions at olling AFB. The facility to be in compliance with the Director of Central Intelligence irective (DCID) for SCIF. Comply with DoD interim minimum force protection onstruction standards.

URRENT SITUATION: AFCAF personnel are currently occupying a poorly configured and eteriorated space in a converted aircraft hangar and a semi-permanent facility. dditionally special Access Programs (SAP), located at Wright Patterson AFB and entagon, is being consolidated under AFCAF. Facility constraints, burgeoning workload, nd increasing manpower requirements hamper organizational effectiveness. There is no oom on Rolling AFB to accamodate AFCAF in existing buildings. Leasing space would rost approximately $500K per year and expose a critical Air Force operation to possible errorist activities. The current facility is not configured to receive, sort, store, nd destroy the 75 tons of mail it receives annually. Critical space shortages have, at imes, required personnel work both day and night shifts. The physical separation of

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BOLLING AIR FORCE BASE, DISTRICT OF COLUMBIA	AF CENTRAL ADJUDICATION FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000,
91212	610-287	BXUR020003	9,300

AFCAF personnel creates significant command and control problems and inhibits efficiency. A recent SAF/AA directive to centralize Air Force SAP under the AFCAF, NLT 31 May 02, will increase manpower 13% so that adjudicative personnel can work Tier 1 & 2 SAP eligibility determinations. The new SAP workload necessitates enhanced security measures in an accredited SCIF anticipated to be 150% larger thaa the current SCIF. Anticipated personnel increases coupled with a FY02 30% increase in the civilian workforce necessary to adjudicate 160,000 security investigations per year only exacerbates this untenable situation. In 1996, the Air Force was appointed the Executive Agent and Program Management Office for the Joint Personnel Adjudication System. More space is not only needed for 20 JPAS contractore hut also a $2.4M network system consisting of a central JPAS Production database server, backup server, and 8 rier II support transmission and *report* communications racks.

IMPACT II NOT PROVIDED: Increasing staff levels may require use of costly rental space, further separate AFCAF personnel, and potentially place resources in areas more accessible to hostile entities. Span of control and the efficiencies of collocation will increasingly suffer in proportion to the growing fragmentation of AFCAF as a whole. This will diminish the ability of AFCAF to process personnel security investigations, representing a contractual investment of $100M/year. Quality of life, safety, and security issues will continue to degrade mission effectiveness and impact worldwide operations. In addition, HAF leadership will have no alternate workspace in the NCR if displaced from the Pentagon short of a wartime scenario.

ADDITIONAL: An economic analysis has been prepared comparing alternatives of new construction, leaning, and status quo operation. Base on the present value and benifits of the respective alternatives, new construction was found to be the most cost effective aver the life of the project. This project meets the criteria/scope specified in the Air Force Handbook 32-1084, ❑ Facility Requirements." Base Civil Engineer: Col Cynthia Snyder, (202) 767-5566. Central Adjudication Facility: 3,674 SM = 39,532 SF.

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

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BOLLING AIR FORCE BASE, DISTRICT OF COLUMBIA	AF CENTRAL ADJUDICATION FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
91212	610-287	BXUR020003	9,300

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Statue:

(a) Date Design Started	02-APR-02
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2003	15%
. (d) Date 35% Designed	10-AUG-02
(e) Date Design Complete	10-SEP-03
(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	558
(b) All Other Design Costs	279
(c) Total	837
(d) Contract	720
(e) In-house	117

(4) Construction Contract *Award*	03 DEC
(5) Construction Start	04 JAN
(6) Construction Completion	05 NAY

. 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 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST
HURLBURT FIELD, FLORIDA	AIR FORCE SPECIAL OPERATIONS COMMAND	COST INDEX 0.82

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 02	622	4460	324	8	8	0	555	1307	260	7,544
END FY 2007	930	4673	497	0	0	0	227	752	47	7,128

7. INVENTORY DATA ($000)		
Total Acreage:	6,634	
Inventory Total as of : (30 Sep 02)		728,158
Authorization Not Yet in Inventory:		35,776
Authorization Requested in this Program:		7,808
Authorization Included in the Following Program:	(FY 2005)	8,967
Planned in Next Four Years Program:		78,650
Remaining Deficiency:		25000
Grand Total:		884,352

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2004)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATU CMPL
171-454	Special Tactics Advance Skills Training Facility	4,989	SM	7,800	Apr-02	Aug-03
		Total		7,800		

9a. Future Projects: Includeddn the Following Program: (FY2005)

721-312	Dormitory	144	RM	8,967
		Total		8,967

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

171-621	Mobility and Training Facility (823RHS)	1,000	SM	2,100
214-425	Vehicle Maintenance Facility (823RHS)	3,000	SM	5,900
214425	AFC2TIG Systems/Warrior School	8,065	SM	19,400
214425	Refueling Vehicle Maintenance Facility	400	SM	2,000
171-621	Airmen Leadership School	950	SM	1,600
442-758	Mobility Warehouse (823RHS)	1,200	SM	2,200
610-121	Vehicle Operations Admin Facility	966	SM	3,650
610-284	Conference Center	1,394	SM	6,000
721-312	Dormitory (144 RM)	144	RM	9,000
724417	Add to VOQ 90502	12	RM	1,350
737-884	Child Development Center	2,000	SM	8,000
742-674	East Side Fitness Center	2,750	SM	4,800
842-245	Improve Water System		LS	3,550
901-147	Realign Roads		LS	2,700
730-839	Entrance Gate and Shoreline ATFP		LS	1,800
61 O-243	Convert 90327 to SVS HQ SQ OPS Fac	800	SM	1,500
901-147	Munitions Delivery Road		LS	3,100

9c. Real Propery Maintenance Backlog This Installation 3

10. Mission or Major Functions: Headquarters Air Force Special Operations Command; a special operations wing with AC-130/MC-130/MH-53/MH-60/UH-1 special operations squadrons; Air Force Special Operations School; a special tactics group; Air Force Command and Control Training & Innovation Group; a RED HORSE squadron; and the Air Force Combat Weather 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 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SPECIAL TACTIC8 ADVANCED SKILLS TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	171-617	FTEV013019	7,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
SPECIAL TACTICS SKILS TRAINING FACILITY	Ls			5,584
SPECIAL SKILLS TRAINING AREA	SM	4,703	1,111	(5,225)
SWIM TRAINING AREA	EA	1	250,000	(250)
EXTERIOR COVERED STORAGE	SM	286	290	(83)
ANTITERRORISM FORCE PROTRCTION	Ls			(26)
SUPPORTING FACILITIES				1,410
UTILITIES	Ls			(450)
PAVEMENTS	Ls			(620)
SITE IMPROVEMENTS	Ls			(220)
COMMUNICATIONS	Ls			(120)
SUBTOTAL				6,994
CONTINGENCY (5.0 %)				350
TOTAL CONTRACT COST				7,344
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				419
TOTAL REQUEST				7,762
TOTAL REQUEST (ROUNDED)				7,800
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(675.0)

0. Description of Proposed Construction: Two story reinforced masonry structure with oncrete foundation, split-face CMU exterior, aud a standing seam metal roof. unctional areas include admin., academics, auditorium, classrooms, medical and ogistics spaces, swim training area, and a rappel/fast rope tower. Force protection ncludes structural reinforcement of exterior walls and fully tempered insulated glass indows.

ir Conditioning: 102 KW.

1. REQUIREMENT: 16,383 SM ADEQUATE: 11,394 SM SUBSTANDARD: 0 SM

ROJECT: Construct Special Tactics Advanced Skills Training Facility. (New Mission)

EQUIREMENT: A Special Tactics Advanced Skills Training Facility is required to provide rofessional development training for Special Tactics Combat Control, Combat Weather and ararescue personnel. space is required for faculty, seminars, and classrooms, study reas, library, academic offices and support areas. Force protection measures will be ncorporated IAW USAF Installation Force Protection guide.

URRENT SITUATION: HQ AETC has relinquished responsibility to HQ AFSOC to accomplish dvanced skill training for combat control techniciana and correct long-standing hroughput ehortfalle for this specialty. At the present time, this training is rovided in part by HQ AETC and in Dart via successive student TDY assignments at arious inetallatione. Student recruitment, throughput and the time required to ccomplish this type of training cannot produce sufficient numbers of mission-ready ontrollers to meet Air Force needs. The current training program was initiated at

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT MTA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, MRIDA	SPECIAL TACTIC8 ADVANCED SKILLS TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	171-617	FTEV013019	7,800

Hurlburt Field in April 2001 with a class of four students, utilizing space and equipment made available from an operations squadron based at Hurlburt Field. The duration of the training is approximately 52 weeks. Student throughput will increase to approximately 120 student per year by FY04, requiring a full-time dedicated instructional and support staff and facility. There are no existing facilities at Hurlburt Field that can be adapted for this purpose. BA01 appropriation is required since this is still a non-Special Ops particular requirement, per US-SOCOM Memo Of Agreement, Annex A.

IMPACT IF NOT PROVIDED: As the annual output requirement increases, students faculty and staff will be forced to continue to operate out of inadequate facilities, affecting morale, efficiency and mission capability. Failure to construct the facility will seriously jeopardize USAF capability to perform essential advanced tactical enabling operations for Air Expeditionary Forces and Lead Mobility Wings during contingencies and war.

ADDITIONAL: This project meets the criteria/scope specified in Air *Force* Handbook, *32-*1024, ❑ Facility Requirements". A preliminary analysis of reasonable options indicates only one-option meets operational requirements. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Michael E. Dejarnette, 850-884-7701. Special Skills Training Area: 4,703 SM = 50,604 SF; Exterior Covered Storage: 286 SM = 3,078 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 of Air *Force requirements.*

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer *generated*)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SPECIAL TACTIC8 ADVANCED SKILLS TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	171-617	FTEV013019	7,800

12. SUPPLEMENTAL MTA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	15-APR-02
(b) Parametric Cost Estimates used to develop costs	YES
• (c) Percent Complete as of 01 JAN 2003	15%
* (d) Date 35% Designed	01-SEP-02
(e) Date Design Complete	15-AUG-03
(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	468
(b) All Other Design Costs	234
(c) Total	702
(d) Contract	584
(e) In-house	118

(4) Construction Contract Award	03 DEC
(5) Construction Start	04 JAN
(6) Construction Completion	05 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)
INTERIOR FURNISHINGS	3400	2004	600
CODQdUNICATION8 EQUIPMENT	3400	2004	75

1. COMPONENT AIR FORCE	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST
TYNDALL AIR FORCE BASE	AIR EDUCATION AND	COST INDEX
FLORIDA	TRAINING COMMAND	0.8

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 02	587	2788	1695	37	0	0	84	20	0	5,211
END FY 2007	585	2805	1704	37	0	0	84	20	0	5,235

7. INVENTORY DATA ($000)

a. Total Acreage:	28,824	
b. Inventory Total as of : (30 Sep 02)		1,043,644
c. Authorization Not Yet in Inventory:		51,620
d. Authorization Requested in this Program:		6,195
e. Authorization Included in the Following Program: (FY 2005)		18,962
f. Planned in Next Four Years Program:		59,400
g. Remaining Deficiency:		0
h. Grand Total:		1,179,821

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2004)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
113-321	F-22 Parking Apron/Runway Extension	LS	6,195	Apr-02	Sep-03
		Total	6,195		

9a. Future Projects: Included in the Following Program:		(FY2005)	
171-211	F-22 Add to Operations Facility	750 SM	1,548
211-177	F-22 Squadron Operations/AMU	6,972 SM	17,414
		Total	18,962

9b. Future Projects: Typical Planned Next Four Years:			
111-111	Repair Airfield Pavements	30,000 SM	4,800
141-454	1 st AF Operations Support Center	6,040 SM	24,000
219-944	Base Civil Engineering Complex	7,435 SM	9,400
61 O-243	Consolidated Wing Center	3,252 SM	5,800
721-312	Dormitory	120 RM	7,600
742-647	Fitness Center	5,051 SM	7,800

9c. Real Property Maintenance Backlog This Installation 36

10. Mission or Major Functions: A fighter training wing with three F-l 5 squadrons responsible for training all F-15 aircrews; Air Combat Command's Headquarters First Air Force, a weapons evaluation group, Southeast Air Defense Sector; and the Air Force Civil Engineering Support Agency.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution	20
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TYNDALL AIR FORCE BASE, MRIDA	F-22 PARKING APRON/RUNWAY EXTENSION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27138	113-321	XLWU043001	Auth: 6,320 Approp: 6,195

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
F-22 PARKING APRON/RUNWAY EXTENSION	LS			5,598
AIRCRAFT PARKING APRON	SM	28,740	113	(3,248)
RUNWAY EXTENSION	SM	14,038	100	(1,404)
RUNWAY OVERRUN	SM	14,339	66	(946)
SUPPORTING FACILITIES				104
THRESHOLD, RUNWAY, & AREA LIGHTING	LS			(71)
DRAINS & CULVERTS	LS			(33)
SUBTOTAL				5,702
CONTINGENCY (5.0 %)				285
TOTAL CONTRACT COST				5,987
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				341
TOTAL REQUEST				6,328
TOTAL REQUEST (ROUNDED)				6,320

10. Description of Proposed Construction: Demo overun on the south end of inside runway, excavate, lay base, compact and pour 1000 FT of concrete runway and 1,000 FT of asphalt overrun. Excavate, lay base, compact and pour concrete apron extension south of existing parking apron. Relocate threshold lights, install runway lights, and apron area lights.

11. REQUIREMENT: LS ADEQUATE: Ls SUBSTANDARD: LS

PROJECT: F-22 parking apron/runway extension. (New Mission)

REQUIREMENT: Aircraft parking apron are designed to afford maximum operational efficiency for specific aircraft and missions at specific intallations. Tyndall AFB's Barking apron is sized to accommodate 68 F-15's for pilot training, 22 transient aircraft, 12 QF-4 drones, with the remainder of the apron, approximately 43 fighter spaces (WESP ramp), being reserved for TDY fighters and accompanying heavy aircraft coming in to support the 53rd Weapons Evaluation Group (WEG) mission. Additional six heavy aircraft parking spaces are required to haudle scheduled and unscheduled arrival of heavy aircraft.

CURRENT SITUATION: Presently, scheduled heavy aircraft that arrive in support of the WEG's mission and Dissimilar Aircraft Combat Training (DACT) for the 325th Fighter Wing are being parked on the Weapons System Evaluation Program (WESP) ramp with overflow parking on unused taxiways. With the ramp-up of the F-22 beginning in FY03 there will be a surge in aircraft numbers that will require parking. With a total of 25 F-22's due in FY05, aircraft parking will spill over on to the WESP ramp. There will barely be enough parking space to accommodate the TDY units and no parking space for three heavy aircraft usually accommodated on the WESP ramp. In order to extend thie parking apron, the inside runway and overuu need to be extended 1,000 FT southward to shift the runway Clear Zone beyond the proposed apron extension.

IMPACT IF NOT PROVIDED: If additional aircraft parking space is not provided, the 53

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TYNDALL AIR FORCE BASE, FLORIDA	F-22 PARKING APRON/RUNWAY EXTENSION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27138	113-321	XLWU043001	6,320

WEG will curtail the size and number of their missions or the numbers of F-15's used fox pilot training will have to be reduced sooner than planned.

ADDITIONAL: This project meets the criteria/scope outlined in the Air Force Handbook 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 operational requirements. Therefore, a full economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Lt Col John K. Borland (850) 283-3283.

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.

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12. SUPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	02-APR-02
(b) Parametric Cost Estimates used to develop costs	YES
• (c) Percent Complete as of 01 JAN 2003	15%
• (d) Date 35% Designed	10-AUG-02
(e) Date Design Complete	10-SEP-03
(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	379
(b) All Other Design Costs	190
(c) Total	569
(d) Contract	506
(e) In-house	63

(4) Construction Contract Award	03 DEC
(5) Construction Start	04 JAN
(6) Construction Completion	04 DEC

* 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