



Department of the Air Force

Military Construction and Family Housing Program

**Fiscal Year (FY) 2003
Budget Submission**

**Justification Data Submitted to Congress
February 2002**

CONTENTS

**Table Of Contents
Fiscal Year (FY) 2003
Budget Submission**

<u>General</u>	Page Number
Table of Contents	1
Program Summary	3
<u>Military Construction</u>	
State Summary (List of Projects)	5
New Mission/Current Mission Exhibit	13
Installation Index	21
Special Program Considerations:	
Statements	23
Congressional Reporting Requirements..	24
Research and Development	26
Third Party Financing	27
Appropriation Language	29
Inside the United States Construction Projects.....	31
Outside the United States Construction Projects..	157
Planning and Design	203
Unspecified Minor Construction	205

**Table Of Contents
Fiscal Year (FY) 2003
Budget Submission**

Family Housing

Narrative Summary	207
Index.....	209
Summary	213
Legislative Language	215
New Construction.....	219
Post Acquisition Construction	369
Advanced Planning & Design	417
O & M Summary	419
Operations	427
Utilities	439
Maintenance	443
Maintenance & Repair Over \$20K	447
G&FOQ Over \$35K.....	451
Reimbursable Program	455
Leasing	457
Housing Privatization	465
Debt Payments.....	471
Foreign Currency Exchange Data	473

PROGRAM SUMMARY

**DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM
FISCAL YEAR 2003**

	<u>APPROP AMOUNT</u>	<u>AUTH FOR APPROP</u>
MILITARY CONSTRUCTION	(Sec 2301)	(Sec 2304)
Inside the United States	358.600	358.600
Outside the United States	232.19-1	232.494
Planning and Design (10 USC 2807)	11.196	41.496
Unspecified Minor Construction (10 USC 2805)	11,500	11,500
TOTAL MILITARY CONSTRUCTION	641.090	644,090
MILITARY FAMILY HOUSING	(Sec 2302, 2303)	(Sec 230-1)
New Construction	416,438	416,438
Improvements	126.068	226.068
Planning and Design	34,188	34,188
Subtotal	676.691	676.69-1
Operations, Utilities, and Maintenance	710.693	710.693
Leasing	103.690	103.690
Debt Payment	36	36
Subtotal	844,419	844,419
TOTAL MILITARY FAMILY HOUSING	1,521,113	1,521,113
GRAND TOTAL AIR FORCE	2,165,203	2,165,203

MILITARY CONSTRUCTION

STATE SUMMARY

DEPARTMENT OF THE AIR FORCE
INDEX
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2003
(DOLLARS IN THOUSANDS)
INSIDE THE U.S.

<u>STATE/COUNTRY</u>	<u>INSTALLATION</u>	<u>PROJECT</u>	<u>APPROP REQUEST</u>	<u>AUTH REQUEST</u>	<u>PAGE</u>
ALASKA					
	Clear AS				
		Upgrade Power Plant	14,400	14,400	32
		<u>Clear TOTAL:</u>	<u>14,400</u>	<u>14,400</u>	
	Eielson AFB				
		Central Heat Plant Bag Houses	21,600	21,600	36
		<u>Eielson TOTAL:</u>	<u>21,600</u>	<u>21,600</u>	
		<u>ALASKA TOTAL:</u>	<u>36,000</u>	<u>36,000</u>	
ARIZONA					
	Davis-Monthan AFB				
		Dormitory (120 RM)	9,110	9,110	41
		HH-60 Apron/Taxiway D Shoulders	3,720	3,720	44
		HH-60 Maintenance Hangar	6,440	6,440	47
		<u>Davis-Monthan TOTAL:</u>	<u>19,270</u>	<u>19,270</u>	
		<u>ARIZONA TOTAL:</u>	<u>19,270</u>	<u>19,270</u>	
ARKANSAS					
	Little Rock AFB				
		ADAL Fuselage Trainer	2,500	2,500	51
		Construct Engine Storage Facility	2,100	2,100	54
		Construct 2-Bay Hangar	12,900	12,900	57
		Construct Maintenance Training Facility - FTD	8,100	8,100	60
		<u>Little Rock TOTAL:</u>	<u>25,600</u>	<u>25,600</u>	
		<u>ARKANSAS TOTAL:</u>	<u>25,600</u>	<u>25,600</u>	

DEPARTMENT OF THE AIR FORCE
INDEX
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2003
(DOLLARS IN THOUSANDS)
INSIDE THE U.S.

<u>STATE/COUNTRY</u>	<u>INSTALLATION</u>	<u>PROJECT</u>	<u>APPROP REQUEST</u>	<u>AUTH REQUEST</u>	<u>PAGE</u>
CALIFORNIA					
	Beale AFB				
		Global Hawk Dining Facility	3,470	3,470	64
		Global Hawk Squadron Operations/Maintenance Facility	3,670	3,670	67
		Global Hawk Upgrade Maintenance Dock	4,600	4,600	70
		<u>Beale TOTAL:</u>	<u>11,740</u>	<u>11,740</u>	
	Vandenberg AFB				
		Install Stormwater Drainage	3,100	3,100	74
		Upgrade Water Distribution System, Ph 2	7,400	7,400	77
		<u>Vandenberg TOTAL:</u>	<u>10,500</u>	<u>10,500</u>	
		<u>CALIFORNIA TOTAL:</u>	<u>22,240</u>	<u>22,240</u>	
COLORADO					
	Buckley AFB				
		Add/Alter SBIRS Mission Control Station	6,900	6,900	82
		Wing Headquarters/Administrative Facility	10,800	10,800	85
		<u>Buckley TOTAL:</u>	<u>17,700</u>	<u>17,700</u>	
		<u>COLORADO TOTAL:</u>	<u>17,700</u>	<u>17,700</u>	
CLASSIFIED LOCATIONS					
	Various				
		C-I 7 Various Facilities	30,569	30,569	88
		<u>VARIOUS CLASSIFIED TOTAL:</u>		<u>30,569</u>	
		<u>30,569</u>			
FLORIDA					
	Hurlburt Field				
		Dormitory (144 RM)	9,000	9,000	92
		<u>Hurlburt TOTAL:</u>	<u>9,000</u>	<u>9,000</u>	
		<u>FLORIDA TOTAL:</u>	<u>9,000</u>	<u>9,000</u>	
LOUISIANA					
	Barksdale AFB				
		Dormitory (168 RM)	10,900	10,900	96
		<u>Barksdale TOTAL:</u>	<u>10,900</u>	<u>10,900</u>	
		<u>LOUISIANA TOTAL:</u>	<u>10,900</u>	<u>10,900</u>	

DEPARTMENT OF THE AIR FORCE
INDEX
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2003
(DOLLARS IN THOUSANDS)
INSIDE THE U.S.

<u>STATE/COUNTRY</u>		<u>APPROP</u>	<u>AUTH</u>	
<u>INSTALLATION</u>	<u>PROJECT</u>	<u>REQUEST</u>	<u>REQUEST</u>	<u>PAGE</u>
MASSACHUSETTS				
Hanscom AFB				
	Add To And Alter Fitness Center	7,700	7,700	100
	<u>Hanscom TOTAL:</u>	<u>7,700</u>	<u>7,700</u>	
	<u>MASSACHUSETTS TOTAL:</u>	<u>7,700</u>	<u>7,700</u>	
MISSISSIPPI				
Keesler AFB				
	Student Dormitory (200 RM)	22,000	22,000	104
	<u>Keesler TOTAL:</u>	<u>22,000</u>	<u>22,000</u>	
	<u>MISSISSIPPI TOTAL:</u>	<u>22,000</u>	<u>22,000</u>	
NEVADA				
Nellis AFB				
	Dormitory (144 RM)	12,280	12,280	108
	F-22 Munitions Maintenance Facility	3,170	3,170	111
	Land Acquisition	15,000	15,000	114
	<u>Nellis TOTAL:</u>	<u>30,450</u>	<u>30,450</u>	
	<u>NEVADA TOTAL:</u>	<u>30,450</u>	<u>30,450</u>	
NEW JERSEY				
McGuire AFB				
	C-17 Flightline Operations Facilities	24,631	24,631	118
	<u>McGuire TOTAL:</u>	<u>24,631</u>	<u>24,631</u>	
	<u>NEW JERSEY TOTAL:</u>	<u>24,631</u>	<u>24,631</u>	
NORTH CAROLINA				
Pope AFB				
	Dormitory (144 RM)	9,700	9,700	122
	<u>Pope TOTAL:</u>	<u>9,700</u>	<u>9,700</u>	
	<u>NORTH CAROLINA TOTAL:</u>	<u>9,700</u>	<u>9,700</u>	

DEPARTMENT OF THE AIR FORCE
INDEX
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2003
(DOLLARS IN THOUSANDS)
INSIDE THE U.S.

<u>STATE/COUNTRY</u>	<u>INSTALLATION</u>	<u>PROJECT</u>	<u>APPROP REQUEST</u>	<u>AUTH REQUEST</u>	<u>PAGE</u>
OHIO					
	Wright-Patterson AFB				
		Dormitory (144 RM)	10,400	10,400	126
		<u>Wright-Patterson TOTAL:</u>	<u>10,400</u>	<u>10,400</u>	
		<u>OHIO TOTAL:</u>	<u>10,400</u>	<u>10,400</u>	
TEXAS					
	Lackland AFB				
		Student Dormitory (200 RM)	18,500	18,500	130
		<u>Lackland TOTAL:</u>	<u>18,500</u>	<u>18,500</u>	
	Sheppard AFB				
		Dormitory (144 RM)	10,000	10,000	134
		ENJJPT Flight Simulator	6,000	6,000	137
		<u>Sheppard TOTAL:</u>	<u>16,000</u>	<u>16,000</u>	
		<u>TEXAS TOTAL:</u>	<u>34,500</u>	<u>34,500</u>	
VIRGINIA					
	Langley AFB				
		Dormitory (96 RM)	8,320	8,320	141
		F-22 Flight Simulator	8,120	8,120	144
		F-22 Infrastructure and Utilities	10,700	10,700	147
		F-22 Squadron Operations/AMU	20,800	20,800	150
		<u>Langley TOTAL:</u>	<u>47,940</u>	<u>47,940</u>	
		<u>VIRGINIA TOTAL:</u>	<u>47,940</u>	<u>47,940</u>	
		<u>INSIDE THE U.S. TOTAL:</u>	<u>358,600</u>	<u>358,600</u>	

DEPARTMENT OF THE AIR FORCE
INDEX
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2003
(DOLLARS IN THOUSANDS)
OUTSIDE THE U.S.

<u>STATE/COUNTRY</u>	<u>INSTALLATION</u>	<u>PROJECT</u>	<u>APPROP</u>	<u>AUTH</u>	<u>PAGE</u>
<u>CLASSIFIED LOCATIONS</u>			<u>REQUEST</u>	<u>REQUEST</u>	
	Various OS				
		Classified MILCON Project	1,993	1,993	153
		Force Protection of Facilities/Utilities/Infrastructure	23,000	23,000	154
		<u>VARIOUS OS CLASSIFIED TOTAL:</u>	<u>24,993</u>	<u>24,993</u>	
DIEGO GARCIA	Diego Garcia				
		B-2 Aircraft Parking Apron (Ph 1)	17,100	17,100	158
		<u>Diego Garcia TOTAL:</u>	<u>17,100</u>	<u>17,100</u>	
		<u>DIEGO GARCIA TOTAL:</u>	<u>17,100</u>	<u>17,100</u>	
GERMANY	Ramstein AB				
		Combined Fleet Service/In-Flight Kitchen	7,500	7,500	163
		KMC Center Support	21,300	21,300	166
		Passenger Terminal Annex	17,683	17,683	169
		Ramp 1, Ph 1	23,700	23,700	172
		<u>Ramstein TOTAL:</u>	<u>70,183</u>	<u>70,183</u>	
		<u>GERMANY TOTAL:</u>	<u>70,183</u>	<u>70,183</u>	
GUAM	Andersen AFB				
		Fitness Center	16,000	16,000	176
		<u>Andersen TOTAL:</u>	<u>16,000</u>	<u>16,000</u>	
		<u>GUAM TOTAL:</u>	<u>16,000</u>	<u>16,000</u>	
KOREA	Osan AB				
		Dormitory (156 RM)	15,100	15,100	180
		<u>Osan TOTAL:</u>	<u>15,100</u>	<u>15,100</u>	
		<u>KOREA TOTAL:</u>	<u>15,100</u>	<u>15,100</u>	
SPAIN	Rota				
		Aircraft Parking Apron Phase 1	31,818	31,818	184
		<u>Rota TOTAL:</u>	<u>31,818</u>	<u>31,818</u>	
		<u>SPAIN TOTAL:</u>	<u>31,818</u>	<u>31,818</u>	

DEPARTMENT OF THE AIR FORCE
INDEX
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2003
(DOLLARS IN THOUSANDS)
OUTSIDE THE U.S.

<u>STATE/COUNTRY</u>			<u>APPROP</u>	<u>AUTH</u>	
<u>INSTALLATION</u>	<u>PROJECT</u>		<u>REQUEST</u>	<u>REQUEST</u>	<u>PAGE</u>
UNITED KINGDOM					
RAF Fairford					
	B-2 Maintenance Hangar/Apron		19,000	19,000	188
		<u>RAF Fairford TOTAL:</u>	<u>19,000</u>	<u>19,000</u>	
RAF Lakenheath					
	Add To and Alter Fitness Center		10,800	10,800	192
	Mobility Processing Facility		2,600	2,600	195
		<u>RAF Lakenheath TOTAL:</u>	<u>13,400</u>	<u>13,400</u>	
		<u>UNITED KINGDOM TOTAL:</u>	<u>32,400</u>	<u>32,400</u>	
WAKE ISLAND					
Wake Island					
	Repair Airfield Pavements, Ph 2		24,900	24,900	199
		<u>Wake Island TOTAL:</u>	<u>24,900</u>	<u>24,900</u>	
		<u>WAKE ISLAND TOTAL:</u>	<u>24,900</u>	<u>24,900</u>	
		<u>OUTSIDE THE U.S. TOTAL:</u>	<u>232,494</u>	<u>232,494</u>	

DEPARTMENT OF THE AIR FORCE
INDEX
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2003
(DOLLARS IN THOUSANDS)
WORLDWIDE

<u>STATE/COUNTRY</u> <u>INSTALLATION</u>	<u>PROJECT</u>	<u>APPROP</u> <u>REQUEST</u>	<u>AUTH</u> <u>REQUEST</u>	<u>PAGE</u>
VARIOUS LOCATIONS				
Various				
	Planning & Design	41,496	41,496	203
	Unspecified Minor Construction	11,500	11,500	205
	<u>VARIOUS TOTAL:</u>	<u>52,996</u>	<u>52,996</u>	
	<u>INSIDE THE US TOTAL:</u>	<u>358,600</u>	<u>358,600</u>	
	<u>OUTSIDE THE US TOTAL:</u>	<u>232,494</u>	<u>232,494</u>	
	<u>FY 2003 TOTAL:</u>	<u>644,090</u>	<u>644,090</u>	

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**NEW
MISSION/CURRENT
MISSION**

DEFINITIONS OF NEW AND CURRENT MISSION

NEW' MISSION PROJECTS - These projects support the **deployment** and **beddown** of new weapons systems, new or additional aircraft, missile, and space projects and support of **new** equipment such as radar's, communications, computers satellite tracking and electronic **security**. New mission projects all support **new** programs and **initiatives** that do not revitalize the existing **physical** plant. The projects support **new** and additional requirements. Planning and design and minor construction are also included in this **category**.

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

<u>FY 03</u>	<u>APPROP</u> <u>(WOO)</u>	<u>AUTH FOR</u> <u>APPROP</u> <u>(S000)</u>
NEW MISSION	\$287,284	\$287,284
CURRENT MISSION	\$303,810	\$303,810
PLANNING & DESIGN	\$41,496	\$41,496
MINOR CONSTRUCTION	<u>\$11,500</u>	<u>\$11,500</u>
TOTAL:	\$644,090	\$644,090

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2003
CURRENT MISSION, NEW MISSION AND WORLDWIDE
(DOLLARS IN THOUSANDS)
INSIDE THE U.S.

<u>STATE/COUNTRY</u>	<u>INSTALLATION</u>	<u>PROJECT TITLE</u>	<u>APPROP AMOUNT</u>	<u>AUTH AMOUNT</u>	TYPE
ALASKA	Clear AS				
		Upgrade Power Plant	14,400	14,400	ENV
		<u>Clear AS TOTAL:</u>	<u>14,400</u>	<u>14,400</u>	
	Eielson AFB				
		Central Heat Plant Bag Houses	21,600	21,600	ENV
		<u>Eielson AFB TOTAL:</u>	<u>21,600</u>	<u>21,600</u>	
		<u>ALASKA TOTAL:</u>	<u>36,000</u>	<u>36,000</u>	
ARIZONA	Davis-Monthan AFB				
		Dormitory (120 RM)	9,110	9,110	CMD
		HH-60 Apron/Taxiway D Shoulders	3,720	3,720	NM
		HH-60 Maintenance Hangar	6,440	6,440	NM
		<u>Davis-Monthan AFB TOTAL:</u>	<u>19,270</u>	<u>19,270</u>	
		<u>ARIZONA TOTAL:</u>	<u>19,270</u>	<u>19,270</u>	
ARKANSAS	Little Rock AFB				
		ADAL C-130J Aircrew Fuselage Trainer	2,500	2,500	NM
		C-130J Engine/Propeller Storage Facility	2,100	2,100	NM
		C-130J Maintenance Hangar	12,900	12,900	NM
		C-130J Maintenance Training Facility	8,100	8,100	NM
		<u>Little Rock AFB TOTAL:</u>	<u>25,600</u>	<u>25,600</u>	
		<u>ARKANSAS TOTAL:</u>	<u>25,600</u>	<u>25,600</u>	
CALIFORNIA	Beale AFB				
		Global Hawk Dining Facility	3,470	3,470	NM
		Global Hawk Squadron Operations/Maintenance Facility	3,670	3,670	NM
		Global Hawk Upgrade Maintenance Dock	4,600	4,600	NM
		<u>Beale AFB TOTAL:</u>	<u>11,740</u>	<u>11,740</u>	
	Vandenberg AFB				
		Install Stormwater Drainage	3,100	3,100	ENV
		Upgrade Water Distribution System, Ph 2	7,400	7,400	ENV
		<u>Vandenberg AFB TOTAL:</u>	<u>10,500</u>	<u>10,500</u>	
		<u>CALIFORNIA TOTAL:</u>	<u>22,240</u>	<u>22,240</u>	

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2003
CURRENT MISSION, NEW MISSION AND WORLDWIDE
(DOLLARS IN THOUSANDS)
INSIDE THE U.S.

<u>STATE/COUNTRY</u> <u>INSTALLATION</u>	<u>PROJECT TITLE</u>	<u>APPROP</u> <u>AMOUNT</u>	<u>AUTH</u> <u>AMOUNT</u>	TYPE
COLORADO				
Buckley AFB				
	Add/Alter SBIRS Mission Control Station	6,900	6,900	NM
	Wing Headquarters/Administrative Facility	10,800	10,800	NM
	<u>Buckley AFB TOTAL:</u>	<u>17,700</u>	<u>17,700</u>	
	<u>COLORADO TOTAL:</u>	<u>17,700</u>	<u>17,700</u>	
CLASSIFIED LOCATIONS				
Various				
	C-17 Various Facilities	30,569	30,569	NM
	<u>VARIOUS CLASSIFIED TOTAL:</u>	<u>30,569</u>	<u>30,569</u>	
FLORIDA				
Hurlburt Field				
	Dormitory (144 RM)	9,000	9,000	CMD
	<u>Hurlburt Field TOTAL:</u>	<u>9,000</u>	<u>9,000</u>	
	<u>FLORIDA TOTAL:</u>	<u>9,000</u>	<u>9,000</u>	
LOUISIANA				
Barksdale AFB				
	Dormitory (168 RM)	10,900	10,900	CMD
	<u>Barksdale AFB TOTAL:</u>	<u>10,900</u>	<u>10,900</u>	
	<u>LOUISIANA TOTAL:</u>	<u>10,900</u>	<u>10,900</u>	
MASSACHUSETTS				
Hanscom AFB				
	Add To And Alter Fitness Center	7,700	7,700	CMQ
	<u>Hanscom AFB TOTAL:</u>	<u>7,700</u>	<u>7,700</u>	
	<u>MASSACHUSETTS TOTAL:</u>	<u>7,700</u>	<u>7,700</u>	
MISSISSIPPI				
Keesler AFB				
	Student Dormitory (200 RM)	22,000	22,000	CMQ
	<u>Keesler AFB TOTAL:</u>	<u>22,000</u>	<u>22,000</u>	
	<u>MISSISSIPPI TOTAL:</u>	<u>22,000</u>	<u>22,000</u>	

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2003
CURRENT MISSION, NEW MISSION AND WORLDWIDE
(DOLLARS IN THOUSANDS)
INSIDE THE U.S.

<u>STATE/COUNTRY</u> <u>INSTALLATION</u>	<u>PROJECT TITLE</u>	<u>APPROP</u> <u>AMOUNT</u>	<u>AUTH</u> <u>AMOUNT</u>	N P E
NEVADA				
Nellis AFB				
	Dormitory (144 RM)	12,280	12,280	CMD
	F-22 Munitions Maintenance Facility	3,170	3,170	NM
	Land Acquisition	15,000	15,000	CM
	<u>Nellis AFB TOTAL:</u>	<u>30,450</u>	<u>30,450</u>	
	<u>NEVADA TOTAL:</u>	<u>30,450</u>	<u>30,450</u>	
NEW JERSEY				
McGuire AFB				
	C-17 Flightline Operations Facilities	24,631	24,631	NM
	<u>McGuire AFB TOTAL:</u>	<u>24,631</u>	<u>24,631</u>	
	<u>NEW JERSEY TOTAL:</u>	<u>24,631</u>	<u>24,631</u>	
NORTH CAROLINA				
Pope AFB				
	Dormitory (144 RM)	9,700	9,700	CMD
	<u>Pope AFB TOTAL:</u>	<u>9,700</u>	<u>9,700</u>	
	<u>NORTH CAROLINA TOTAL:</u>	<u>9,700</u>	<u>9,700</u>	
OHIO				
Wright-Patterson AFB				
	Dormitory (144 RM)	10,400	10,400	CMD
	<u>Wright-Patterson AFB TOTAL:</u>	<u>10,400</u>	<u>10,400</u>	
	<u>OHIO TOTAL:</u>	<u>10,400</u>	<u>10,400</u>	
TEXAS				
Lackland AFB				
	Student Dormitory (200 RM)	18,500	18,500	CMD
	<u>Lackland AFB TOTAL:</u>	<u>18,500</u>	<u>18,500</u>	
Sheppard AFB				
	Dormitory (144 RM)	10,000	10,000	CMD
	ENJJPT Flight Simulator	6,000	6,000	NM
	<u>Sheppard AFB TOTAL:</u>	<u>16,000</u>	<u>16,000</u>	
	<u>TEXAS TOTAL:</u>	<u>34,500</u>	<u>34,500</u>	
VIRGINIA				
Langley AFB				
	Dormitory (96 RM)	8,320	8,320	CMD
	F-22 Flight Simulator	8,120	8,120	NM
	F-22 Infrastructure and Utilities	10,700	10,700	NM
	F-22 Squadron Operations/AMU	20,800	20,800	NM
	<u>Langley AFB TOTAL:</u>	<u>47,940</u>	<u>47,940</u>	
	<u>VIRGINIA TOTAL:</u>	<u>47,940</u>	<u>47,940</u>	
	<u>INSIDE THE U.S. TOTAL:</u>	<u>358,600</u>	<u>358,600</u>	

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2003
CURRENT MISSION, NEW MISSION AND WORLDWIDE
(DOLLARS IN THOUSANDS)
OUTSIDE THE U.S.

<u>STATE/COUNTRY</u> <u>INSTALLATION</u> <u>CLASSIFIED LOCATIONS</u>	<u>PROJECT TITLE</u>	<u>APPROP</u> <u>AMOUNT</u>	<u>AUTH</u> <u>AMOUNT</u>	<u>TYPE</u>
Various OS	Classified MILCON Project	1.993	1,993	NM
	Force Protection of Facilities/Utilities/Infrastructure	23.000	23,000	NM
	<u>VARIOUS OS CLASSIFIED TOTAL:</u>		<u>24.993</u>	<u>24,993</u>
DIEGO GARCIA Diego Garcia	B-2 Aircraft Parking Apron	17,100	17,100	NM
	<u>Diego Garcia TOTAL:</u>	<u>17,100</u>	<u>17,100</u>	
	<u>DIEGO GARCIA TOTAL:</u>	<u>17.100</u>	<u>17,100</u>	
GERMANY Ramstein AB	Combined Fleet Service/In-Flight Kitchen	7.500	7,500	NM
	KMC Center Support	21,300	21,300	CM
	Passenger Terminal Annex	17,683	17,683	NM
	Ramp 1, Ph 1	23,700	23,700	CM
	<u>Ramstein AB TOTAL:</u>	<u>70.183</u>	<u>70,183</u>	
	<u>GERMANY TOTAL:</u>	<u>70,183</u>	<u>70.183</u>	
GUAM Andersen AFB	Fitness Center	16,000	16,000	CMQ
	<u>Andersen AFB TOTAL:</u>	<u>16,000</u>	<u>16,000</u>	
	<u>GUAM TOTAL:</u>	<u>16,000</u>	<u>16,000</u>	
KOREA Osan AB	Dormitory (156 RM)	15,100	15,100	CMQ
	<u>Osan AB TOTAL:</u>	<u>15,100</u>	<u>15,100</u>	
	<u>KOREA TOTAL:</u>	<u>15,100</u>	<u>15,100</u>	
SPAIN Rota	Aircraft Parking Apron Phase 1	31,818	31,818	NM
	<u>Rota TOTAL:</u>	<u>31,818</u>	<u>31,818</u>	
	<u>SPAIN TOTAL:</u>	<u>31,818</u>	<u>31,818</u>	

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2003
CURRENT MISSION, NEW MISSION AND WORLDWIDE
(DOLLARS IN THOUSANDS)
OUTSIDE THE U.S.

<u>STATE/COUNTRY</u>	<u>INSTALLATION</u>	<u>PROJECT TITLE</u>	<u>APPROP AMOUNT</u>	<u>AUTH AMOUNT</u>	<u>TYPE</u>
UNITED KINGDOM	RAF Fairford	B-2 Maintenance Hangar/Apron	19,000	19,000	NM
		<u>RAF Fairford TOTAL:</u>	<u>19,000</u>	<u>19,000</u>	
	RAF Lakenheath	Add To and Alter Fitness Center	10,800	10,800	CMQ
		Mobility Processing Facility	2,600	2,600	CM
		<u>RAF Lakenheath TOTAL:</u>	<u>13,400</u>	<u>13,400</u>	
		<u>UNITED KINGDOM TOTAL:</u>	<u>32,400</u>	<u>32,400</u>	
WAKE ISLAND	Wake Island	Repair Airfield Pavements, Ph 1	24,900	24,900	CM
		<u>Wake Island TOTAL:</u>	<u>24,900</u>	<u>24,900</u>	
		<u>WAKE ISLAND TOTAL:</u>	<u>24,900</u>	<u>24,900</u>	
		<u>OUTSIDE THE U.S. TOTAL:</u>	<u>232,494</u>	<u>232,494</u>	

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2003
CURRENT MISSION, NEW MISSION AND WORLDWIDE
(DOLLARS IN THOUSANDS)
WORLDWIDE

<u>STATE/COUNTRY</u> <u>INSTALLATION</u> <u>VARIOUS LOCATIONS</u> Various	<u>PROJECT TITLE</u>	<u>APPROP</u> <u>AMOUNT</u>	<u>AUTH</u> <u>AMOUNT</u>	TYPE
	Planning & Design	41,496	41,496	PLN
	Unspecified Minor Construction	11,500	11,500	P341
	<u>VARIOUS TOTAL:</u>	52,996	52,996	
	<u>INSIDE THE US TOTAL:</u>	358,600	358,600	
	<u>OUTSIDE THE US TOTAL:</u>	232,494	232,494	
	<u>FY 2003 TOTAL:</u>	644,090	644,090	

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INSTALLATIONS

**MILITARY CONSTRUCTION PROGRAM
 FY 2003 PRESIDENT'S BUDGET
 INSTALLATION INDEX**

<u>INSTALLATION</u>	<u>COMMAND</u>	<u>STATE/COUNTRY</u>	<u>PAGE</u>
ANDERSON AFB	PACAF	GUAM	175
BARKSDALE AFB	ACC	LOUISIANA	95
BEALE AFB	ACC	CALIFORNIA	63
BUCKLEY AFB	AFSPC	COLORADO	80
CLASSIFIED	VARIOUS	VARIOUS	88
CLEAR AS	AFSPC	ALASKA	31
DAVIS-MONTHAN AFB	ACC	ARIZONA	39
DIEGO GARCIA	PACAF	INDIAN OCEAN	157
EIELSON AFB	PACAF	ALASKA	35
HANSCOM AFB	AFMC	MASSACHUSETTS	99
HURLBURT AFB	AFSOC	FLORIDA	91
KEESLER AFB	AETC	MISSISSIPPI	103
LACKLAND AFB	AETC	TEXAS	129
LANGLEY AFB	ACC	VIRGINIA	140
LITTLE ROCK AFB	AETC	ARKANSAS	50
MCGUIRE AFB	AMC	NEW JERSEY	117
NELLIS AFB	ACC	NEVADA	107
OSAN AB	PACAF	KOREA	179
POPE AFB	AMC	NORTH CAROLINA	121

**MILITARY CONSTRUCTION PROGRAM
FY 2003 PRESIDENT'S BUDGET
INSTALLATION INDEX**

<u>INSTALLATION</u>	<u>COMMAND</u>	<u>STATE/COUNTRY</u>	<u>PAGE</u>
RAF FAIRFORD	USAFE	UNITED KINGDOM	187
RAF LAKENHEATH	USAFE	UNITED KINGDOM	191
RAMSTEIN AB	USAFE	GERMANY	161
ROTA	NAVY	SPAIN	183
SHEPPARD AFB	AETC	TEXAS	133
VANDENBERG AFB	AFSPC	CALIFORNIA	73
VARIOUS LOCATIONS	SUPPORT	WORLDWIDE	203
WAKE ISLAND	PACAF		198
WRIGHT-PATTERSON AFB	AFMC	OHIO	125

SPECIAL PROGRAM CONSIDERATIONS

**DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM
FISCAL YEAR 2003**

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 **w**ith Public **Law, 90-480**, provisions for **physically** handicapped personnel **will** be **provided** for, **w**here 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 2003 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 I 1990, 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 **FY 03 MILCON** request includes **\$16.5** million for requirements **necessary** to correct current environmental noncompliance situations and to prevent **future** noncompliance. The **environmental** compliance target areas for this program **include** **live** fire training facilities, hazardous material storage facilities, water distribution systems, **water treatment** facilities, and generator fuel storage tanks.

CONGRESSIONAL REPORTING REQUIREMENTS

1. STATEMENTS ON NATO ELIGIBILITY

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

2. STATEMENTS OS COMPLIANCE WITH CONSTRUCTION MANUAL 4210.111

These are in response to the requirement in the FY 1988 Senate Appropriations Conference Report, 100498, page 1003, and are included in each project justification.

3. NEW AND CURRENT MISSION ACTIVITIES

The FY 1989 Senate Appropriations Committee Report, 100-380, pages 10 and 11, identified a requirement to include an exhibit in the budget justification books that displayed required projects in two separate categories: **New Mission** and **Current Mission**. The **CM** (current mission) or **NM** (new mission) designation which follows the project on the listing at page 13 identifies each project as **new** or current mission. **Additionally**, each justification in Block 11 of the DD Form 1391 indicates whether the project supports a **new** or current mission.

4. RESOLUTION TRUST CORPORATION ASSETS

The FY 1991 Senate Armed Services Committee Report 101-38-1. **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 FY 03 **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 FY 03 projects requested.

5. REAL PROPERTY MAINTENANCE

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

6. METRIC CONVERSION

The **FY** 1999 House Appropriation Committee Report **105-578**, page 11, requested the Department to assure 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.

FY 2003
NON-MILCON FUNDING

Research and Development (**RDT&E**)

NONE

FY 2003

THIRD PARTY FINANCING

Test of long-term facilities contracts

NONE

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 **\$644,090,000** to remain **available** until September 30, 2006, Provided that, of this amount, not to exceed **\$41,496,000** 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.

BUDGET DATA

**INSIDE THE
UNITED STATES**

1. COMPONENT AIR FORCE	FY2003 MILITARY CONSTRUCTION PROGRAM (computer generated)							2. DATE																							
3. INSTALLATION AND LOCATION CLEAR AIR STATION, ALASKA				4. COMMAND AIR FORCE SPACE COMMAND				5. AREA CONST COST INDEX 1.61																							
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL																					
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV																						
	a. As of 30 Sep 00																														
b. End FY 2005																															
7. INVENTORY DATA \$(000)																															
a. Total Acreage: 11,438																															
b. Inventory Totals as of: 30 Sep 00 70																															
c. Authorization Not Yet In Inventory: 0																															
d. Authorization Requested In this Program: 14.400																															
e. Authorization Included In Following Program: (FY2004) 0																															
f. Planned in Next Four Program Years: 10.000																															
g. Remaining Deficiency: 0																															
h. Grand Total: 24.470																															
3. Projects Requested in this Program: FY2003																															
<table border="1"> <thead> <tr> <th>CATEGORY CODE</th> <th>PROJECT TITLE</th> <th>SCOPE</th> <th>COST \$(000)</th> <th>DESIGN STATUS</th> <th>START</th> <th>CMP</th> </tr> </thead> <tbody> <tr> <td>81 I-147</td> <td>Upgrade Power Plant</td> <td>1 LS</td> <td>\$14,400</td> <td>TURN KEY</td> <td></td> <td></td> </tr> <tr> <td colspan="3"></td> <td>Total</td> <td>\$14.400</td> <td></td> <td></td> </tr> </tbody> </table>											CATEGORY CODE	PROJECT TITLE	SCOPE	COST \$(000)	DESIGN STATUS	START	CMP	81 I-147	Upgrade Power Plant	1 LS	\$14,400	TURN KEY						Total	\$14.400		
CATEGORY CODE	PROJECT TITLE	SCOPE	COST \$(000)	DESIGN STATUS	START	CMP																									
81 I-147	Upgrade Power Plant	1 LS	\$14,400	TURN KEY																											
			Total	\$14.400																											
9a. Future Projects: Included in the Following Program: (FY2004) No Projects																															
9b. Future Projects: Typically Planned Next Four Years																															
610-127 BCE Complex 8,100 S M \$10,000																															
k. Real Property Maintenance Backlog This Installation 0																															
10. Mission or Major Functions: An Air Force Space Command installation which hosts a space warning squadron operating the Ballistic Missile Early Warning System (BMEWS).																															
1. Outstanding pollution and safety (OSHA) deficiencies:																															
a. Air pollution 0																															
b. Water pollution 0																															
c. Occupational Safety and Health 0																															
d. Other Environmental 0																															

1. COMPONENT AIR FORCE		FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)				2. DATE	
3. INSTALLATION AND LOCATION CLEAR AIR STATION, ALASKA			4. PROJECT TITLE UPGRADE POWER PLANT				
5. PROGRAM ELEMENT 35856		6. CATEGORY CODE 81	7. PROJECT NUMBER DXEB033333		8. PROJECT COST (\$000) 14,400		
9. COST ESTIMATES							
ITEM				JIM	QUANTITY	UNIT COST	COST (\$000)
UPGRADE POWER PLANT				LS			10,500
BAG HOUSES				LS			(7500)
BAGHOUSE ENCLOSURE				LS			(2100)
DIESEL-GENERATION				EA	2	450,000	(900)
SUPPORTING FACILITIES							2,418
FANS				EA	6	85,000	(510)
COMPRESSOR				EA	3	150,000	(450)
LIME STORAGE SILO				EA	1	600,000	(600)
LIME METERING SYSTEM				EA	3	75,000	(225)
LIME INJECTION SYSTEM				EA	3	91,000	(273)
OTHER SUPPORTING FACILITIES				EA	1	360,000	(360)
SUBTOTAL							12,918
CONTINGENCY (5.0%)							646
TOTAL CONTRACT COST							13,564
SUPERVISION, INSPECTION & OVERHEAD (6.5 %)							882
TOTAL REQUEST							14,446
TOTAL REQUEST (ROUNDED)							14,400
10. Description of Proposed Construction: Demolish dust collectors and associated ducting , remove existing stacks to below roof line, install new ductwork, air heaters, Hazardous Air Pollutant removal system, baghouses, ash handling equipment, baghouse preheat startup system, enclosure for baghouses and internal draft fans, and associated mechanical and electrical work. Install back up diesel-generation to allow operation of one boiler.							
11. REQUIREMENT: LS ADEQUATE: LS SUBSTANDARD: LS							
<u>PROJECT:</u> Upgrade power plant. (Current Mission)							
<u>REQUIREMENT:</u> This is a Level I environmental compliance requirement. Project will bring the Clear AFS Heat/Power Plant into compliance with the State of Alaska Department of Environmental Conservation (ADEC) Air Quality Permit and 18 Alaska Administrative Code 50.055. This plant currently exceeds capacity limits during boiler soot blows, start-up and shut down operations.							
<u>CURRENT SITUATION:</u> Clear Air Force Station currently operates 3 traveling grate, spreaderstoker coal-fired boilers, each rated at 100,000 pounds of steam per hour. Two boilers are on-line at all time providing power and heat to the station. The third boiler is in maintenance/stand-by status. ADEC issued an Air Quality Operating Permit, 00031 8TVP01 , to Clear AFS on January 21, 2000. The existing boilers do not meet the visible emissions (capacity) criteria of the new permit during soot blows. Each soot blow exceeds the permitted capacity allowed so the plant is in violation of the permit each time this operation is performed. Soot blows are performed between once per day to twice weekly depending on the operational status of the plant. Each deviation from the permitted conditions must be reported to ADEC within 48 hours of the occurrence. As a result of these exceedances, the 13 Space Warning Squadron (13 SWS) is liable for a Notice of Violation (NOV) and subsequent fine, up to \$27,500 per day, from the US Environmental Protection Agency (EPA). There is also a potential for lawsuits filed by citizen's groups due to Clear AFS continuing to operate in violation of the permit criteria and law. Air emissions							

1. COMPONENT] FY 2003 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
AIR FORCE		(computer generated)	
3. INSTALLATION AND LOCATION CLEAR AIR STATION, ALASKA		4. PROJECT TITLE UPGRADE POWER PLANT	
5. PROGRAM ELEMENT 35856	6. CATEGORY CODE 811-147	7. PROJECT NUMBER DXEB033333	8. PROJECT COST (\$000) 14.400
<p>would be reduced with a one boiler operation due to the efficiency. This operational configuration requires back up diesel-generators.</p> <p>IMPACT IF NOT PROVIDED: The 13th Space Warning Squadron will continue to be in violation of the Alaska Air Quality Permit leaving the US Air Force open to a Notice of Violation from the EPA. It is also possible that a citizen's group could file a suit against the US Air Force for non-compliance and the State of Alaska for not enforcing an existing permit. If a NOV is issued, the 13th Space Warning Squadron Commander and/or the 21st Space Wing Commander could be held personally liable by the courts and subjected to severe fines or criminal penalties.</p> <p>ADDITIONAL: Approval of this project will allow the US Air Force to negotiate a Compliance Agreement with both the state and federal agencies to prevent the issuance of a Notice of Violation and to shield against a civilian lawsuit during the planning, design and construction period. There is no criteria/scope for this project in Air Force Handbook 32-1084, 'Facilities Requirements'. Cost estimate and scope were developed by an engineering firm through a separate environmental and engineering options study. Base Civil Engineer: Lt Col William Valenti. 719-556-7631. Design Build - Design Build Cost (4% of Subtotal Cost): \$516,720.</p> <p>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 equipment.</p>			

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION CLEAR AIR STATION. ALASKA		
4. PROJECT TITLE JPGRAD POWER PLANT	5. PROJECT NUMBER DXEB033333	
<p>12. SUPPLEMENTAL DATA: Design Build</p> <p>a Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures</p> <p>(2) Basis:</p> <p style="padding-left: 20px;">(a) Standard or Definitive Design - NO</p> <p style="padding-left: 20px;">(b) Where Design Was Most Recently Used -</p> <p>(3) Design Allowance 388</p> <p>(4) Construction Contract Award Date 03 Jan</p> <p>(5) Construction Start 03 Mar</p> <p>(6) Construction Completion 05 Jan</p> <p>(7) Energy Study/Life-Cycle analysis was/will be performed YES</p> <p>b Equipment associated with this project will be provided from other appropriations: N/A</p>		

1. COMPONENT AIR FORCE	FY2003 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE				
3. INSTALLATION AND LOCATION EIELSON AIR FORCE BASE. ALASKA				4. COMMAND PACIFIC AIR FORCES				5. AREA CONST COST INDEX 1.74			
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL	
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
a. As of 30 Sep 01	256	2,766	1,019				54	113	574	4,782	
b. End FY 2005	260	2,792	1,017				54	113	574	4,810	
7. INVENTORY DATA \$(000)											
a. Total Acreage	19,985										
b. Inventory Totals as of: 30 Sep 01							671,493				
c. Authorization Not Yet In Inventory:							83,778				
d. Authorization Requested In this Program:							21,600				
e. Authorization Included In Following Program: (FY2004)							19,400				
f. Planned in Next Four Program Years.							64,950				
g. Remaining Deficiency.							280,181				
h. Grand Total:							1,141,402				
3. Projects Requested in this Program: FY2003											
CATEGORY CODE	PROJECT TITLE		SCOPE		COST \$(000)		DESIGN START	STATUS CMP			
821-117	Central Heat Plant Bag Houses		1 LS		\$21,600		MAY 01	SEP 02			
					Total		\$21,600				
9a. Future Projects: Included in the Following Program: (FY2004)											
721-312	Enlisted Dormitory (96 RM)		96 RM		\$13,400						
730-771	Replace Base Chapel Center		1.225 SM		\$6,000						
					Total		\$19,400				
9b. Future Projects: Typically Planned Next Four Years											
112-211	Repair Taxiway Echo Pavement		250 SM		\$2,500						
2 14-426	Construct Munitions Vehicle Heated Parking Facility		1.150 SM		\$2,650						
215-582	Munitions Surveillance & Inspection Fac		488 SM		\$3,500						
122-246	Construct Munitions Igloos		2.100 SM		\$7,000						
721-315	Cope Thunder Vaq. Phase 2		150 RM		\$16,000						
730-835	Consolidate Security Forces/OSI Complex		1.625 SM		\$5,300						
740-873	Replace Base Theater		1,700 SM		\$6,100						
370-185	Construct Loop Heat Plant		115 SM		\$12,000						
390-1 85	Repair Arctic Utilidors, Ph 4 of 8		1 LS		\$9,900						
c. Real Property Maintenance Backlog This Installation									81		
0. Mission or Major Functions: The host fighter wing supports an F-16 squadron, an A/OA-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. Outstanding pollution and safety (OSHA) deficiencies:											
a. Air pollution									0		
b. Water pollution									0		
c. Occupational Safety and Health									0		
d. Other Environmental									0		

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION EIELSON AIR FORCE BASE. ALASKA		4. PROJECT TITLE CENTRAL HEAT PLANT BAG HOUSES		
5. PROGRAM ELEMENT 27456	6. CATEGORY CODE 821-117	7. PROJECT NUMBER FTQW033015	8. PROJECT COST (\$000) 21.600	
9 COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
CENTRAL HEAT PLANT BAG HOUSES	LS			18.305
BAGHOUSE FACILITY ADDITIONS	SM	490	4.898	(2,400)
FILTER SYSTEMS	EA	6	1.800.000	(10.800)
ASH COLLECTION SYSTEM	EA	1	4.455.000	(4.455)
CONTROLS & INSTRUMENTATION	LS			(650)
SUPPORTING FACILITIES				1,070
SITE IMPROVEMENTS	LS			(320)
CONTAMINATED SOIL REMEDIATION	LS			(750)
SUBTOTAL				19,375
CONTINGENCY (5.0 %)				969
TOTAL CONTRACT COST				20.344
SUPERVISION. INSPECTION & OVERHEAD (6.5 %)				1.322
TOTAL REQUEST				21,666
TOTAL REQUEST (ROUNDED)				21.600

10. Description of Proposed Construction- Three-story baghouse addition on two sides of central heat/power plant with six filter systems, ash collection system, controls and instrumentation Site work and contaminated soil remediation All support utilities for a complete, environmentally sound collection system to bring particulate matter from coal burning activities into compliance with regulatory limits

11 REQUIREMENT LS ADEQUATE: LS SUBSTANDARD LS

PROJECT Construct central heat plant bag houses (Current Mission)

REQUIREMENT Two baghouse additions with properly sized and configured filter systems, ash collection system, and controls to properly collect particulate matter emissions generated from coal burning activities to comply with regulatory limits. Air quality requirements are set forth in State Air Quality Control Regulations, 18 Alaska Administrative Code (AAC) 50.055, Incinerator Emission Standards, and 18 AAC 50.1 10, Air Pollution Prohibited

CURRENT SITUATION: The central heat/power plant has 20 percent slipstream filters on four of six boilers. The existing filters are not capable of removal of particulate matter to required levels during startup, shutdown, soot-blowing, grate cleaning, and other required maintenance activities. All six boilers must be run below output capacity (100,000 lbs steam/hr versus 120,000 lbs steam/hr capacity) due to excess particulate matter emissions at higher loads. All of Eielson Air Force Base, a remote arctic base, is served by the central heat/power plant and is the primary source of electrical and steam generation. Eielson has been issued a Notice of Violation (NOV) by the Environmental Protection Agency (EPA) on 14 September 2000 Eielson is in negotiations with EPA to minimize fines that could run into the millions of dollars This project provides the necessary corrective action to bring the central heat/power plant into compliance to preclude further regulatory enforcement action

IMPACT IF NOT PROVIDED Eielson central heat/power plant will continue to be in non-compliance with State and Federal laws for emission of particulate matter, remain under NOV, and subject to millions of dollars in fines Also, extreme arctic temperatures that reach into the -60 degrees range could often demand the base run the boilers at a rate greater than at the current limits to keep emissions down The ability to provide sufficient heat in

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION EIELSON AIR FORCE BASE, ALASKA		4. PROJECT TITLE CENTRAL HEAT PLANT BAG HOUSES	
5. PROGRAM ELEMENT 27466	6. CATEGORY CODE 821-117	7. PROJECT NUMBER FTQW033015	8. PROJECT COST (\$000) 21.600

the winter is **critical** for the survivability Of personnel, **equipment, and execution** of **the** mission.

ADDITIONAL: Project meets the **criteria/scope** specified in Air Force **Handbook 32-1084**, *Facility Requirements.' BASE CIVIL ENGINEER: Lt Col **Zachmeier, 907-377-5213**.

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 equipment.

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE																										
3. INSTALLATION AND LOCATION WELSON AIR FORCE BASE, ALASKA																												
4. PROJECT TITLE CENTRAL HEAT PLANT BAG HOUSES	5. PROJECT NUMBER FTQW033015																											
<p>12. SUPPLEMENTAL DATA: Design, Bid, Build</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started</td> <td>24-MAY-01</td> </tr> <tr> <td>(b) Parametric Cost Estimates used to develop costs</td> <td>YES</td> </tr> <tr> <td>(c) Percent Complete as of Jan 02</td> <td>15 %</td> </tr> <tr> <td>(d) Date 35% Designed.</td> <td>20-SEP-01</td> </tr> <tr> <td>(e) Date Design Complete</td> <td>05-SEP-02</td> </tr> <tr> <td>(f) Energy Study/Life-Cycle analysis was/will be performed</td> <td>YES</td> </tr> </table> <p>(2) Basis:</p> <table border="0"> <tr> <td>(a) Standard or Definitive Design -</td> <td>NO</td> </tr> <tr> <td>(b) Where Design Was Most Recently Used -</td> <td></td> </tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications</td> <td>1,260</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td>630</td> </tr> <tr> <td>(c) Total</td> <td>1,890</td> </tr> <tr> <td>(d) Contract</td> <td>1,575</td> </tr> <tr> <td>(e) In-house</td> <td>315</td> </tr> </table> <p>(4) Constructron Contract Award Date 02 Oct</p> <p>(5) Constructron Start 02 Dec</p> <p>(6) Constructron Completion 04 Dec</p> <p>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>			(a) Date Design Started	24-MAY-01	(b) Parametric Cost Estimates used to develop costs	YES	(c) Percent Complete as of Jan 02	15 %	(d) Date 35% Designed.	20-SEP-01	(e) Date Design Complete	05-SEP-02	(f) Energy Study/Life-Cycle analysis was/will be performed	YES	(a) Standard or Definitive Design -	NO	(b) Where Design Was Most Recently Used -		(a) Production of Plans and Specifications	1,260	(b) All Other Design Costs	630	(c) Total	1,890	(d) Contract	1,575	(e) In-house	315
(a) Date Design Started	24-MAY-01																											
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1. COMPONENT AIR FORCE	FY2003 MILITARY CONSTRUCTION PROGRAM (computer generated)							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		
	a. As of 30 Sep 01	8 4 6	4,996	1,523				5	78		325
b. End FY 2005	848	5,115	1,521				5	78	325	7,892	
7. INVENTORY DATA \$(000)											
a. Total Acreage. 10,633											
b. Inventory Totals as of: 30 Sep 01 374.146											
c. Authorzabon Not Yet In Inventory: 13.695											
d. Authorizabon Requested In this Program: 19.270											
e. Authorzabon Included In Following Program: (FY2004) 14,700											
f. Planned in Next Four Program Years: 58.511											
g. Remaining Deficiency: 86,100											
h. Grand Total: 566,424											
8. Projects Requested in this Program: FY2003											
CATEGORY CODE	PROJECT TITLE	SCOPE	COST \$(000)	DESIGN START	STATUS CMP						
116-663	HH-60 Apron/Taxiway	D Shoulders	35.139 SM	\$3,720	JUN 01	SEP 02					
211-177	HH-60 Maintenance	Hangar	2,421 SM	\$6,440	MAR 01	SEP 02					
721-312	Dormitory (120 RM)		120 RM	\$9,110		TURN*					
			Total	\$19,270							
9a. Future Projects: Included in the Following Program: (FY2004)											
141-753	CSAR HC-130 Squadron	Operations/AMU	3.716 SM	57.300							
141-753	CSAR HH-60 Squadron	Operations/AMU	2.602 SM	\$6.200							
442-758	CSAR MRSP	Warehouse	1.115 SM	\$1.200							
			Total	\$14,700							
9b. Future Projects: Typically Planned Next Four Years											
116-672	CSAR HC-130	Wash Rack	1,784 SM	\$2,900							
1130-142	Fire/Crash	Rescue Station	3.500 SM	\$8,911							
1141-454	CSAR CRO-led	Rescue Squadron Facility	2,973 SM	\$3,600							
1141-753	EC-130 Squadron	Ops/AMU Facility (41st ECS)	3,984 SM	\$8,700							
1141-753	Replace EC-130	Squad Ops/AMU Facility (43rd ECS)	3,984 SM	\$8,600							
211-175	CSAR HC-130	Maintenance Hangar	2,416 SM	\$7,000							
610-281	Consolidated	Mission Support Center	3,000 SM	\$8,000							
721-312	Dormitory (120 RM)		120 RM	\$8,800							
740-884	CSAR Child	Development Center Addition	697 SM	\$2,000							
9c. Real Property Maintenance Backlog This Installation										61	
10. Mission or Major Functions: Headquarters 12th Air Force; a wing with two fighter training squadrons responsible for training all A/OA-10 aircrews; one A/OA-10 fighter squadron, two EC-130 electronic combat squadrons, a tactical air control wing; an Air Force Reserve HH-60 rescue squadron; and Air Force Material Command's Aerospace Maintenance and Regeneration Center											

1. COMPONENT AIR FORCE	FY2003 MILITARY CONSTRUCTION PROGRAM (computer generated)	2. DATE
3. INSTALLATION AND LOCATION DAVIS-MONTHAN-AIR FORCE BASE, ARIZONA	4. COMMAND AIR COMBAT COMMAND	5. AREA CONST COST INDEX 1.01
11. Outstanding pollution and safety (OSHA) deficiencies: <ul style="list-style-type: none"> <li data-bbox="274 342 1273 370">a. Air pollution 0 <li data-bbox="274 378 1273 406">b. Water pollution 0 <li data-bbox="274 414 1273 442">c. Occupational Safety and Health 0 <li data-bbox="274 451 1273 478">d. Other Environmental 0 		

1. COMPONENT		FY 2003 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
AIR FORCE		(computer generated)			
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA			DORMITORY (120 RM)		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
27596	721-312	FBNV023001	9.110		
9 COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
DORMITORY (120 RM)		RM	120		6.87:
DORMITORY		SM	3.960	1.718	(6,802
ANTITERRORISM FORCE PROTECTION		SM	3.960	18	(71
SUPPORTING FACILITIES					1,33E
UTILITIES		LS			(164
SITE IMPROVEMENTS		LS			(303
PAVEMENTS		LS			(178
DEMOLITION		SM	3.744	90	(337
ASBESTOS/LEAD BASED PAINT ABATEMENT		LS			(288
COMMUNICATIONS DUCT		LS			(68
SUBTOTAL					8,211
CONTINGENCY (5.0 %)					411
TOTAL CONTRACT COST					8,621
SUPERVISION, INSPECTION & OVERHEAD (5.7 %)					491
TOTAL REQUEST					9,113
TOTAL REQUEST (ROUNDED)					9.110
10. Description of Proposed Construction: A three-story reinforced concrete foundation and floor slabs, masonry walls and roofs. Includes room-bath-room modules, kitchens, laundry rooms, storage, lounge areas, site preparation, and all other supporting facilities. Complies with DoD interim minimum force protection construction standard. Air Conditioning: 350 KW Grade Mix: 120 EI-E4.					
11. REQUIREMENT: 1.422 RM ADEQUATE: 756 RM SUBSTANDARD RM					
<u>PROJECT:</u> Construct a dormitory. (current mission)					
<u>REQUIREMENT:</u> 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. The retention of these highly trained airmen is essential to our readiness posture and continuing world-wide presence. Complies with the DoD Interim minimum force protection construction standard.					
<u>CURRENT SITUATION:</u> The base has insufficient on-base housing to accommodate the unaccompanied enlisted personnel. This project is in accordance with the Air Force Dormitory Master Plan.					
<u>IMPACT IF NOT PROVIDED:</u> 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.					
<u>ADDITIONAL:</u> This project meets the criteria/scope specified in the new uniform barracks construction standard, known as "one-plus-one" established by OSD. All known alternative options were considered during					

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
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3. INSTALLATION <u>AND</u> LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	4. PROJECT TITLE DORMITORY (120 RM)
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5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER FBNV02300 1	8. PROJECT COST (\$000) 9.110
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the development of this project. No other options could meet the **mission requirements**; therefore, no **economic** analysis was needed or performed. FY00 Unaccompanied Housing RPM Conducted: **\$4,019K**; FY01 Unaccompanied Housing RPM Conducted: **\$3,228K**. Future Unaccompanied Housing RPM requirements (estimated): FY02: **\$2,585K**; FY03: **\$2,065K**; FY04: **\$2,200K**. BCE: Lt Col Theresa C. Carter, (520) 2283401. Dormitory: 3,960 SM = 42610 SF. Design Build • Design Build Cost (4% of Subtotal Cost): \$330,000.

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

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA		
1. PROJECT TITLE DORMITORY (120 RM)		5. PROJECT NUMBER FBNV023001
<p>12. SUPPLEMENTAL DATA: Design Build</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures</p> <p>(2) Basis:</p> <p style="padding-left: 20px;">(a) Standard or Definitive Design - NO</p> <p style="padding-left: 20px;">(b) Where Design Was Most Recently Used -</p> <p>(3) Design Allowance 248</p> <p>(4) Construction Contract Award Date 02 Oct</p> <p>(5) Construction Start 02 Dec</p> <p>(6) Construction Completion 04 Aug</p> <p>(7) Energy Study/Life-Cycle analysis was/will be performed YES</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>		

1. COMPONENT AIR FORCE		FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)				2. DATE	
3. INSTALLATION		AND LOCATION		4. PROJECT TITLE			
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA		HH-60 APRON/TAXIWAY D SHOULDERS					
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
27224		116-663		FBNV033005		3.720	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
HH-60 APRON/TAXIWAY D SHOULDERS				SM	35.139		2.551
AIRCRAFT PARKING APRON				SM	16,723	125	(2.090)
APRON/TAXIWAY DELTA SHOULDERS				SM	18.416	25	(460)
SUPPORTING FACILITIES							796
SITE IMPROVEMENTS				LS			(28)
UTILITIES				LS			(8)
PAVEMENT DEMOLITION				SM	15.514	49	(760)
SUBTOTAL							3.346
CONTINGENCY (5.0 %)							167
TOTAL CONTRACT COST							3.514
SUPERVISION, INSPECTION & OVERHEAD (5.7 %)							200
TOTAL REQUEST							3,714
TOTAL REQUEST (ROUNDED)							3.720
10. Description of Proposed Construction: Concrete apron with asphalt shoulders for medium-heavy loads, asphalt shoulders on taxiway delta, demolition of deteriorated concrete (15.514 SM), site improvements, clearing and grubbing, apron lights, and all necessary support							
11. REQUIREMENT 35.139 SM ADEQUATE SM SUBSTANDARD 9.290 SM							
<u>PROJECT</u> HH-60 parking apron/asphalt shoulders and asphalt shoulders on taxiway delta (New Mission)							
<u>REQUIREMENT:</u> The apron is required to support the HH-60 Combat Search and Rescue (CSAR) beddown mission at Davis-Monthan AFB beginning in FY03. Adequate aircraft parking is required to complete pre-flight operations and minor aircraft maintenance. The apron supports a squadron with 8 HH-60 aircraft							
<u>CURRENT SITUATION.</u> Adequate aircraft parking apron is not available on the installation for this new mission beddown.							
<u>IMPACT IF NOT PROVIDED.</u> The CSAR beddown mission will be jeopardized. Unacceptable work arounds would include sharing parking aprons with existing missions, placing aircrews and maintenance personnel at high risk. This will negatively impact the HH-60 mission capabilities							
<u>ADDITIONAL:</u> This project meets the criteria/scope specified in AFH 32-1084, "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 Theresa Carter (520) 228-3401. Aircraft Parking Apron: 16,723 SM = 179,940 SF. Apron/Taxiway Delta Shoulders: 18.416 SM = 198,156 SF							

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE. ARIZONA		4. PROJECT TITLE HH-60 APRON/TAXIWAY D SHOULDERS	
5. PROGRAM ELEMENT 27224	6. CATEGORY CODE 116-663	7. PROJECT NUMBER FBNV033005	8. PROJECT COST (\$000) 3,720

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

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE																										
3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA																												
4. PROJECT TITLE HH-60 APRON/TAXIWAY D SHOULDERS	5. PROJECT NUMBER FBNV033005																											
<p>12. SUPPLEMENTAL DATA: Design, Bid, Build</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 80%;">(a) Date Design Started</td> <td style="text-align: right;">11-JUN-01</td> </tr> <tr> <td>(b) Parametric Cost Estimates used to develop costs</td> <td style="text-align: right;">YES</td> </tr> <tr> <td>(c) Percent Complete as of Jan 02</td> <td style="text-align: right;">15 %</td> </tr> <tr> <td>(d) Date 35% Designed.</td> <td style="text-align: right;">19-SEP-01</td> </tr> <tr> <td>(e) Date Design Complete</td> <td style="text-align: right;">12-SEP-02</td> </tr> <tr> <td>(f) Energy Study/Life-Cycle analysis was/will be performed</td> <td style="text-align: right;">NO</td> </tr> </table> <p>(2) Basis:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 80%;">(a) Standard or Definitive Design -</td> <td style="text-align: right;">NO</td> </tr> <tr> <td>(b) Where Design Was Most Recently Used -</td> <td></td> </tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications</td> <td style="text-align: right;">225</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td style="text-align: right;">113</td> </tr> <tr> <td>(c) Total</td> <td style="text-align: right;">336</td> </tr> <tr> <td>(d) Contract</td> <td style="text-align: right;">300</td> </tr> <tr> <td>(e) In-house</td> <td style="text-align: right;">38</td> </tr> </table> <p>(4) Construction Contract Award Date 02 Dec</p> <p>(5) Construction Start 03 Feb</p> <p>(6) Construction Completion 04 Feb</p> <p>. Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>			(a) Date Design Started	11-JUN-01	(b) Parametric Cost Estimates used to develop costs	YES	(c) Percent Complete as of Jan 02	15 %	(d) Date 35% Designed.	19-SEP-01	(e) Date Design Complete	12-SEP-02	(f) Energy Study/Life-Cycle analysis was/will be performed	NO	(a) Standard or Definitive Design -	NO	(b) Where Design Was Most Recently Used -		(a) Production of Plans and Specifications	225	(b) All Other Design Costs	113	(c) Total	336	(d) Contract	300	(e) In-house	38
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3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE. ARIZONA				4. PROJECT TITLE HH-60 MAINTENANCE HANGAR			
5. PROGRAM ELEMENT 27224		6. CATEGORY CODE 21 I-177	7. PROJECT NUMBER FBNV033004		8. PROJECT COST (\$000) 6.440		
9 COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
IH-60 MAINTENANCE HANGAR				SM	2.421		3,845
MAINTENANCE HANGAR				SM	2.421	1.580	(3,825
ANTITERRORISM FORCE PROTECTION				SM	2.421	8	(19
SUPPORTING FACILITIES							1,960
UTILITIES				LS			(400
PAVEMENTS				LS			(465
SITE IMPROVEMENTS				LS			(29
RAMP LIGHTING				LS			(500
DEMOLITION				SM	743	216	(160
WAREHOUSE				SM	466	870	(405
SUBTOTAL							5,804
CONTINGENCY (5.0 %)							290
TOTAL CONTRACT COST							6,095
SUPERVISION, INSPECTION & OVERHEAD (5 7 %)							347
TOTAL REQUEST							6,442
TOTAL REQUEST (ROUNDED)							6,440
10. Description of Proposed Constructron: Split-faced block with reinforced concrete foundation and floor slab, standing seam metal roof. fire detection/protection, utilities, site improvements, ramp lighting, parking, roads, and all necessary support Includes the demolition and reconstruction of a warehouse (466 SM) in the way of construction Force protection will comply with DoD interim minimum standards Air Conditioning 106 KW							
11. REQUIREMENT: 20.801 SM ADEQUATE. 18.380 SM SUBSTANDARD: SM							
<u>PROJECT</u> Construct a 2-bay HH-60 maintenance hangar. (New mission)							
<u>REQUIREMENT:</u> This facility supports the HH-60 Combat Search and Rescue (CSAR) beddown mission at Davis-Monthan AFB beginning in FY03. The project is for a squadron with 8 HH-60s. The squadron requires space for personnel to maintain and service the HH-60 helicopter and associated weapon systems. In addition o hangar space, an armory, weapons release area, and administrative space are also required							
<u>CURRENT SITUATION.</u> This is a new mission requirement and there are no existing facilities that can support he beddown of an HH-60 Squadron.							
<u>MPACT IF NOT PROVIDED.</u> Adequate facilities will not be available to perform essential maintenance and repair of HH-60 aircraft. Lack of facilities will result in the use of unacceptable work arounds, impacting ACC's operational capabilities.							
<u>ADDITIONAL:</u> The project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options was done and indicates only one option meets operational requirements. Full economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Theresa Carter, (520) 228-3401. Maintenance Hangar: 2,421 SM = 6,050 SF.							

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3 INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA		4 PROJECT TITLE HH-60 MAINTENANCE HANGAR	
5. PROGRAM ELEMENT 27224	6 CATEGORY CODE 211-177	7 PROJECT NUMBER FBNV033004	8 PROJECT COST (\$000) 6,440
<p style="text-align: center;"> JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components. </p>			

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(d) Contract	500																											
(e) In-house	85																											

1. COMPONENT AIR FORCE	FY2003 MILITARY CONSTRUCTION PROGRAM (computer generated)							2. DATE		
3. INSTALLATION AND LOCATION LITTLE ROCK AIR FORCE BASE. ARKANSAS				4. COMMAND AIR EDUCATION AND TRAINING COMMAND				5. AREA CONST COST INDEX 0		
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. As of 30 Sep 00	642	3,793	1,166							5.601
b. End FY 2005	642	3,824	1,169							5.635
7. INVENTORY DATA \$(000)										
a. Total Acreage	6,898									
b. Inventory Totals as of: 30 Sep 00	248.994									
c. Authorization Not Yet In Inventory.	39.790									
d. Authorization Requested In this Program:	25.600									
e. Authorization Included In Following Program: (FY2004)	0									
f. Planned in Next Four Program Years.	24,900									
g. Remaining Deficiency:	63,610									
h. Grand Total:	402.894									
3. Projects Requested in this Program: FY2003										
CATEGORY					COST DESIGN STATUS					
CODE	PROJECT TITLE				SCOPE	\$(000)	START	CMP		
171-618	C-130J Maintenance Training Facility				1 LS	\$8.100	TURN KEY			
171-625	ADAL C-1 30J Aircrew Fuselage Trainer				0	\$2.500	TURN KEY			
211-111	C-130J Maintenance Hangar				0	\$12.900	TURN KEY			
211-157	C-1 30J Engine/Propeller Storage Facility				1 LS	\$2.100	TURN KEY			
						Total	\$25.600			
a. Future Projects: Included in the Following Program: (FY2004) No Projects										
b. Future Projects: Typically Planned Next Four Years										
211-111	Construct C-1 30 Maintenance Hangar				6.003 SM	\$12,900				
724-417	Construct Visiting Quarters				6.492 SM	\$9,100				
740-884	Child Development Center				1.597 SM	\$2,900				
c. Real Property Maintenance Backlog This Installation										70
10. Mission or Major Functions: An airlift wing with five C-1 30 squadrons conducting operations and training -- the only DoD C-1 30 training base; an Air Mobility Command airlift group with C-1 30 aircraft; an ANG C-1 30 airlift wing; and an AFRC aerial port squadron.										
1. Outstanding pollution and safety (OSHA) deficiencies:										
a. Air pollution										20
b. Water pollution										815
c. Occupational Safety and Health										0
d. Other Environmental										0

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION LITTLE ROCK AIR FORCE BASE, ARKANSAS			4. PROJECT TITLE ADAL C-130J AIRCREW FUSELAGE TRAINER	
5. PROGRAM ELEMENT 41132	6. CATEGORY CODE 171-625	7. PROJECT NUMBER NKAK043005	8. PROJECT COST (\$000) 2.566	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY	LS			2,147
ADAL C-130J AIRCREW FUSELAGE TRAINER FACILITY	SM	1,110	1,915	(2,126)
ANTI-TERRORISM/FORCE PROTECTION	LS			(21)
SUPPORTING FACILITIES				103
UTILITIES	LS			(50)
PAVEMENTS	LS			(43)
SITE IMPROVEMENTS	LS			(8)
DEMOLITION	SM	56	59	(3)
SUBTOTAL				2,250
CONTINGENCY (5.0%)				113
TOTAL CONTRACT COST				2,363
SUPERVISION, INSPECTION & OVERHEAD (5.7 %)				135
TOTAL REQUEST				2,497
TOTAL REQUEST (ROUNDED)				2,500
10. Description of Proposed Construction: Constructs addition and alters B-253, including demolition of a dock structure. Includes concrete foundation, steel structure, masonry walls, sloping roof and fire protection systems. Facility includes areas for aircrew fuselage trainers, admin, offices, shop, storage, latrines, loading dock, and mech/elec rooms with utilities and necessary support. Air Conditioning: 84 KW				
11. REQUIREMENT: 3,205 SM ADEQUATE: 0 SM SUBSTANDARD: 2,095 SM PROJECT: ADAL C-1 30J Aircrew Fuselage Trainer Facility. (New Mission) REQUIREMENT: An adequate facility, climatic controlled, property sized and configured for aircrew training with a Rear Cabin Trainer (RCT) of a C-130J-30 aircraft fuselage. This facility is required for support of new mission to house, maintain, and train aircrews to operate C-1 30J-30 aircraft. The facility will be used to house new C-1 30J-30 high-fidelity aircrew training devices and provide space for associated student classrooms and instructor staff. Force Protection measures will be incorporated IAW USAF Installation Force Protection Guide. New aircraft are due to start arriving at Little Rock in FY 04. CURRENT SITUATION: Existing facility is sized and configured for the older C-130E/H aircraft fuselage frames and training devices. Existing facility will not accommodate the longer C-130J-30 (RCT) fuselage airframe and additional computerized training devices associated with the new Major Weapon System (MWS) aircraft, and increased student loadmaster throughput. Adequate space for (RCT) aircraft fuselage, computer operating systems, training devices, and training operations area is not available in the current facility. IMPACT IF NOT PROVIDED: New C-130J-30 aircraft cannot be supported and not available to perform training mission. Workarounds to support aircraft training results in a negative impact on overall mission performance and flying operations. Workarounds identified limit flying training operations requiring classroom and "hands-on" instruction to be conducted on dedicated flight training assets. Workarounds identified are short term at best involving expensive long-term storage of aircrew training devices until space is built. A RCT is funded in FY 02 which will determine the delivery date. If facility is not prepared, estimated commercial climate controlled storage				

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
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3. INSTALLATION AND LOCATION LITTLE ROCK AIR FORCE BASE, ARKANSAS	4. PROJECT TITLE ADAL C-130J AIRCREW FUSELAGE TRAINER
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5. PROGRAM ELEMENT 41132	6. CATEGORY CODE 171-625	7. PROJECT NUMBER NKAK043005	8. PROJECT COST (\$000) 2,500
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cost is over one million annually.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084. "Facilities Requirements". All known alternative options were considered during the development of this project. No other options could meet the mission requirements, therefore no Economic Analysis was required or performed. A certificate of exception has been prepared." BCE: Lt Col Michael Falino. DSN 731-3322. ADAL Aircrew Fuselage Trainer Facility, 1 ,110 SM = 1 1.948 SF.

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

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
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3. INSTALLATION AND LOCATION
LITTLE ROCK AIR FORCE BASE, ARKANSAS

4. PROJECT TITLE ADAL C-130J AIRCREW FUSELAGE TRAINER	5. PROJECT NUMBER NKAK043005
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12. SUPPLEMENTAL DATA:	Design Build
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) Design Allowance	675
(4) Constructron Contract Award Date	02 Nov
(5) Construction Start	03 Jan
(6) Constructron Completion	03 Dec
(7) Energy Study/Life-Cycle analysis was/will be performed	YES
b. Equipment associated with this project will be provided from other appropriations: N/A	

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION LITTLE ROCK AIR FORCE BASE, ARKANSAS		4. PROJECT TITLE C-130J ENGINE/PROPELLER STORAGE FACILITY		
5. PROGRAM ELEMENT 41132	6. CATEGORY CODE 211-157	7. PROJECT NUMBER NKAK043003	8. PROJECT COST (\$000) 2.100	
9 COST ESTIMATES				
ITFM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY	LS			1.827
ENGINE/PROPELLER STORAGE FACILITY	SM	1,142	1,584	(1.809)
ANTI-TERRORISM/FORCE PROTECTION	LS			(18)
SUPPORTING FACILITIES				101
UTILITIES	LS			(50)
PAVEMENTS	LS			(43)
SITE IMPROVEMENTS	LS			(8)
SUBTOTAL				1,928
CONTINGENCY (5.0 %)				96
TOTAL CONTRACT COST				2,024
SUPERVISION, INSPECTION & OVERHEAD (5.7 %)				115
TOTAL REQUEST				2.140
TOTAL REQUEST (ROUNDED)				2.100
<p>0 Description of Proposed Construction: Project constructs Engine/Prop Storage Facility to include concrete foundation/slab, steel structure, masonry walls, sloping roof and fire protection systems. Facility includes admin, training offices, shop, tool storage, latrines, and mechanical/ electrical rooms with associated utilities and necessary support. Project displaces one soccer field to be replaced under the scope of this project.</p> <p>Air Conditioning: 50 KW</p>				
<p>11. REQUIREMENT: 3,375 SM ADEQUATE: SM SUBSTANDARD: SM</p> <p><u>PROJECT:</u> Construct Engine/Propeller Maintenance and Storage Facility for C-130J aircraft (New Mission)</p> <p><u>REQUIREMENT:</u> Adequate facilities, properly sized and configured for performing aircraft maintenance and storage of individually unique C-130J aircraft power plant and propeller assemblies, are required for support of new mission to house, maintain, and train on new C-130J aircraft. Force Protection measures will be incorporated IAW USAF Installation Force Protection Guide. New aircraft are due to start arriving at Little Rock in FY04.</p> <p><u>CURRENT SITUATION:</u> Existing C-130 OH engine and propeller maintenance and storage facilities are at maximum capacity without the additive new mission. Existing engine maintenance and storage facilities are utilized by both 314th Maintenance Squadron and the AMC Engine Regional Repair Center (ERRC).</p> <p><u>IMPACT IF NOT PROVIDED:</u> Adequate space to perform maintenance and storage of these C-130J specific engine and propeller assemblies is not available requiring workarounds to support new aircraft at a minimum level resulting in a negative impact on mission performance and flying operations. There are no other facilities available to accommodate this requirement to support the new mission. Workarounds will have a significant impact on the effectiveness of the entire C-130J mission.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facilities Requirements". All known alternative options were considered during the development of this project. No other options could meet the mission requirements, therefore no Economic Analysis was required or performed. A Certificate of Exception has been prepared. BCE: Lt Col Michael Falino, DSN 731-3322, Construct C-130J Engine/Propeller Storage Facility, 3,375 SM = 36,328 SF."</p>				

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION LITTLE ROCK AIR FORCE BASE. ARKANSAS		4. PROJECT TITLE C-130.J ENGINE/PROPELLER STORAGE FACILITY	
5. PROGRAM ELEMENT 41132	6. CATEGORY CODE 21 I-157	7. PROJECT NUMBER NKAK043003	8. PROJECT COST (\$000) 2.100

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

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION LITTLE ROCK AIR FORCE BASE, ARKANSAS		
4. PROJECT TITLE D-130J ENGINE/PROPELLER STORAGE FACILITY		5. PROJECT NUMBER NKAK043003
<p>12. SUPPLEMENTAL DATA: Design Build</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures</p> <p>(2) Basis:</p> <p style="padding-left: 20px;">(a) Standard or Definitive Design - NO</p> <p style="padding-left: 20px;">(b) Where Design Was Most Recently Used -</p> <p>(3) Design Allowance 58</p> <p>(4) Construction Contract Award Date 02 Nov</p> <p>(5) Construction Start 03 Jan</p> <p>(6) Construction Completion 03 Dec</p> <p>(7) Energy Study/Life-Cycle analysis was/will be performed YES</p> <p>c. Equipment associated with this project will be provided from other appropriations: N/A</p>		

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION LITTLE ROCK AIR FORCE BASE, ARKANSAS		4. PROJECT TITLE C-130J MAINTENANCE HANGAR		
5. PROGRAM ELEMENT 41132	6. CATEGORY CODE 211-111	7. PROJECT NUMBER NKAK023005	8. PROJECT COST (\$000) 12.900	
9 COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY	LS			9.88
C-130J MAINTENANCE HANGAR	SM	6.003	1.630	(9.78
ANTI-TERRORISM/FORCE PROTECTION	LS			(99.33
SUPPORTING FACILITIES				1.73
UTILITIES	LS			(73
PAVEMENTS	LS			(64
SITE IMPROVEMENTS	LS			(11
DEMOLITION	SM	1.695	59	(10
LOX PLANT RELOCATION	SM	91	1,630	(14
SUBTOTAL				11.62
CONTINGENCY (5.0 46)				581
TOTAL CONTRACT COST				12.204
SUPERVISION, INSPECTION & OVERHEAD (5 7 %)				69
TOTAL REQUEST				12,900
TOTAL REQUEST (ROUNDED)				12,900
10. Description of Proposed Construction: Concrete foundation, steel structure, masonry walls, sloping roof and fire protection systems. Areas Include: Two aircraft maintenance bays, administration, training offices, general purpose shop, tool storage, latrines, mechanical/electrical rooms, utilities and necessary support. Demolishes four facilities (1,695 SM) Includes asbestos and lead paint abatement Air Conditioning 88 KW				
11. REQUIREMENT. 6.094 SM ADEQUATE SM SUBSTANDARD SM <u>PROJECT</u> Construct a C-130J Maintenance Hangar (New Mission) <u>REQUIREMENT</u> Adequate facility, properly sized and configured for aircraft maintenance of individually unique test and evaluation of systems and high-priority test programs. are required for support of new mission to house, maintain, and train on new C130J-30 aircraft. Facility provides aircraft jacking, flight control replacement, rigging, and other required heavy maintenance Force Protection measures will be incorporated IAW USAF Installation Force Protection Guide. New aircraft are due to start arriving at Little Rock in FY04. <u>CURRENT SITUATION.</u> 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 <u>IMPACT IF NOT PROVIDED-</u> Significant Impact on the Wing's ability to perform maintenance and accommodate future mission requirements. New C-130J aircraft cannot be supported and may not be available for training mission. Maintenance operations will require extreme workarounds to minimally support new aircraft. Workarounds identified are short term at best and involves providing aircraft maintenance in open areas and inclement weather. There are no approved full jacking spots on flightline and, due to EPA and OSHA concerns and regulations, only minor fuel cell maintenance can be performed <u>ADDITIONAL:</u> Protect meets the criteria/scope specified in Air Force Handbook 32-1084, "Facilities				

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
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3. INSTALLATION AND LOCATION LITTLE ROCK AIR FORCE BASE, ARKANSAS	4. PROJECT TITLE C-130J MAINTENANCE HANGAR
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5. PROGRAM ELEMENT 41132	6. CATEGORY CODE 211-111	7. PROJECT NUMBER NKAK023005	6. PROJECT COST (\$000) 12,900
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Requirements*. All known **alternatives** were considered during the development of **this** project. No other **option** can meet the **mission** requirements, therefore no **Economic** Analysis was **required** or performed. A certificate of exception has been prepared. The **Liquid Oxygen (LOX)** storage facility function will be relocated, as all facilities are in the footprint of the new facility. Project completes a portion of the Long-Range **Flightline Plan.** BCE: Lt Col Michael Falino, DSN 731-3322. Construct C-130J Maintenance Hangar. 6.094 SM = 65.571 SF.

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

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION LITTLE ROCK AIR FORCE BASE, ARKANSAS		
4. PROJECT TITLE C-130J MAINTENANCE HANGAR	5. PROJECT NUMBER NKAK023005	
<p>12. SUPPLEMENTAL DATA: Design Build</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures</p> <p>(2) Basis:</p> <p style="padding-left: 40px;">(a) Standard or Definitive Design - NO</p> <p style="padding-left: 40px;">(b) Where Design Was Most Recently Used -</p> <p>(3) Design Allowance 516</p> <p>(4) Construction Contract Award Date 02 Nov</p> <p>(5) Construction Start 03 Jan</p> <p>(6) Construction Completion 04 Jun</p> <p>(7) Energy Study/Life-Cycle analysis was/will be performed YES</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>		

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION LITTLE ROCK AIR FORCE BASE, ARKANSAS		4. PROJECT TITLE C-130J MAINTENANCE TRAINING FACILITY		
5. PROGRAM ELEMENT 41132	6. CATEGORY CODE 171-618	7. PROJECT NUMBER NKAK043004	8. PROJECT COST (\$000) 8.100	
9 COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY	LS			6.02:
C-130J MAINTENANCE TRAINING FACILITY	SM	3.130	1.905	(5.96:
ANTI-TERRORISM/FORCE PROTECTION	LS			(60
SUPPORTING FACILITIES				1.276
UTILITIES	LS			(603
PAVEMENTS	LS			(522
SITE IMPROVMENTS	LS			(92
DEMOLITION	SM	556	105	(58
SUBTOTAL				7.296
CONTINGENCY (5.0 %)				365
TOTAL CONTRACT COST				7.663
SUPERVISION, INSPECTION & OVERHEAD (5.7 %)				437
TOTAL REQUEST				8.100
TOTAL REQUEST (ROUNDED)				8.100
10. Description of Proposed Constructron: Construct Maintenance Training Facility. Includes concrete foundation, steel structure, masonry walls, sloping roof, fire protection, aircraft MTC, admin, office, shop, tool storage, mech/elec, utilities, and support areas. Includes landing gear, integrated cockpit systems, flight control training, and engine/prop trainers Project displaces outdoor sports facilities to be replaced under this project Air Conditioning 236 KW				
11. REQUIREMENT 3.130 SM ADEQUATE SM SUBSTANDARD SM				
<u>PROJECT:</u> Construct C-130J Maintenance Training Facility (New Mission)				
<u>REQUIREMENT:</u> An adequate facility, properly sized and configured for aircraft maintenance in support of new mission to train maintenance personnel on the C-130J aircraft Facility will be used to house new C-130J high fidelity maintenance training devices, existing C-130E/H maintenance training devices, 373TRS (Field Training Detachment) and maintenance training personnel. Additional classroom and office space is required to handle both the increased student throughput and 18 additional maintenance training personnel. In addition, space will be provided for AMCAOS Del 3 and Det 4 in support of new C-130J aircrew training mission Force Protection measures will be incorporated IAW USAF Installation Force Protection Guide. New aircraft are due to start arriving at Little Rock in FY04				
<u>CURRENT SITUATION:</u> Existing facilities are sized and structured for the older C-130E/H maintenance training devices. Existing facilities will not accommodate the additive C-130J maintenance training devices, 18 additional maintenance training personnel, or the anticipated increase in student throughput				
<u>IMPACT IF NOT PROVIDED:</u> Task performance, knowledge, and ability to perform training cannot be achieved. Quality of training will suffer. C-130J aircraft cannot be supported and will be unavailable to perform the training mission Space for maintenance and operations training is unavailable; workarounds result in a negative impact on mission performance and flying operations, which require classroom and "hands-on" instruction to be conducted on dedicated flight training assets Workarounds identified are short term at best and involve expensive, long-term, storage of maintenance training devices until space is built.				

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
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3. INSTALLATION AND LOCATION LITTLE ROCK AIR FORCE BASE, ARKANSAS	4. PROJECT TITLE C-130J MAINTENANCE TRAINING FACILITY
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5. PROGRAM ELEMENT 41132	6. CATEGORY CODE 171-618	7. PROJECT NUMBER NKAK043004	8. PROJECT COST (\$000) 8,100
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ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, 'Facility Requirements.' All known alternative options were considered during development of this project. No other options could meet the mission requirements, therefore no Economic Analysis was required or performed. A certificate of exception has been prepared. * BCE: LTC Michael Falino. DSN 731-3322, C-130J Maintenance Training Facility. * 3,130 SM = 33.691 SF

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

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION LITTLE ROCK AIR FORCE BASE, ARKANSAS		
4. PROJECT TITLE B-130J MAINTENANCE TRAINING FACILITY	5. PROJECT NUMBER NKAK043004	
<p>12. SUPPLEMENTAL DATA: Design Build</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures</p> <p>(2) Basis:</p> <p style="padding-left: 20px;">(a) Standard or <i>Definitive</i> Design - NO</p> <p style="padding-left: 20px;">(b) Where Design Was Most Recently Used -</p> <p>(3) Design Allowance 218</p> <p>(4) Construction Contract Award Date 02 Nov</p> <p>(5) Construction Start 03 Jan</p> <p>(6) Construction Completion 04 Mar</p> <p>(7) Energy Study/Life-Cycle analysis was/will be performed YES</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>		

1. COMPONENT AIR FORCE	FY2003 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA				4. COMMAND AIR COMBAT COMMAND			5. AREA CONST COST INDEX 1.22			
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. As of 30 Sep 01	299	2,537	381				81	312	32	3,642
b. End FY 2005	299	2,537	381				81	312	32	3,642
7 INVENTORY DATA \$(000)										
a. Total Acreage.	22.944									
b. Inventory Totals as of 30 Sep 01	290.870									
c. Authorization Not Yet In Inventory	8.900									
d. Authorization Requested In this Program	11,740									
e. Authorization Included In Following Program (FY2004)	26.600									
f. Planned in Next Four Program Years	58.400									
g. Remaining Deficiency	26.814									
h. Grand Total	431,324									
3. Projects Requested in this Program FY2003										
CATEGORY CODE	PROJECT TITLE	SCOPE		COST \$(000)	DESIGN START	STATUS CMP				
141-753	Global Hawk Squadron Operations/Maintenance Facility	1 LS		\$3.670	AUG 01	SEP 02				
211-173	Global Hawk Upgrade Maintenance Dock	1 LS		\$4.600	AUG 01	SEP 02				
722-351	Global Hawk Dining Facility	693 SM		\$3.470	AUG 01	SEP 02				
				Total	\$11,740					
1a Future Projects: Included in the Following Program (FY2004)										
211-173	Global Hawk Upgrade Dock 3	1 LS		\$3.300						
721-312	Global Hawk Dormitory (144 RM)	144 RM		\$16.000						
721-312	Dormitory	75 RM		\$7.300						
				Total	\$26.600					
1b Future Projects Typically Planned Next Four Years										
131-111	Communications Operations Center	2.360 SM		\$7,900						
211-159	Aircraft Corrosion Control Facility	1.950 SM		\$16.500						
211-173	Global Hawk Upgrade Dock 2	1 LS		\$3.000						
211-175	Flightline Hangar Upgrade	7.677 SM		\$21,000						
724-417	Global Hawk Visiting Quarters	75 RM		\$10,000						
c. Real Property Maintenance Backlog This Installation 80										
0 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 Force 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										
1. Outstanding pollution and safety (OSHA) deficiencies										
a. Air pollution										0
b. Water pollution										0
c. Occupational Safety and Health										0
d. Other Environmental										0

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2 DATE
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE GLOBAL HAWK DINING FACILITY		
5. PROGRAM ELEMENT 35205	6. CATEGORY CODE 722-351	7 PROJECT NUMBER BAEY041009	8 PROJECT COST (\$000) 3.470	
9 COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
GLOBAL HAWK DINING FACILITY	SM	693		2,404
DINING FACILITY	SM	693	3.435	(2,380)
ANTITERRORISM/FORCE PROTECTION	SM	693	34	(24)
SUPPORTING FACILITIES				73c
UTILITIES	LS			(170)
SITE IMPROVEMENTS	LS			(110)
PAVEMENT	LS			(250)
COMMUNICATIONS DUCT	LS			(50)
RELOCATE AIRFIELD LIGHTING	LS			(150)
SUBTOTAL				3,134
CONTINGENCY (5.0 %)				157
TOTAL CONTRACT COST				3,291
SUPERVISION, INSPECTION & OVERHEAD (5.7 %)				188
TOTAL REQUEST				3,478
TOTAL REQUEST (ROUNDED)				3,470
10. Description of Proposed Construction: Dining facility with concrete foundation, masonry block walls, standing seam metal roof, utilities, pavements, fire detection/suppression, site improvements, landscaping, and all necessary support. Complies with DoD interim minimum force protection construction standards. Air Conditioning 50 KW				
11. REQUIREMENT 693 SM ADEQUATE SM SUBSTANDARD SM				
<u>PROJECT:</u> Construct a global hawk dining facility (New Mission)				
<u>REQUIREMENT:</u> The Global Hawk mission beddown will begin in FY 2002, with 600 personnel and eight aircraft arriving by FY 2005. An adequate flightline dining hall at Beale is critical due to the significant increase of personnel related to the Global Hawk mission. The existing dining hall lacks space for food preparation and for seating of the additional Global Hawk personnel. The flightline at Beale is separated by seven miles from the main base and principle dining facility. Complies with DoD interim minimum force protection construction standards				
<u>CURRENT SITUATION:</u> Building 1086 houses the dining facility, mobility processing/storage, aircraft maintenance shops, and flying administrative functions. The Burch Inn dining facility occupies 558 SM in building 1086. Construction of a new dining facility will provide additional space within building 1086, adjacent to the former fire station area, for the beddown of Global Hawk				
<u>IMPACT IF NOT PROVIDED:</u> Global Hawk and flightline personnel will have no suitable dining space for use. Personnel will be forced to use overcrowded existing dining facility, degrading morale				
<u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared. Base Civil Engineer Lt Col Thomas M Laffey. (530) 634-2942 Dining Facility: 693				

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE GLOBAL HAWK DINING FACILITY	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)
7 2 352052 -	3 5 1	BAEY041009	3.470

SM = 7,457 SF

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

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE GLOBAL HAWK DINING FACILITY	5. PROJECT NUMBER BAEY041009	
12: SUPPLEMENTAL DATA: Design, Bid, Build		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		06-AUG-01
(b) Parametric Cost Estimates used to develop costs		YES
(c) Percent Complete as of Jan 02		15 %
(d) Date 35% Designed.		20-SEP-01
(e) Date Design Complete		03-SEP-02
(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		210
(b) All Other Design Costs		105
(c) Total		315
(d) Contract		280
(e) In-house		35
(4) Construction Contract Award Date		02 Nov
(5) Construction Start		03 Jan
(6) Construction Completion		03 Nov
. Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.		
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE GLOBAL HAWK SQUADRON OPERATIONS/MAINTENANCE FACILITY		
5. PROGRAM ELEMENT 35205	6. CATEGORY CODE 141-753	7. PROJECT NUMBER BAEY031003	8. PROJECT COST (\$000) 3,670	
9 COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
GLOBAL HAWK SQUADRON OPS/MAINT FACILITY	LS			2,586
RENOVATE SQUADRON OPERATIONS	LS			(886)
RENOVATE MAINTENANCE FACILITY	LS			(1700)
SUPPORTING FACILITIES				730
UTILITIES	LS			(300)
PAVEMENT	LS			(200)
SITE IMPROVEMENTS	LS			(150)
EXTERIOR ENTRY	LS			(80)
SUBTOTAL				3,316
CONTINGENCY (5.0 %)				166
TOTAL CONTRACT COST				3,482
SUPERVISION, INSPECTION & OVERHEAD (5.7 %)				198
TOTAL REQUEST				3,680
TOTAL REQUEST (ROUNDED)				3,670
10. Description of Proposed Construction: Convert a portion of building 1025 for Global Hawk operations functions and a portion of building 1086 for Global Hawk maintenance functions. Work includes partitions finishes, HVAC addition, electrical and plumbing upgrades, exterior entry, and parking lot modifications.				
11 REQUIREMENT LS ADEQUATE- LS SUBSTANDARD LS				
<u>PROJECT</u> Renovate for Global Hawk a squadron operations and maintenance building (New Mission)				
<u>REQUIREMENT</u> The Global Hawk mission beddown will begin in FY 2002, with 600 personnel and eight aircraft arriving by FY 2005. It is critical to start MILCON construction in FY 2003 for the Global Hawk beddown. Administration offices, maintenance, training, and planning areas are required to prepare and execute Global Hawk missions supporting the two Global Hawk squadrons. The first squadron activates in FY03 and the second squadron activates in FY04. Initial Operations Capability is scheduled for first quarter in FY05.				
<u>CURRENT SITUATION</u> Building 1025 is the focal point of all 9th Reconnaissance Wing squadron operations. It also houses the squadron commanders, various mission planning and maintenance functions for scheduling, sensors, avionics, and storage. Global Hawk squadron operations will be located in building 1025 to share briefing rooms and mission planning areas. Co-location of Global Hawk operations and training personnel with corresponding U-2 functions will foster an environment that fully supports incorporation of the Global Hawk team, as U-2 and Global Hawk perform similar missions. Building 1025 has approximately 930 SM of high-bay space. This space is available for conversion to Global Hawk operations to effect combined U-2 and Global Hawk mission planning. Building 1086 houses the dining facility, mobility processing/storage area, maintenance shops, administrative functions, and a former fire station. Renovating the dining facility and fire station areas will provide 1486 SM for Global Hawk use.				
<u>IMPACT IF NOT PROVIDED</u> Global Hawk squadron administration, operations, and maintenance personnel will not have suitable space in which to perform their mission/functions. Global Hawk beddown and the overall reconnaissance mission will be severely impacted.				
<u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility				

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE GLOBAL HAWK SQUADRON OPERATIONS/MAINTENANCE FACILITY	
5. PROGRAM ELEMENT 35205	6. CATEGORY CODE 141-753	7. PROJECT NUMBER BAEY031003	8. PROJECT COST (\$000) 3,670

Requirements.' All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Thomas M. Laffey. (530) 634-2942.

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

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1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE																										
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA																												
1. PROJECT TITLE GLOBAL HAWK SQUADRON OPERATIONS/MAINTENANCE FACILITY	5. PROJECT NUMBER BAEY031003																											
<p>12. SUPPLEMENTAL DATA: Design, Bid, Build</p> <p>a. Estimated Desrgn Data:</p> <p>(1) Status:</p> <table border="0" style="width: 100%;"> <tr> <td style="padding-left: 20px;">(a) Date Design Started</td> <td style="text-align: right;">06-AUG-01</td> </tr> <tr> <td style="padding-left: 20px;">(b) Parametric Cost Estimates used to develop costs</td> <td style="text-align: right;">YES</td> </tr> <tr> <td style="padding-left: 20px;">(c) Percent Complete as of Jan 02</td> <td style="text-align: right;">15 %</td> </tr> <tr> <td style="padding-left: 20px;">(d) Date 35% Designed.</td> <td style="text-align: right;">12-SEP-01</td> </tr> <tr> <td style="padding-left: 20px;">(e) Date Design Complete</td> <td style="text-align: right;">10-SEP-02</td> </tr> <tr> <td style="padding-left: 20px;">(f) Energy Study/Life-Cycle analysis was/will be performed</td> <td style="text-align: right;">YES</td> </tr> </table> <p>(2) Basis:</p> <table border="0" style="width: 100%;"> <tr> <td style="padding-left: 20px;">(a) Standard or Definitive Design -</td> <td style="text-align: right;">NO</td> </tr> <tr> <td style="padding-left: 20px;">(b) Where Design Was Most Recently Used -</td> <td></td> </tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <table border="0" style="width: 100%;"> <tr> <td style="padding-left: 20px;">(a) Production of Plans and Specifications</td> <td style="text-align: right;">222</td> </tr> <tr> <td style="padding-left: 20px;">(b) All Other Design Costs</td> <td style="text-align: right;">111</td> </tr> <tr> <td style="padding-left: 20px;">(c) Total</td> <td style="text-align: right;">333</td> </tr> <tr> <td style="padding-left: 20px;">(d) Contract</td> <td style="text-align: right;">277</td> </tr> <tr> <td style="padding-left: 20px;">(e) In-house</td> <td style="text-align: right;">56</td> </tr> </table> <p>(4) Constructron Contract Award Date 02 Nov</p> <p>(5) Constructron Start 03 Jan</p> <p>(6) Construction Completion 03 Nov</p> <p>. Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.</p> <p>i. Equipment associated with this project will be provided from other appropriations: W A</p>			(a) Date Design Started	06-AUG-01	(b) Parametric Cost Estimates used to develop costs	YES	(c) Percent Complete as of Jan 02	15 %	(d) Date 35% Designed.	12-SEP-01	(e) Date Design Complete	10-SEP-02	(f) Energy Study/Life-Cycle analysis was/will be performed	YES	(a) Standard or Definitive Design -	NO	(b) Where Design Was Most Recently Used -		(a) Production of Plans and Specifications	222	(b) All Other Design Costs	111	(c) Total	333	(d) Contract	277	(e) In-house	56
(a) Date Design Started	06-AUG-01																											
(b) Parametric Cost Estimates used to develop costs	YES																											
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(d) Date 35% Designed.	12-SEP-01																											
(e) Date Design Complete	10-SEP-02																											
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1. COMPONENT AIR FORCE		FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE			
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA				4. PROJECT TITLE GLOBAL HAWK UPGRADE MAINTENANCE DOCK				
5. PROGRAM ELEMENT 35205		6. CATEGORY CODE 21 I-173	7. PROJECT NUMBER BAEY031004		8. PROJECT COST (\$000) 4.600			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
GLOBAL HAWK UPGRADE MAINTENANCE DOCK					LS			2.890
INTERIOR UPGRADES					LS			(950)
EXTERIOR UPGRADES					LS			(1940)
SUPPORTING FACILITIES								1.275
UTILITIES					LS			(1.150)
SITE IMPROVEMENTS					LS			(125)
SUBTOTAL								4.165
CONTINGENCY (5.0 %)								208
TOTAL CONTRACT COST								4,373
SUPERVISION, INSPECTION & OVERHEAD (5.7 %)								249
TOTAL REQUEST								4,623
TOTAL REQUEST (ROUNDED)								4,600
10. Description of Proposed Construction. Install high-expansion foam fire suppression system, repair electrical distribution and lighting systems and bring them up to explosion-proof criteria, repair HVAC systems, repair various structural elements and roof, apply protective coatings Construct offices Provide all necessary lead paint and asbestos abatement.								
11 REQUIREMENT LS ADEQUATE: LS SUBSTANDARD. LS								
PROJECT. Global Hawk upgrade maintenance dock (New Mission)								
REQUIREMENT Global Hawk maintenance personnel require covered hangar space to perform aircraft maintenance for five aircraft simultaneously. The existing dock 6 will be upgraded to provide two covered spaces.								
CURRENT SITUATION. Dock 6 was constructed in 1958 and lacks a foam fire suppression system required to extinguish aircraft fires. The roof leaks and the antiquated electrical distribution system is dangerous. The outdoor switchgear is no longer waterproof. HVAC equipment and hangar doors are inoperable. Lighting is insufficient. The hangar insulation contains asbestos and structural steel is covered with lead based paint.								
IMPACT IF NOT PROVIDED: Global Hawk will have insufficient space to maintain its aircraft This will severely impact aircraft generation and result in degrading the overall reconnaissance mission.								
ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements " All known alternatives were considered during the development of this project No other option could meet the mission requirements; therefore, no economic analysis was needed or performed A certificate of exception has been prepared. Base Civil Engineer. Lt Col Thomas M. Laffey. (530) 634-2942.								

1. COMPONENT AIR FORCE		FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA			4. PROJECT TITLE GLOBAL HAWK UPGRADE MAINTENANCE DOCK	
5. PROGRAM ELEMENT 35205	6. CATEGORY CODE 21 I-173	7. PROJECT NUMBER BAEY03 1004	8. PROJECT COST (\$000) 4.600	

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

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2 DATE
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA		
4 PROJECT TITLE GLOBAL HAWK UPGRADE MAINTENANCE DOCK		5 PROJECT NUMBER BAEY031004
12 SUPPLEMENTAL DATA: Design, Bid, Build		
a. Estimated Design Data		
(1) Status		
(a) Date Design Started		06-AUG-01
(b) Parametric Cost Estimates used to develop costs		YES
(c) Percent Complete as of Jan 02		15 %
(d) Date 35% Designed		18-SEP-01
(e) Date Design Complete		10-SEP-02
(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		279
(b) All Other Design Costs		140
(c) Total		419
(d) Contract		372
(e) In-house		47
(4) Construction Contract Award Date		02 Nov
(5) Construction Start		03 Jan
(6) Construction Completion		04 Jan
. Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability		
b. Equipment associated with this project will be provided from other appropriations N/A		

1. COMPONENT AIR FORCE		FY2003 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION VANDENBERG AIR FORCE BASE, CALIFORNIA				4. COMMAND AIR FORCE SPACE COMMAND				5. AREA CONST COST INDEX 1.2			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		O	F	F	ENL	CIV	OFF	ENL	CIV	OFF	
a. As of 30 Sep 01		597	2,217	2,813							5.627
b. End FY 2005		586	2,212	2,805							5.603
7. INVENTORY DATA \$(000)											
a. Total Acreage.		115.513									
b. Inventory Totals as of 30 Sep 01		1.255.286									
c. Authorzation Not Yet In inventory		16.504									
d. Authorzation Requested In this Program		10.500									
e. Authorzation Included In Following Program (FY2004)		0									
f. Planned in Next Four Program Years		66.109									
g. Remaining Deficiency		65.473									
h. Grand Total		1.413.872									
8. Projects Requested in this Program FY2003											
CATEGORY		PROJECT TITLE				SCOPE		COST \$(000)		DESIGN STATUS	
CODE								START	CMP		
841-161	Upgrade Water Distribution System, Ph 2				17.100 LM		57,400	APR 01	AUG 02		
871-183	Install Stormwater Drainage				1.590 LM		\$3,100	TURNKEY			
							Total \$10.500				
9a. Future Projects Included in the Following Program (FY2004) No Projects											
9b. Future Projects- Typically Planned Next Four Years											
141-385	Consolidated Voice/Data Network				1.163 SM		\$12,209				
141-386	Air Field Fence				15.600 M		\$800				
149-962	Air Traffic Control Tower				390 SM		\$4,900				
214-467	Refueling Vehicle Maintenance Shop				325 SM		\$1,300				
310-243	Alter HQ Facility 7000				15.000 SM		\$9,000				
730-441	Replace Education Center				3.540 SM		\$13,200				
740-674	Replace Fitness Center				6,220 SM		\$16,500				
740-675	Base Library				1.200 SM		\$2,900				
740-884	Add/Alter Child Development Center				1.163 SM		\$5,300				
c. Real Property Maintenance Backlog This Installation										100	
0. Mission or Major Functions: Headquarters Fourteenth Air Force; a space wing with UH-1 aircraft; West Coast space launch and missile test operations; an Air Education and Training Command space and missile operations and maintenance training group, an Air Force Reserve Command space operations squadron; and an Air National Guard space operations squadron											
1. Outstanding pollution and safety (OSHA) deficiencies											
a. Air pollution		2,250									
b. Water pollution		5,900									
c. Occupational Safety and Health		100									
d. Other Environmental		4,090									