

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ANDERSEN AIR FORCE BASE, GUAM		4. PROJECT TITLE WAR RESERVE MATERIALS STORAGE	
5. PROGRAM ELEMENT 28031	6. CATEGORY CODE 442-758	7. PROJECT NUMBER AJJY963110	8. PROJECT COST (\$000) 19,593

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	15-APR-03
(b) Parametric Cost Estimates used to develop costs	YES
• (c) Percent Complete as of 01 JAN 2004	15%
• (d) Date 35% Designed	01-SEP-03
(e) Date Design Complete	01-JUL-04
(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):

(a) Production of Plans and Specifications	1,176
(b) All Other Design Costs	588
(c) Total	1,764
(d) Contract	1,470
(e) In-house	294

(4) Construction Contract Award	05 PEB
(5) Construction Start	05 APR
(6) Construction Completion	07 APR

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

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

N/A

1. COMPONENT AIR FORCE			FY 2005 MILITARY CONSTRUCTION PROGRAM						2. DATE		
3. INSTALLATION AND LOCATION AVIANO AIR BASE ITALY				4. COMMAND: UNITED STATES AIR FORCE, EUROPE			5. AREA CONST COST INDEX 1.38				
6. Personnel Strength AS OF 30 SEP 03 END FY 2008	PERMANENT			STUDENTS			SUPPORTED			TOTAL	
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
	436	3,728	644	0	0	0	711	309	584		
	433	3,729	628	0	0	0	71	309	584	5,754	
7. INVENTORY DATA (\$000)											
. Total Acreage: 1,335											
. Inventory Total as of : (30 Sep 03) 805,533											
. Authorization Not Yet in Inventory: 38,800											
. Authorization Requested in this Program: 6,760											
. Authorization Included in the Following Program: (FY 2006) 17,850											
Planned in Next Three Years Program: 4,450											
. Remaining Deficiency: 17,700											
. Grand Total: 891,093											
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2005)											
CATEGORY				COST		DESIGN		STATUS			
CODE	PROJECT TITLE			SCOPE		\$.000	A	R	T	CMPL	
13-321	North Ramp PH II			6,206 SM		1,626	Apr-03			Sep-04	
71-212	Flight Simulator			560 SM		2,834	Apr-03			Sep-04	
71-875	Add/Alter Weapons Load/Maintenance Training Facility			6,058 SM		2,300	Apr-03			Sep-04	
Total						6,760					
9a. Future Projects: Included in the Following Program: (FY2006)											
42-758	ACS Warehouse			2,000 SM		5,400					
10-127	Contracting/CPO Facility			1,041 SM		4,150					
10-243	Consolidated Support Center, Ph II			2,720 SM		8,300					
Total						17,850					
9b. Future Projects: Typical Planned Next Three Years:											
13-321	Expand North Ramp, Phase 1			6,116 SM		1,500					
37-253	Family Support Center			776 SM		2,950					
Total						4,450					
9c. Real Property Maintenance Backlog This Installation (\$M) 68											
10. Mission or Major Functions: A host fighter wing supporting two F-16 squadrons, multiservice/multinational forces in support of OPERATION JOINT GUARDIAN and headquarters Sixteenth Air Force.											
11. Outstanding pollution and Safety (OSHA) Deficiencies:											
a. Air pollution 0											
b. Water Pollution 0											
c. Occupational Safety and Health 0											
d. Other Environmental 0											

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION AVIANO AIR BASE, ITALY		4. PROJECT TITLE AIRFIELD OBSTRUCTION - EXPAND NORTH RAMP PH 2		
5. PROGRAM ELEMENT 22176	6. CATEGORY CODE 113-321	7. PROJECT NUMBER ASHE003003	8. PROJECT COST (\$000) 1,626	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT	COST
EXPAND NORTH RAMP PH 2				778
EXPAND NORTH RAMP PAVEMENT MARKINGS (8" WIDE)	SM	6,206	82	(509)
ASPHALT SHOULDERS	LS			(1)
SUPPORTING FACILITIES	SM	9,560	20	(268)
UTILITIES	LS			685
COMMUNICATION SUPPORT	LS			(105)
AIRCRAFT TIE-DOWNS/GROUNDING POINTS	LS			(75)
SITE IMPROVEMENTS	LS			(95)
DEMOLITION	SM	334	1,077	(50)
SUBTOTAL				(360)
CONTINGENCY (5.0 %)				1,462
TOTAL CONTRACT COST				73
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)				1,535
TOTAL REQUEST				100
TOTAL REQUEST (ROUNDED)				1,635
10. Description of Proposed Construction: Construct 6,206 SM of concrete pavement 30 cm (11.3 inches) deep over select base course 20 cm (7.9 inches) deep to support large aircraft (C-5, C-17 and E-5 aircraft). Demo of three buildings and existing pavements totaling 334 SM. Clearing, grubbing, leveling, compacting, paving, tie-downs, grounding, drainage, electricity, lighting, pavement markings, and relocation of comm system.				
11. REQUIREMENT: 240,557 SM ADEQUATE: 80,677 SM SUBSTANDARD: 83,764 SM PROJECT: Expand North Ramp Phase 2 (Current Mission) REQUIREMENT: Provide additional aircraft parking for Air Mobility Command large frame aircraft. The new ramp space will remove large frame aircraft from within restricted airfield clearance and setback zones. Supporting facility costs exceed 25% of primary facilities due to associated demolition. CURRENT SITUATION: Location of current NATO ramp falls within FAA and AF 7:1 airfield obstruction criteria. A waiver is required to use this ramp. The three aprons used for large frame aircraft are too small to support the number of large aircraft transiting in and out of the base. To work around this deficiency, the base utilizes three additional aprons which are not designed to support large aircraft. They do not allow for proper wing tip clearance. On several occasions, the taxiways were used for parking to prevent delaying aircraft missions. Some aircraft squadrons must double park causing violations in minimum parking distances outlined in AFMH 32-1123, "Airfield & Heliport Planning and Design". This parking apron will also eliminate airfield obstructions caused by parked helicopters on the site.				

3. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
1. INSTALLATION AND LOCATION AVIANO AIR BASE, ITALY			4. PROJECT TITLE AIRFIELD OBSTRUCTION - EXPAND NORTH RAMP PH 2	
5. PROGRAM ELEMENT 22176	6. CATEGORY CODE 113-321	7. PROJECT NUMBER ASHE003003	8. PROJECT COST (\$000) 1,626	
<p><u>IMPACT IF NOT PROVIDED:</u> Flight operations remain constrained with the potential for air/ground conflicts. Regularly occurring delays will continue until more parking aprons are available. Due to the constant shuffling of aircraft, the potential for a ground accident will remain high unless the new aprons are constructed. Man-hours will continue to be uselessly expended toward constant rearranging of heavy airframes. Existing pavements will continue to fail under aircraft wheel loads and risk damage to the aircraft.</p> <p><u>ADDITIONAL:</u> This project is not currently eligible for NATO funding. This project meets the criteria/scope specified in AFH 32-1084, "Facility Requirements.- Design and construction must be completed in accordance with Italian laws and norms and will be designed and constructed to meet the stricter of Italian or US standards. This project requires US/Italian Mixed Commission approval. Base Civil Engineer: Lt Col Timothy S. Green, 0039-0434-665720. Expand North Ramp: 6,206 SM = 66,777 SF; Asphalt Shoulders: 1,560 SM = 102,865 SF.</p> <p><u>FOREIGN CURRENCY:</u> FCF Budget Rate Used: EURO-DOLLAR 1.0314</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>				

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE																										
3. INSTALLATION AND LOCATION AVIANO AIR BASE, ITALY		4. PROJECT TITLE AIRFIELD OBSTRUCTION - EXPAND NORTH RAMP PH 2																											
5. PROGRAM ELEMENT 22176	6. CATEGORY CODE 113-321	7. PROJECT NUMBER ASHE003003	8. PROJECT COST (\$000) 1,626																										
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started</td> <td>10-APR-03</td> </tr> <tr> <td>(b) Parametric Cost Estimates used to develop costs</td> <td>YES</td> </tr> <tr> <td>• (c) Percent Complete as of 01 JAN 2004</td> <td>15%</td> </tr> <tr> <td>• (d) Date 35% Designed</td> <td>01-AUG-03</td> </tr> <tr> <td>(e) Date Design Complete</td> <td>01-SEP-04</td> </tr> <tr> <td>(f) Energy Study/Life-Cycle analysis was/will be performed</td> <td>NO</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>107</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td>53</td> </tr> <tr> <td>(c) Total</td> <td>160</td> </tr> <tr> <td>(d) Contract</td> <td>133</td> </tr> <tr> <td>(e) In-house</td> <td>26</td> </tr> </table> <p>(4) Construction Contract Award 05 JAN</p> <p>(5) Construction Start 05 FEB</p> <p>(6) Construction Completion 05 DEC</p> <p>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</p> <p>b. Equipment associated with this project provided from other appropriations: N/A</p>				(a) Date Design Started	10-APR-03	(b) Parametric Cost Estimates used to develop costs	YES	• (c) Percent Complete as of 01 JAN 2004	15%	• (d) Date 35% Designed	01-AUG-03	(e) Date Design Complete	01-SEP-04	(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	107	(b) All Other Design Costs	53	(c) Total	160	(d) Contract	133	(e) In-house	26
(a) Date Design Started	10-APR-03																												
(b) Parametric Cost Estimates used to develop costs	YES																												
• (c) Percent Complete as of 01 JAN 2004	15%																												
• (d) Date 35% Designed	01-AUG-03																												
(e) Date Design Complete	01-SEP-04																												
(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	107																												
(b) All Other Design Costs	53																												
(c) Total	160																												
(d) Contract	133																												
(e) In-house	26																												

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION AVIANO AIR BASE, ITALY		4. PROJECT TITLE ADD/ALTER WEAPONS LOAD/MAINT TRNG	
5. PROGRAM ELEMENT 22176	6. CATEGORY CODE 171-875	7. PROJECT NUMBER ASHE053005N	8. PROJECT COST (\$000) 2,300
9. COST ESTIMATES			
ITEM	U/M	QUANTITY	UNIT COST
ADAL WEAPONS LOAD/MAINTENANCE TRNG FAC (US)			1,925
CONSTRUCT ADDITION	SM	1,614	855 (1,380)
RENOVATE WEAPONS LOAD FACILITY	SM	4,444	99 I (440)
ANTITERRORISM FORCE PROTECTION	SM	6,058	17 (105)
SUPPORTING FACILITIES			120
UTILITIES	I I LS		(60)
COMMUNICATION SUPPORT	LS		(40)
PASSIVE FORCE PROTECTION	LS		(20)
SUBTOTAL			2,045
CONTINGENCY (5.0 %)			102
TOTAL CONTRACT COST			2,147
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)			140
TOTAL REQUEST			2,207
TOTAL REQUEST (ROUNDED)			2,300
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)			(200.0)
10. Description of Proposed Construction: Renovate and construct a two-story addition to Hangar 3. Construction consists of a metal structure with reinforced concrete foundation and floor slab. Facility includes all required utilities. Renovation will include reconfiguring existing hangar for new functions. Project demolishes 11 portable shelters. Facility will meet regional force protection requirements.			
11. REQUIREMENT: 6,255 SM ADEQUATE: 0 SM SUBSTANDARD: 2,247 SM			
PROJECT: Weapons Load/Maintenance Training Facility (Current Mission)			
REQUIREMENT: Provide an adequate permanent weapons load and maintenance training, field training detachment, and life support facilities in support of aircrew-training activities. This project includes adequate dock space, administration and records, classrooms, and other supporting spaces. It must also be capable of providing the necessary maintenance capability required to inspect, maintain, and repair the F-16 combat aircraft. AT/FP costs on this project are higher due to required standoff distance from adjacent road.			
CURRENT SITUATION: The current aircraft maintenance hangar, constructed in 1944, cannot be used for F-16 maintenance and/or aircraft technical training because the existing floor has deteriorated significantly. The rear-shop maintenance areas are not configured to provide the required maintenance and technical training areas. The facility is in an un-usable state due to inadequate electrical, HVAC, mechanical, communications, and spatial layout configuration problems. The shop has been used for office space with several interim repairs, but is insufficient in accordance with contemporary engineering technical standards. The current Weapons Load, Maintenance Training, Field Training and Life Support/Aircrew Survival Training operations are located in three separate Protected Aircraft Shelters (PAS), two flow-thru aircraft			

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION AVIANO AIR BASE, ITALY		4. PROJECT TITLE ADD/ALTER WEAPONS LOAD/MAINT TRNG	
5. PROGRAM ELEMENT 22176	6. CATEGORY CODE 171-875	7. PROJECT NUMBER ASHE053005N	8. PROJECT COST (\$000) 2,300

helters, and eight portable/temporary buildings. These functions are occupying available aircraft parking spaces. The current facility, Hangar 3, is used for Supply mobility/warehouse operations and Traffic Management freight operations and will move into a new facility built by NATO.

IMPACT IF NOT PROVIDED: Without this project, vital training activities will continue to be performed in substandard conditions. This will seriously compromise weapons load/maintenance readiness and the base's flying mission. The maintenance squadron will continue to perform in less than desirable conditions. This deficiency increases frequency of maintenance, delays response time, and reduces flying hours; reducing overall NATO mission support capability. Training requirements are high due to routine CS moves, multiple types of munitions, and multiple models of aircraft. The absence of an adequate facility limits training opportunities and number of trained technicians available for duty.

ADDITIONAL: Project is eligible for NATO funding and will be conjunctively funded. NATO funded portion (\$3.7M) provides for restoration of Hangar 3 and modification of interior of Hangar. Project complies with space criteria outlined in AFH 32-108, "Facility requirements." Design and construction must be completed in accordance with Italian laws and norms and will be designed and constructed to meet the stricter of Italian or US standards. A preliminary analysis of reasonable options was done and indicates that only one option meets operational requirements, therefore an economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Timothy S. Green, 0039-0434-665720. Construct Addition: 1,614 SM = 17,373 SF; Renovate Weapons Load Facility: 4,444 SM = 47,035 SF.

FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR 1.0314

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

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION AVIANO AIR BASE, ITALY		4. PROJECT TITLE ADD/ALTER WEAPONS LOAD/MAINT TRNG	
5. PROGRAM ELEMENT 22176	6. CATEGORY CODE 171-875	7. PROJECT NUMBER ASHE053005N	8. PROJECT COST (\$000) 2,300
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			30-APR-03
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2004			15%
• (d) Date 35% Designed			01-AUG-03
(e) Date Design Complete			01-SEP-04
(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			151
(b) All Other Design Costs			76
(c) Total			227
(d) Contract			189
(e) In-house			38
(4) Construction Contract Award			05 JAW
(5) Construction Start			05 PEB
(6) Construction Completion			06 MAR
• Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
COMMUNICATIONS EQUIPMENT	3400	2005	200

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION AVIANO AIR BASE, ITALY		4. PROJECT TITLE PLIGHT SIMULATOR	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 171-212	7. PROJECT NUMBER ASHE986013	8. PROJECT COST (\$000) 2.834
9. COST ESTIMATES			
ITEM	I/M	QUANTITY	UNIT COST
PRIMARY FACILITY			1,926
FLIGHT SIMULATOR	SM	560	3,365 (1,884)
ANTI-TERRORISM/FORCE PROTECTION	SM	560	75 (42)
SUPPORTING FACILITIES			570
UTILITIES	LS		(166)
PAVEMENTS	SM	3,500	40 (140)
SITE IMPROVEMENTS	LS		(104)
COMMUNICATION SUPPORT	LS		(150)
PASSIVE FORCE PROTECTION	LS		(10)
SUBTOTAL			2,496
CONTINGENCY (5.0 %)			125
TOTAL CONTRACT COST			2,621
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)			170
TOTAL REQUEST			2,792
TOTAL REQUEST (ROUNDED)			2,834
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)			(36,045.0)
10. Description of Proposed Construction: Construct facility with oversized door and removable panels for equipment change outs. Support space for admin. training support machinery and maintenance functions. Simulator room will have raised computer flooring, soundproofing, demolition, and all utilities required. Provide 15 cm (5.9") concrete pavements. Must comply with regional force protection standards.			
11. REQUIREMENT: 1,349 SM ADEQUATE: 0 SM SUBSTANDARD: 157SM			
<u>PROJECT:</u> Construct a new flight simulator facility. (Current Mission)			
<u>REQUIREMENT:</u> Provide Flight Simulator facility to support aircrew training activities. The project must include adequate space for administration and records, classrooms, and other supporting spaces. AT/FP costs on this project are higher than standard DoD guidance due to stricter EUCOM force protection standards requiring screening from direct fire weapons.			
<u>CURRENT SITUATION:</u> The current flight simulator is housed in one building with the classrooms and administrative spaces in separate portable buildings. The lack of an adequate base facility for this requirement represents a serious deficiency toward pilot readiness.			
<u>IMPACT IF NOT PROVIDED:</u> Without this project, vital training requirements will continue to be performed in substandard conditions thus seriously compromising pilot readiness and mission in the Southern European Regions			
<u>ADDITIONAL:</u> This facility is eligible for NATO funding. The NATO funded portion (\$1M) provides for a two-ship facility. This US cost share provides the other two ships, 560 SM, for a complete four-ship facility. This project complies with space criteria outlined in AFH 32-1084, "Facility Requirements." Project requires US/Italian Mixed			

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION AVIANO AIR BASE, ITALY		4. PROJECT TITLE FLIGHT SIMULATOR	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 171-212	7. PROJECT NUMBER ASHE986013	8. PROJECT COST (\$000) 2,834
<p>omm approval. Design and construction must be completed in accordance with Italian aws and norms and will be designed and constructed to meet the stricter of Italian or S standards. A preliminary analysis of reasonable requirements, was done and indicatee hat only one option meets operational requirements, therefore an economic analysis was ot performed. A certificate of exception has been prepared. Base Civil Engineer: Lt 01 Timothy S. Green, 0039-0434-665720. Flight Simulator: 560 SM = 6,026 SF</p> <p>OREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR 1.0314</p> <p>'OINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION AVIANO AIR BASE, ITALY		4. PROJECT TITLE FLIGHT SIMULATOR	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 171-212	7. PROJECT NUMBER ASHE986013	8. PROJECT COST (\$000) 2,834
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			15-APR-03
(b) Parametric Cost Estimates used to develop costs			YES
• (c) Percent Complete as of 01 JAN 2004			15%
• (d) Date 35% Designed			15-AUG-03
(e) Date Design Complete			01-SEP-04
(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			187
(b) All Other Design Costs			93
(c) Total			280
(d) Contract			234
(e) In-house			46
(4) Construction Contract Award			05 JAN
(5) Construction Start			05 FEB
(6) Construction Completion			06 MAR
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
SYSTEMS FURNITURE.	3400	2007	30
COMPUTER HARDWARE	3400	2007	15
FLIGHT SIMULATOR	3080	2007	35,000
COMMUNICATIONS EQUIPMENT	3400	2005	1,000

1. COMPONENT AIR FORCE		FY 2005 MILITARY CONSTRUCTION PROGRAM						2.		DATE	
3. INSTALLATION AND LOCATION MISAWA AIR FORCE BASE JAPAN				4. COMMAND: PACIFIC AIR FORCES				5. AREA CONST COST INDEX 1.68			
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 03		310	3,489	1,308	0	0	0	134	1,078	232	6,551
END FY 2008		305	3,367	1,278	0	0	0	134	1,078	232	6,394
7. INVENTORY DATA (\$000)											
Total Acreage:		3,865									
Inventory Total as of : (30 Sep 03)										3,979,953	
Authorization Not Yet in Inventory:										0	
Authorization Requested in this Program:										6,700	
Authorization Included in the Following Program: (FY 2006)										a	
Planned in Next Three Years Program:										a	
Remaining Deficiency:										52,700	
Grand Total:										4,039,353	
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2005)											
CATEGORY		PROJECT TITLE		SCOPE		COST \$,000A		DESIGN R T C M P L		STATUS Jan-03 Jun-04	
113-321	Expand Strategic Airlift Ramp		14,000	SM	6,700		Jan-03		Jun-04		
					Total	6,700					
9a. Future Projects: Included in the Following Program: (FY2006)											
										None	
9b. Future Projects: Typical Planned Next Three Years: SCOPE COST											
										None	
9c. Real Property Maintenance Backlog This Installation (\$M) 5											
10. Mission or Major Functions: The host air base wing supports C-135B/C aircraft and hosts Headquarters, Pacific Air Forces. The installation also hosts an Air National Guard wing consisting of an F-15A/B squadron, an air refueling squadron (KC-135), and an airlift squadron (C-130H). Other major activities include an Air Intelligence Agency intelligence group and an Air Mobility Support group.											
11. Outstanding pollution and Safety (OSHA Deficiencies:											
a. Air pollution										0	
b. Water Pollution										0	
c. Occupational Safety and Health										0	
d. Other Environmental										0	

DD Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION MISAWA AIR BASE, JAPAN		4. PROJECT TITLE EXPAND STRATEGIC AIRLIFT RAMP			
5. PROGRAM ELEMENT 22178	6. CATEGORY CODE 113-321	7. PROJECT NUMBER QKKA053000	8. PROJECT COST (\$000) 6,700		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
EXPAND AIRCRAFT PARKING RAMP					4,996
CONCRETE APRON		SM	14,000	296	(4,144)
ASPHALT CONCRETE SHOULDER		SM	3,000	284	(852)
SUPPORTING FACILITIES					1,008
AIRFIELD MARRING/GROUNDING		LS			(6)
UTILITIES RELOCATION		LS			(207)
SITE PREPARATION		LS			(151)
AIRFIELD/AREA LIGHTING		LS			(94)
ENVIRONMENTAL MITIGATION		AC	16	12,500	(200)
SITE IMPROVEMENT		LS			(278)
CONC RETAINING WALL		LF	250	288	(72)
SUBTOTAL					6,004
CONTINGENCY (5.0 %)					300
TOTAL CONTRACT COST					6,304
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)					410
TOTAL REQUEST					6,714
TOTAL REQUEST (ROUNDED)					6,700
10. Description of Proposed Construction: Concrete aircraft apron pavement expansion to South Transient Ramp for two additional aircraft parking positions. Includes concrete parking ramp pavement, asphaltic shoulder pavement, site improvements, utilities relocation, fire protection, security/area lighting, concrete retaining wall, environmental mitigation, and contaminated soil remediation and disposal.					
11. REQUIREMENT: 326,410 SM ADEQUATE: 217,830 SM SUBSTANDARD: 0 SM PROJECT: Expand aircraft parking ramp pavement. (Current Mission - Strategic Mobility) REQUIREMENT: An adequately sired and configured aircraft parking ramp free from foreign object damage (FOD) risk to support strategic enroute operations. Additional parking pavement is also required for the associated Defense Logistics Agency (DLA) FY05 MILCON project (QKKA013002) to install properly sized aircraft hydrant refueling system to support strategic mobility aircraft in effectively meeting PACOM OPLAN throughput requirements. CURRENT SITUATION: Existing South Transient Ramp can only accommodate up to seven KC-10 aircraft. The peacetime and contingency plans require nine parking positions for wide-body aircraft with hydrant refueling capability to meet strategic mobility throughput. IMPACT IF NOT PROVIDED: Without this project's inclusion in the AF FY05 MILCON program, there will not be adequate ramp space to design and install nine mission critical aircraft refueling outlets. Consequently, Misawa will not be able to support strategic enroute throughput to meet PACOM OPLAN requirements. ADDITIONAL: This project meets scope/criteria specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of options for satisfying this					

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION MISAWA AIR BASE, JAPAN		4. PROJECT TITLE EXPAND STRATEGIC AIRLIFT RAMP	
5. PROGRAM ELEMENT 22178	6. CATEGORY CODE 113-321	7. PROJECT NUMBER QKKA053000	8. PROJECT COST (\$000) 6,700
<p>requirement indicates that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Pavement work will be done in conjunction with the associated FY05 DLA MILCON hydrant refueling system project. This project does not qualify for Host Nation Construction Funding (JFIP) because it increases offensive warfighting capability of US Forces stationed in Japan. Base Civil Engineer: Lt Col Wilbur, 226-3089. Aircraft Ramp Pavement: 14,000 SM = 16,750 SY.</p> <p>FOREIGN CURRENCY: FCF Budget Rate Used: YEN 125.49</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION MISAWA AIR BASE, JAPAN		4. PROJECT TITLE EXPAND STRATEGIC AIRLIFT RAMP	
5. PROGRAM ELEMENT 22178	6. CATEGORY CODE 113-321	7. PROJECT NUMBER QKKA053000	8. PROJECT COST (\$000) 6,700
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started 30-JAN-03</p> <p>(b) Parametric Cost Estimates used to develop costs YES</p> <p>* (c) Percent Complete as of 01 JAN 2004 15%</p> <p>• (d) Date 35% Designed 30-MAY-03</p> <p>(e) Date Design Complete 30-JUN-04</p> <p>(f) Energy Study/Life-Cycle analysis was/will be performed NO</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design - No</p> <p>(b) Where Design Was Most Recently Used -</p> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <p>(a) Production of Plans and Specifications 425</p> <p>(b) All Other Design Costs 212</p> <p>(c) Total 637</p> <p>(d) Contract 532</p> <p>(e) In-house 105</p> <p>(4) Construction Contract Award 05 JAN</p> <p>(5) Construction Start 05 MAR</p> <p>(6) Construction Completion 06 SEP</p> <p>• Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</p> <p>b. Equipment associated with this project provided from other appropriations: N/A</p>			

1. COMPONENT AIR FORCE		FY 2005 MILITARY CONSTRUCTION PROGRAM						2. DATE				
3. INSTALLATION AND LOCATION KUNSAN AIR BASE KOREA				4. COMMAND: PACIFIC AIR FORCES			5. AREA CONST COST INDEX 1.12					
6. Personnel Strength		PERMANENT			STUDENTS			SUPPORTED			TOTAL	
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
AS OF 30 SEP 03		212	2,512	551	0	0	0	13	153	13	3,454	
END FY 2008		211	2,454	544	0	0	0	13	153	13	3,388	
7. INVENTORY DATA (\$000)												
a. Total Acreage:		2,557										
b. Inventory Total as of : (30 Sep 03)												1,267,996
c. Authorization Not Yet in Inventory:												30,500
d. Authorization Requested in this Program:												37,100
e. Authorization Included in the Following Program: (FY 2006)												45,000
f. Planned in Next Three Years Program:												48,658
g. Remaining Deficiency:												132,850
h. Grand Total:												1,562,104
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2005)												
CATEGORY		PROJECT TITLE			SCOPE		COST \$,000		DESIGN START		STATUS CMPL	
721-312		Dormitory			144 RM		18,550		May-03		Jun-04	
721-312		Dormitory			144 RM		18,550		May-03		Jun-04	
							Total				37,100	
9a. Future Projects: Included in the Following Program: (FY2006)												
721-312		Dormitory			192 RM		22,500					
721-312		Dormitory			192 RM		22,500					
							Total				45,000	
9b. Future Projects: Typical Planned Next Three Years:												
721-312		Dormitory			240 RM		28,000					
721-312		Dormitory			144 RM		16,000					
740-873		Consolid Personnel Process/Theater Fac			1,060 SM		4,658					
							Total				48,658	
9c. Real Property Maintenance Backlog This Installation (\$M)											109	
10. Mission or Major Functions: The host fighter wing supports two F-16 squadrons. A joint use agreement with Korea permits use of the runway by Korean Civil air carriers.												
11. Outstanding pollution and Safety (OSHA) Deficiencies:												
a. Air pollution											0	
b. Water Pollution											0	
c. Occupational Safety and Health											0	
d. Other Environmental											0	

DD Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION KUNSAN AIR BASE, KOREA (REPUBLIC OF)		4. PROJECT TITLE DORMITORY (144 RM)		
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER MLWR013102A	8. PROJECT COST (\$000) 18,550	
9. COST ESTIMATES				
ITEM	I/M	QUANTITY	UNIT	COST
DORMITORY (144 RM)				12,861
DORMITORY	SM	5,040	1.839	(9,269)
COLLECTIVE PROTECTION SYSTEM	SM	960	2,635	(2,530)
SEMI-HARDENING PROTECTION	SM	6,000	73	(438)
ANTITERRORISM FORCE PROTECTION	SM	5,040	124	(625)
SUPPORTING FACILITIES				3,705
UTILITIES	LS			(896)
PAVEMENTS/ROADWAY	LS			(396)
SITE IMPROVEMENT/LANDSCAPING	LS			(470)
PILE FOUNDATION	LS			(390)
COMMUNICATIONS	LS			(375)
CONTAMINATED SOIL REMEDIATION	LS			(391)
DEMOLITION/ENVIRONMENTAL CLEAN UP	SM	7,170	110	(789)
SUBTOTAL				16,566
CONTINGENCY (5.0 %)				828
TOTAL CONTRACT COST				17,395
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)				1,131
TOTAL REQUEST				18,525
TOTAL REQUEST (ROUNDED)				18,550
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(512.0)
<p>10. Description of Proposed Construction: A multi-story facility with reinforced concrete foundation, floor slab, walls and roof, fire sprinkler w/detectors, semi-hardening, and chemical-biological protection. Includes standard modules, lounge, air-lock areas, and generator. Includes utilities; pavements, site improvements, pile foundation, comm, contaminated soil remediation, and environmental clean-up. Demolish three buildings (7,170 SM).</p> <p>Air Conditioning: 380Toas Grade Mix: E1-E4 144</p>				
<p>11. REQUIREMENT: 3,089 RM ADEQUATE: 2,335 RM SUBSTANDARD: 0 RM</p> <p>PROJECT: Construct a dormitory. (Current Mission)</p> <p>REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation, and personal well being. Properly designed, adequately configured and furnished quarters that provide some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these airmen must perform. Retention of these highly trained airmen is essential to Air Force readiness and ability to meet worldwide commitments. This project is submitted in accordance with the Air Force Dormitory Master Plan that requires on-base housing for 100% of the military population at remote overseas bases. This dorm will incorporate, as part of its normal construction,</p>				

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION KUNSAN AIR BASE, KOREA (REPUBLIC OF)			4. PROJECT TITLE DORMITORY (144 RM)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER MLWR013102A	8. PROJECT COST (\$000) 18,550	
<p>ntiterrorism force protection standards mandated by Congress. In addition, semi-hardening and chemical-biological collective protection are required to defend personnel from theater threats at this in-place war-fighting base.</p> <p>URRENT SITUATION: The base has insufficient on-base housing to accommodate unaccompanied enlisted personnel. The 2003 Air Force Dorm Easter Plan Update reports Kunsan has a deficit of 754 rooms. A situation which forces personnel to be doubled up, contrary to Air Force policy and Secretary of Defense guidance.</p> <p>MPACT IF NOT PROVIDED: Adequate living quarters that provide a level of privacy, required for today's airmen, will not be available, resulting in degradation of morale, productivity, and <i>career</i> satisfaction for unaccompanied enlisted personnel. Also continued doubling up in deficient, unprotected facilities will degrade the survivability of our airmen at this in-place, war-fighting base.</p> <p>DDITIONAL: This project meets the scope/criteria specified in the new dorm standard established by OSD. All known alternatives were considered during the development of this project. No other option could meet mission requirements; therefore, no economic analysis was performed. A certificate of exception has been prepared. Unaccompanied tousiag R&M conducted: \$1,5540K in FY02 and FY03 \$6,210K. Future Unaccompanied Rousing t&M requirements (estimated): FY04: \$4,578K, FY05 \$1,420K, and FY06 \$1,400K.</p> <p>ntiterrorism force protection standards met via semi-hardening/chemical-biological defenses. Project is eligible for ROK Funded Construction, but building in a reasonable time requires both ROK and <i>MILCON</i> funds. BASE CIVIL EWGINEER: Lt Col Sohan, 011-82-54-470-5400. 144 RM Enlisted Dormitory: 5,040SM = 54,250SF; Chem-bio Collective Protection: 960SM = 10,330SF; Demolition: 7,170SM = 77,004SF</p> <p>FOREIGN CURRENCY: <i>FCF</i> Budget Rate Used: WON 1225</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of this project is based on Air Force requirements.</p>				

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION KUNSAN AIR BASE, KOREA (REPUBLIC OF)		4. PROJECT TITLE DORMITORY (144 RM)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER MLWR013102A	8. PROJECT COST (\$000) 18,550
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			01-WAY-03
(b) Parametric Cost Estimates used to develop costs			YES
(c) Percent Complete as of 01 JAN 2004			15%
* (d) Date 35% Designed			01-SEP-03
(e) Date Design Complete			30-JUN-04
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			YES
(b) Where Design Was Most Recently Used -			Kunsan
(3) Total cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			765
(b) All Other Design Costs			383
(c) Total			1,148
(d) Contract			861
(e) In-house			287
(4) Construction Contract Award			04 OCT
(5) Construction Start			04 OCT
(6) Construction Completion			06 MAR
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
DORM FURNISHINGS	3400	2006	512

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION KUNSAN AIR BASE, KOREA (REPUBLIC OF)		4. PROJECT TITLE DORMITORY (144 RM)			
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER MLWR013102B	8. PROJECT COST (\$000) 18,550		
9. COST ESTIMATES					
ITEM		I/M	QUANTITY	UNIT	COST
DORMITORY (144 RM)					12,861
DORMITORY		SM	5,040	1,839	(9,269)
COLLECTIVE PROTECTION SYSTEM		SM	960	2,635	(2,530)
SEMI-HARDENING PROTECTION		SM	6,000	73	(438)
ANTITERRORISM FORCE PROTECTION		SM	5,040	124	(625)
SUPPORTING FACILITIES					3,686
UTILITIES		LS			(896)
PAVEMENTS/ROADWAY		LS			(585)
SITE IMPROVEMENT/LANDSCAPING		LS			(795)
PILE FOUNDATION		LS			(390)
COMMUNICATIONS		LS			(375)
CONTAMINATED SOIL REMEDIATION		LS			(550)
DEMOLITION/ENVIRONMENTAL CLEAN UP		SM	292	325	(95)
SUBTOTAL					16,547
CONTINGENCY (5.0 %)					827
TOTAL CONTRACT COST					17,374
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)					1,129
TOTAL REQUEST					18,504
TOTAL REQUEST (ROUNDED)					18,550
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(512.0)
<p>10. Description of Proposed Construction: A multi-story facility with reinforced concrete foundation, floor slab, walls, roof, fire sprinklers and detectors, semi-hardening and chemical-biological protection. Includes standard modules, lounge, air-lock areas, and generator. Includes utilities, pavements, site improvements, pile foundation, communications, soil remediation, and environmental clean-up. Demolish one building (292 SM).</p> <p>Air Conditioning: 380 Tons Grade Mix: E1-E4 144</p>					
<p>11. REQUIREMENT: 3,089 RM ADEQUATE: 2,335 RM SUBSTANDARD: 0 RM</p> <p>PROJECT: Construct a dormitory. (Current Mission)</p> <p>REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation, and personal well being. Properly designed, adequately configured and furnished quarters that provide some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these airmen must perform. Retention of these highly trained airmen is essential to Air Force readiness and ability to meet worldwide commitments. This project is submitted in accordance with the Air Force Dormitory Master Plan that requires on-base housing for 100% of the military population at remote overseas bases. This dorm will incorporate, as part of its normal construction,</p>					

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION KUNSAN AIR BASE, KOREA (REPUBLIC <i>of</i>)			4. PROJECT TITLE DORMITORY (144 RM)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER MLWR013102B	8. PROJECT COST (\$000) 18,550	
<p>antiterrorism force protection standards mandated by Congress. In addition, semi-hardening and chemical-biological collective protection are required to defend personnel from theater threats at this in-place war-fighting base.</p> <p><u>CURRENT SITUATION:</u> The base has insufficient on-base housing to accommodate unaccompanied enlisted personnel. The 2003 Air Force Dorm Waster Plan Update reports Kunsan has a deficit of 754 rooms. A situation which forces personnel to be doubled up, contrary to Air Force policy and Secretary of Defense guidance.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Adequate living quarters that 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. Also continued doubling up in deficient, unprotected facilities will degrade the survivability of our airmen at this in-place, war-fighting base.</p> <p><u>ADDITIONAL:</u> This project meets the scope/criteria specified in the new dorm standard established by OSD. All known alternatives were considered during the development of this project. No other option could meet mission requirements; therefore, no economic analysis was performed. A certificate of exception has been prepared. Unaccompanied housing R&M conducted: \$1,5540K in FY02 and FY03 \$6,210K. Future Unaccompanied Housing R&M requirements (estimated): FY04: \$4,578K, FY05 \$1,420K, and FY06 \$1,400K.</p> <p>antiterrorism force protection standards met via semi-hardening/chemical-biological defenses. Project is eligible for ROK Funded Construction, but building in a reasonable time requires both ROK and MILCON funds. BASE CIVIL ENGINEER: Lt Col Sohan, 011-82-554-470-5400. 144 RM Enlisted Dormitory: 5,040SM = 54,250SF; Chem-bio Collective Protection: 960SM = 10,330SF; Demolition: 292SM = 3,136SF.</p> <p>FOREIGN CURRENCY: <i>FCF</i> Budget <i>Rate</i> Used: WON 1225</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of this project is based on Air Force requirements.</p>				

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION KUNSAN AIR BASE, KOREA (REPUBLIC OF)		4. PROJECT TITLE DORMITORY (144 RM)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER MLWR013102B	8. PROJECT COST (\$000) 18,550
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			01-MAY-03
(b) Parametric Cost Estimates used to develop costs			YES
(c) Percent Complete as of 01 JAN 2004			15%
* (d) Date 35% Designed			01-SEP-03
(e) Date Design Complete			30-JUN-04
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			YES
(b) Where Design Was Most Recently Used -			Kunsan
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			765
(b) All Other Design Costs			383
(c) Total			1,148
(d) Contract			861
(e) In-house			287
(4) Construction Contract Award			04 OCT
(5) Construction Start			04 OCT
(6) Construction Completion			06 MAR
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED ORREQUESTED	COST (\$000)
WRM FURNISHINGS	3400	2006	512

1. COMPONENT AIR FORCE		FY 2005 MILITARY CONSTRUCTION PROGRAM						2. DATE		
3. INSTALLATION AND LOCATION OSAN AIR BASE KOREA			14. COMMAND: PACIFIC AIR FORCES				5. AREA CONST COST INDEX 1.11			
6. Personnel Strength AS OF 30 SEP 03 END FY 2008	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	581	4,815	1,084	0	22	0	44	224	104	
	579	4,676	1,064	0	22	0	44	224	104	6,874 6,713
7. INVENTORY DATA (\$000)										
a. Total Acreage:										1,777
b. Inventory Total as of : (30 Sep 03)										2,940,551
c. Authorization Not Yet in Inventory:										107,400
d. Authorization Requested in this Program:										18,600
e. Authorization Included in the Following Program: (FY 2006)										19,500
f. Planned in Next Three Years Program:										13,600
g. Remaining Deficiency:										224,950
h. Grand Total:										3,324,601
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2005)										
CATEGORY						COST DESIGN		STATUS		
CODE	PROJECT TITLE	SCOPE		\$,000	START	C.M.P.L				
721-312	Dormitory	156 RM		18,600	May-03	Jun-04				
				Total	18,600					
9a. Future Projects: Included in the Following Program: (FY2006)										
721-312	Dormitory	156 RM		19,500						
				Total	19,500					
9b. Future Projects: Typical Planned Next Three Years:										
721-312	Dormitory	120 RM		13,600						
				Total	13,600					
9c. Real Property Maintenance Backlog This Installation (\$M)										186
10. A host fighter wing supporting an F-16 squadron and an A/OA-10 squadron; Headquarters Seventh Air Force; a special operations squadron with MH-53J aircraft; a civil engineer heavy repair squadron (RED HORSE); an Air Mobility Command air mobility support squadron; an Air Combat Command reconnaissance squadron; and an Air Intelligence Agency intelligence squadron.										
11. Outstanding pollution and Safety (OSHA) Deficiencies:										
a. Air pollution										0
b. Water Pollution										0
c. Occupational Safety and Health										0
d. Other Environmental										0

DD Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE	PY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION OSAN AIR BASE, KOREA (REPUBLIC OF)		4. PROJECT TITLE DORMITORY (156 RM)			
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER SMYU993121	8. PROJECT COST (\$000) 18,600		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
DORMITORY (156 RM)					13,620
DORMITORY		SM	5,460	1,807	(9,866)
COLLECTIVE PROTECTION SYSTEM		SM	1,000	2,631	(2,631)
SEMI-HARDENING PROTECTION		SM	6,460	69	(446)
ANTITERRORISM FORCE PROTECTION		SM	5,460	124	(677)
SUPPORTING FACILITIES					3,000
UTILITIES		I LS			(475)
PAVEMENTS/ROADWAY		LS			(150)
SITE IMPROVEMENTS/LANDSCAPING		LS			(575)
PILE FOUNDATION		LS			(290)
RELOCATE COMM SWITCH		LS			(350)
TEMPORARY FACILITIES		LS			(450)
COMMUNICATIONS		LS			(275)
CONTAMINATED SOIL REMEDIATION		LS			(250)
DEMOLITION INCLUDING ABATEMENT		SM	568	325	(185)
SUBTOTAL					16,620
CONTINGENCY (5.0 %)					831
TOTAL CONTRACT COST					17,451
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)					1,134
TOTAL REQUEST					18,585
TOTAL REQUEST (ROUNDED)					18,600
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(527.0)
<p>10. Description of Proposed Construction: Multi-story facility with reinforced concrete foundation, floor slabs, walls and roof, fire sprinkler w/detectors, semi-hardening/chemical-biological protection. Includes 4-plex modules, lounge, air-lock areas and generator. Includes site improvements, pile foundation, comm switch relocation, temp facilities, soil remediation, asbestos abatement/environmental clean up. Demo two blgs (568 SM).</p> <p>Air Conditioning: 400Tons Grade Mix: E1-E4 156</p>					
<p>11. REQUIREMENT: 5,612 RM ADEQUATE: 5,005 RM SUBSTANDARD: 0 RM</p> <p>PROJECT: Construct a 156-room dormitory. (Current Mission)</p> <p>REQUIREMENT: A major Air Force objective provides unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation, and personal well being. Properly designed, adequately configured and furnished quarters that provide 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. This dorm will incorporate antiterrorism force protection standards to meet DOD minimum</p>					

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION OSAN AIR BASE, KOREA (REPUBLIC OF)			4. PROJECT TITLE DORMITORY (156 RM)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER SMYU993121	8. PROJECT COST (\$000) 18,600	
<p>and/or theater requirements. Semi-hardening and chemical-biological collective protection are required to protect personnel from theater threats at this remote, overseas, in-place warfighting base.</p> <p>URGENT SITUATION: The base has insufficient on-base housing to accommodate unaccompanied enlisted personnel. This project is in accordance with the Air Force Dormitory Master Plan. The readiness function will be displaced when their current facility is demolished to make way for the dormitory. Temporary facilities will be required until a new, permanent readiness facility will be constructed via Host Nation funded Construction in the future.</p> <p>IMPACT IF NOT PROVIDED: Adequate living quarters which provide a level of privacy required for today's airmen will not be available, resulting in degradation of morale, productivity, and career satisfaction for unaccompanied enlisted personnel. Lack of protected on-base quarters forces personnel to live off-base and leaves them vulnerable to loss to chemical-biological weapons and terrorist attacks.</p> <p>ADDITIONAL: This project meets the scope/criteria specified in the new "one-plus-one" dormitory standard established by OSD. A waiver to economic analysis has been prepared based on an initial study of the alternatives: status quo, new construction, and renovation. Unaccompanied Housing RPM conducted: \$2,400K in FY02 and FY03 \$2,507K. Future Unaccompanied Housing RPM requirements (estimated): FY04: \$2,600K, FY05: \$2,625K, and FY06 \$2,680K. Antiterrorism force protection standards are met via semi-hardening protection/chemical-biological protection. Project is eligible for ROK Funded Construction, but building dormitories in a reasonable time requires both ROKFC and MILCON funds. Base Civil Engineer: Major Pamela Moxley, 011-82-661-4312. Dormitory: 1,460 SM=58,773 SF; Chemical-Biological Protection: 1,000SM = 10,760SF; and Demolition: 168 SM=6,112SF.</p> <p>FOREIGN CURRENCY: FCF Budget Rate Used: WON 1225</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 requirements.</p>				

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION OSAN AIR BASE, KOREA (REPUBLIC OF)		4. PROJECT TITLE DORMITORY (156 RM)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER SMYU993121	8. PROJECT COST (\$000) 18,600
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			01 - MAY - 03
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2004			15%
* (d) Date 35% Designed			01-SEP-03
(e) Date Design Complete			30-JUN-04
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			YES
(b) Where Design Was Most Recently Used -			Osan
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			768
(b) All Other Design Costs			384
(c) Total			1,152
(d) Contract			864
(e) In-house			288
(4) Construction Contract Award			05 JAN
(5) Construction Start			05 MAR
(6) Construction Completion			07 JAN
. Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
DORM FURNISHINGS	3400	2005	527

1. COMPONENT AIR FORCE		FY 2005 MILITARY CONSTRUCTION PROGRAM						2. DATE			
3. INSTALLATION AND LOCATION LAJES FIELD, AZORES PORTUGAL				4. COMMAND: AIR COMBAT COMMAND			5. AREA CONST COST INDEX 1.3				
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 03		98	931	770	0	0	0	0	0	0	1,799
END FY 2008		98	926	771	0	0	0	0	0	0	1,795
7. INVENTORY DATA (\$000)											
a. Total Acreage:		1,134									
b. Inventory Total as of : (30 Sep 03)											732,160
c. Authorization Not Yet in Inventory:											4,100
d. Authorization Requested in this Program:											5,689
e. Authorization Included in the Following Program:		(FY 2006)									24,300
f. Planned in Next Three Years Program:											45,700
g. Remaining Deficiency:											23,800
h. Grand Total:											835,749
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2005)											
CATEGORY											
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST \$,000</u>	<u>DESIGN A R T</u>	<u>STATUS C M P L</u>						
740-674	Add/Alter Fitness Center, Ph II	1,975 SM	5,689	Nov-03	Sep-04						
		Total	5,689								
9a. Future Projects: Included in the Following Program: (FY2006)											
211-111	Repair Aircraft Maintenance Hangar	8,818 SM	14,900								
730-142	Fire/Crash Rescue Station & Alternate Tower	2,821 SM	9,400								
		Total	24,300								
9b. Future Projects: Typical Planned Next Three Years:											
111-111	Repair Runway	383,379 SM	8,200								
721-315	Replace Transient Quarters, Phase 1	4,900 SM	13,100								
721-315	Replace Transient Quarters, Phase 2	5,880 SM	14,700								
214-425	LRS Complex	3,818 SM	9,700								
		Total	45,700								
9c. Real Property Maintenance Backlog This Installation (\$M): 81											
10. Mission or Major Functions: The host air base wing has no permanently assigned force structure but provides en route support to transiting aircraft and hosts Headquarters US Forces Azores. Lajes Field serves as a logistical bridge to Europe, Africa, and Southwest Asia by providing a ground refueling and stop-over capability, functioning as a tanker staging location for in-flight refueling and serving as a primary divert base for deploying aircraft.											
11. Outstanding Pollution and Safety (OSHA) Deficiencies:											
a. Air pollution											0
b. Water Pollution											0
c. Occupational Safety and Health											0
d. Other Environmental											0

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION LAJES FIELD, PORTUGAL			4. PROJECT TITLE ADD/ALTER FITNESS CENTER, PHASE II		
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 740-674	7. PROJECT NUMBER MQNA053003	8. PROJECT COST (\$000) 5,689		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
ADD/ALTER FITNESS CENTER, PHASE II					4,685
FITNESS CENTER ADDITION		SM	1,975	2,325	(4,592)
ANTITERRORISM/FORCE PROTECTION		SM	1,975	47	(93)
SUPPORTING FACILITIES					365
SITE UTILITIES/EARTHWORK		LS			(145)
DEMOLITION		SM	1,101	124	(137)
COMMUNICATION SUPPORT		LS			(83)
SUBTOTAL					5,049
CONTINGENCY (5.0 %)					252
TOTAL CONTRACT COST					5,302
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)					345
TOTAL REQUEST					5,646
TOTAL REQUEST (ROUNDED)					5,689
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(26.0)
10. Description of Proposed Construction: Replace 1,101 SW (11,851 SF) with 1,975 SW (21,259 SF) of new fitness center. Includes environmental controls where appropriate. Includes DoD and EUCOW Force Protection standards as required. Renovate remaining structure as necessary to functionally tie-in portion of the building being replaced.					
11. REQUIREMENT: 5,556 SM ADEQUATE: 1,974 SM SUESTANDARD: 1,101 SM					
PROJECT: Add / Alter Fitness Center, Phase II. (Current Mission)					
REQUIREMENT: Adequate facilities to conduct comprehensive balanced programs for physical fitness. programs support a wide variety of customers to include personnel and family members assigned to Lajes and the numerous personnel TDY or en route supporting transitioning AEF's and task force beddowns as well as various other military operations. Programs supported include aerobics, health and nutritional training, and indoor recreational athletic programs.					
CURRENT SITUATION: Lajes Field is classified as a medium base per the USAF Fitness Facilities Design Guide. Based on its Overseas Short Tour, physical / Culturally Isolated Geographic Location Factor, the facility is further increased in size by 10%. The Chace Fitness Center is the only existing fitness center on Lajes Field for US personnel. The HAWC is colocated within this facility. Generally, the facility is in fair condition, but it is inadequately sized. In order to build to the required size, a portion of the existing facility must be demolished and replaced. Existing facility consists of a lobby, administration, support, men's and women's locker rooms, men's DV locker room, gymnasium, aerobics room, cardiovascular equipment / resistance and free weight area, five racquetball courts, a rock climbing wall and retail space. Significant deficiencies were noted during the USAF Fitness Center Facility Assessment conducted in Feb 00 to include: no service loading area, no handicap accessibility, no environmental controls in the appropriate areas, poor interior signage, failing roofing					

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION LAJES FIELD, PORTUGAL			4. PROJECT TITLE ADD/ALTER FITNESS CENTER, PHASE II	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 740-674	7. PROJECT NUMBER MQNA053003	8. PROJECT COST (\$000) 5,689	
<p>system, low light level in main lobby, condition and aesthetics of corridors, cardiovascular / strength training area and administration offices are poor, storage areas are in remote locations, gymnasium wood floor has numerous dead spots, aerobics room flooring is inappropriate, limited facilities for HAWC and existing program requirements are 36% deficient per USAF Fitness Facilities Design Guide standard.</p> <p>IMPACT IF NOT PROVIDED: Physical conditioning and recreational programs will remain limited due to space restrictions. This condition, coupled with deficiencies in all core areas, will continue to adversely affect the physical conditioning, morale, well being, and retention rate of assigned military personnel thus impacting Lajes' capability of "Enabling Expeditionary Air Power". Additionally, testing, training, and team/individual sports will continue to be hindered due to inadequate playing surfaces.</p> <p>ADDITIONAL: This project meets the current criteria stated in the USAF Fitness Facilities Design Guide, which supercedes the criteria / scope specified in Air Force Handbook 32-1084, "Facility Requirements." IAW the 1995 SoFA between the Governments of the United States and Portugal, this project is not eligible for NATO funding. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done and it indicates there is only one option that will meet operational requirements and that is new construction. This follow-on project is Phase II of previously submitted MILCON project MQNA 05-3002. Base Civil Engineer: Lt Col Terry Watkins, Phone: 011-351-295-57-6113. (New Addition: 1,975 SM = 21,259 SF) Exchange Rate: \$1.00 = 1.031Euros</p> <p>FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR 1.0314</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 requirements.</p>				

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION LAJES FIELD, PORTUGAL	4. PROJECT	TITLE ADD/ALTER FITNESS CENTER, PHASE II	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 740-674	7. PROJECT NUMBER MQNA053003	8. PROJECT COST (\$000) 5,689
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			14-NOV-03
(b) Parametric Cost Estimates used to develop costs			YES
(c) Percent Complete as of 01 JAN 2004			15%
(d) Date 35% Designed			01-JAN-04
(e) Date Design Complete			01-SEP-04
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			YES
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)			
(a) Production of Plans and Specifications			341
(b) All Other Design Costs			171
(c) Total			512
(d) Contract			427
(e) In-house			85
(4) Construction Contract Award			05 JAN
(5) Construction Start			05 MAR
(6) Construction Completion			06 MAR
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED ORREQUESTED	COST (\$000)
COMMUNICATION EQUIPMENT	3400	2005	26

1. COMPONENT AIR FORCE			FY 2005 MILITARY CONSTRUCTION PROGRAM						2. DATE		
3. INSTALLATION AND LOCATION ROTA NAVAL STATION SPAIN				4. COMMAND: AIR MOBILITY COMMAND				5. AREA CONST COST INDEX 1.20			
6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL	
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
	AIS OF 30 SEP 03	5	123	2	0	0	0	0	1		0
EIND FY 2008	5	122	2	0	0	0	0	1	0	130	
7. INVENTORY DATA (\$000)											
Total Acreage: 5962											
Inventory Total as of : (30 Sep 03)										36,00	
Authorization Not Yet in Inventory:										31,80	
Authorization Requested in this Program:										14,15	
Authorization Included in the Following Program: (FY 2006)											
Planned in Next ThreeFour Years Program:											
Remaining Deficiency:											
Grand Total:										81.95	
PROJECTS REQUESTED IN THIS PROGRAM: (FY 2005)											
CATEGORY											
<u>ODE</u>	<u>PROJECT TITLE</u>					<u>SCOPE</u>	<u>\$,000</u>	<u>START</u>	<u>C M P L</u>	<u>STATUS</u>	
13-321	Aircraft Parking Apron, Phase 2					104,680 SM	14,153	Mar-04	Sep-0		
TOTAL							14,153				
a. Future Projects: Included in the Following Program: (FY2006)											
None											
9b. Future Projects: Typical Planned Next Three Years:											
None											
c. Real Property Maintenance Backlog This Installation (\$M)											
D. Mission or Major Functions: : A US Navy installation, with the 725th Air Mobility Squadron and a detachment of the 31 st Medical Group, which provides enroute services to transiting aircraft.											
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	

FD Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION ROTA NAVAL STATION, SPAIN		4. PROJECT TITLE AIRCRAFT PARKING APRON - PH 2		
5. PROGRAM ELEMENT 41896	6. CATEGORY CODE 113-321	7. PROJECT NUMBER ASKE033002	8. PROJECT COST (\$000) 14,153	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT	COST
AIRCRAFT PARKING APRON, PHASE 2				12,000
APRONS	SM	87,337	118	(10,306)
APRON SHOULDERS	SM	9,448	54	(510)
HELICOPTER PADS	SM	7,895	150	(1,184)
SUPPORTING FACILITIES				666
UTILITIES	LS			(300)
SITE IMPROVEMENTS	LS			(250)
DEMOLITION	SM	3,559	33	(116)
SUBTOTAL				12,666
CONTINGENCY (5.0 %)				633
TOTAL CONTRACT COST				13,299
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)				864
TOTAL REQUEST				14,164
TOTAL REQUEST (ROUNDED)				14,153
10. Description of Proposed Construction: Construct a concrete parking apron for 6 additional widebody (C-5) aircraft. Construct three helicopter takeoff/landing spots to replace Spanish spots. Work includes paved shoulder, apron lighting, demolition of 9 facilities, demolition of 2 hydrant system day tanks and connecting piping, and necessary support.				
11. REQUIREMENT: 418,665 SM ADEQUATE: 0 SM SUBSTANDARD: 302,000 SM				
PROJECT: Construct Aircraft Parking Apron, Phase 2. (New Mission)				
REQUIREMENT: An adequate aircraft parking apron is required to park 16 widebody aircraft to support strategic airlift enroute operations through the Southern European region. This project is required to meet the projected FY06 peacetime widebody airlift aircraft sorties (10 aircraft per day) or contingency plan sorties (up to 40 aircraft per day). The European En-Route Steering Committee, jointly chaired by EUCOM J4 and TRANSCOM J5, validated the need for 16 aircraft parking spots with refueling hydrants. This is the second phase of a two phase project to construct an aircraft parking ramp and this phase provides 6 parking spots. Phase one was appropriated in FY03 (\$31.818M) and constructs 10 parking spaces (8 apron parking spots and 2 dangerous cargo parking spots). Provide replacement helicopter landing pads (3) for Spanish since the new apron infringes upon their operational flight patterns.				
CURRENT SITUATION: Currently, there are only five widebody aircraft parking spaces at Rota. Sixteen parking spaces (14 apron parking spots and 2 dangerous cargo parking spots) are required to meet mission demands for strategic mobility through the Southern European region. The location of the existing 5 parking spots violate airfield safety criteria requiring waivers to park aircraft. Defense Logistics Agency has programmed a fuel hydrant project to be accomplished concurrently with the Air Force Phase 1 and Phase 2 MILCON aircraft apron parking projects in FY03/05 respectively.				

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION ROTA NAVAL STATION, SPAIN			4. PROJECT TITLE AIRCRAFT PARKING APRON - PH 2	
5. PROGRAM ELEMENT 41896	6. CATEGORY CODE 113-321	7. PROJECT NUMBER ASKE033002	8. PROJECT COST (\$000) 14,153	
<p>IMPACT IF NOT PROVIDED: The existing aircraft parking apron will be insufficient to handle projected peacetime or contingency aircraft sorties. Aircraft will continue to be towed and refueled by truck resulting in delayed missions and increased sortie generation time. Widebody aircraft will continue to operate under waivers for runway and taxiway safety clearance zones.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1004, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo and new construction) was done. It indicates that new construction is the only option that will meet operational requirements. Because of this, a full economic analysis was not performed and a certificate of exception was prepared. This project is not currently eligible for NATO funding, but will be submitted to NATO with a prefinancing statement. Director of Public Works: CDR Doyle 011-34-956-82-2343. Aprons: 87,337 SM = 940,007 SF, Apron Shoulders: 9,448 SM = 101,689 SF, Helicopter Pads: 7,895 SM = 84,974 SF</p> <p>FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR 1.0314</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirement.</p>				

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION ROTA NAVAL STATION, SPAIN			4. PROJECT TITLE AIRCRAFT PARKING APRON - PH 2	
5. PROGRAM ELEMENT 41896	6. CATEGORY CODE 113-321	7. PROJECT NUMBER ASKE033002	8. PROJECT COST (\$000) 14,153	
12. SUPPLEMENTAL DATA:				
a. Estimated Design Data:				
(1) Status:				
(a) Date Design Started			01-MAR-03	
(b) Parametric Cost Estimates used to develop costs			YES	
* (c) Percent Complete as of 01 JAN 2004			15%	
* (d) Date 35% Designed			10-SEP-03	
(e) Date Design Complete			10-SEP-04	
(f) Energy Study/Life-Cycle analysis was/will be performed			NO	
(2) Basis:				
(a) Standard or Definitive Design -			NO	
(b) Where Design Was Most Recently Used -				
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)	
(a) Production of Plans and Specifications			850	
(b) All Other Design Costs			425	
(c) Total			1,275	
(d) Contract			1,065	
(e) In-house			210	
(4) Construction Contract Award			04 DEC	
(5) Construction Start			05 FEB	
(6) Construction Completion			06 AUG	
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.				
b. Equipment associated with this project provided from other appropriations: N/A				

. COMPONENT AIR FORCE			FY 2005 MILITARY CONSTRUCTION PROGRAM					2. DATE		
. INSTALLATION AND LOCATION AF LAKENHEATH UNITED KINGDOM			4. COMMAND: UNITED STATES AIR FORCE, EUROPE				5. AREA CONST COST INDEX 1.2			
. Personnel Strength AS OF 30 SEP 03 FY 2008	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	554	4,398	1,002	0	0	0	2	5	344	6,305
	555	4,470	937	0	0	0	2	5	344	6,313
. INVENTORY DATA (\$000)										
. Total Acreage: 2,374										
. Inventory Total as of : (30 Sep 03)										1,234,244
. Authorization Not Yet in Inventory:										67,200
. Authorization Requested in this Program:										5,500
. Authorization Included in the Following Program: (FY 2006)										10,500
Planned in Next Three Years Program:										53,699
. Remaining Deficiency:										24,800
. Grand Total:										1,395,943
. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2005)										
CATEGORY		PROJECT TITLE			SCOPE		COST \$,000		DESIGN STATUS	
<u>CODE</u>							<u>START</u>			
171-212		4-Bay Mission Training Center			1,175 SM		5,500		Design-Build	
					Total		5,500			
a. Future Projects: Included in the Following Program: (FY2006)										
144-753		F-15C SQD OPS / AMU (493rd FS)			3,400 SM		10,500			
					Total		10,500			
b. Future Projects: Typical Planned Next Three Years:										
211-712		Add to AGE Shop			1,210 SM		5,200			
173-618		Field Training Detachment Complex			1,226 SM		9,500			
732-944		BCE Complex			1,400 SM		15,200			
730-835		Security Forces Complex			8,199 SM		8,199			
215-129		Consolidated Munitions Support Facility			3,000 SM		7,400			
211-152		Accessories Shop			2,668 SM		8,200			
					Total		53,699			
c. Real Property Maintenance Backlog This Installation (\$M)										137
0. Mission or Major Functions: A fighter wing equipped with two squadrons of F-15Es and one squadron of F-15C/Ds.										
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

DD Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE		FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)				2. DATE	
3. INSTALLATION AND LOCATION RAF LAKENHEATH, UNITED KINGDOM				4. PROJECT TITLE 4-BAY MISSION TRAINING CENTER			
5. PROGRAM ELEMENT 27596		6. CATEGORY CODE 171-212	7. PROJECT NUMBER MSET023001		8. PROJECT COST (\$000) 5,500		
9. COST ESTIMATE							
ITEM		I/M	QUANTITY	UNIT	COST		
4-BAY MISSION TRAINING CTR					4,352		
TRAINING FACILITY		SM	1,175	3,100	(3,643)		
ANTI TERRORISM FORCE PROTECTION		SM	1,175	604	(710)		
SUPPORTING FACILITIES					740		
UTILITIES		LS			(220)		
PAVEMENTS		LS			(156)		
SITE IMPROVEMENTS		LS			(72)		
COMMUNICATION		LS			(250)		
PASSIVE FORCE PROTECTION		LS			(50)		
SUBTOTAL					5,100		
CONTINGENCY (5.0 %)					255		
TOTAL CONTRACT COST					5,355		
SUPERVISION, INSPECTION AND OVERHEAD (2.5 %)					134		
TOTAL REQUEST					5,409		
TOTAL REQUEST (ROUNDED)					5,500		
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(29,100)		
10. Description of Proposed Construction: Construct a 4-bay training/admin facility steel frame, masonry block walls with brick veneer over reinforced concrete slab and perimeter footings with sloped raised metal seam roof over steel roof trusses. Include HVAC, sound insulation, DCID 1/21 SCIF shielding, specialized communication and computer capability, fire sprinkler, parking, landscaping. Complies with regional force protection standards.							
11. REQUIREMENT: 3,144 SM ADEQUATE: 1,048 SM SUBSTANDARD : 0 SM							
PROJECT: Construct a four-bay Mission Training Center (Current Mission).							
REQUIREMENT: A Mission Training Center (MTC) is required to support four Distributed Mission Training (DMT) flight simulators with supplementary briefing and instructor/operator space. Mission requirements are upgrading aircraft simulator equipment and training/debriefing exercises to meet the full spectrum of worldwide air power scenarios, including single-ship training exercises and full scale rehearsals for multi-engagements. Specialized simulator training bays, monitoring areas, and feedback/analysis rooms are consolidated for a complete, essential MTC facility. AT/FP costs are higher due to lack of standoff from road and vehicle parking areas.							
CURRENT SITUATION: Capability for multi-linked simulator/DMT training sessions do not exist on base. Existing single-ship training missions do not fully prepare the overseas pilot for contingency exercises with NATO forces or grouped coordinated composite operations. Expansion and modification of the existing facility is not economically feasible while maintaining the current level of readiness, competency, and training tempo in the present, older model configured facility. DMT flight simulator equipment will be delivered to the base for PY06 installation under current Air Force contracts							

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION RAF LAKENHEATH, UNITED KINGDOM		4. PROJECT TITLE 4-BAY MISSION TRAINING CENTER	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 171-212	7. PROJECT NUMBER MSET023001	8. PROJECT COST (\$000) 5,500
<p>implementation program package.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Pilots will be denied latest, mission critical, and real world training. Monthly training TDYs back to CONUS are expensive, time consuming, and disruptive to pilot's schedule and base mission. Failure to complete this project will impact the Air Force flight simulator installation contract due to no facility to receive the equipment.</p> <p><u>ADDITIONAL:</u> This project is currently not eligible for NATO funding. This project meets the criteria/scope specified in AFH 32-1084, "Facility Requirements: A preliminary analysis of options for satisfying this requirement indicate that only one option will meet mission needs; therefore, an economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Thomas D. Quasney, 0044-1638-522-10. Training Facility: 1,175 SM = 12,643 SF. Design Build - Design Cost (4% of subtotal cost): \$208,000</p> <p>FOREIGN CURRENCY: <i>FCF</i> Budget Rate Used: POUND .6517</p> <p><u>JOINT USE CERTIFICATION:</u> Mission requirements, operational considerations, and locations are incompatible with use by other components.</p>			

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION RAF LAKENHEATH, UNITED KINGDOM		4. PROJECT TITLE I-BAY MISSION TRAINING CENTER		
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 171-212	7. PROJECT NUMBER MSET023001	8. PROJECT COST (\$000) 5,500	
12. SUPPLEMENTAL DATA:				
a. Estimated Design Data:				
(1) Project to be accomplished by design-build procedures				
(2) Basis:				
(a) Standard or Definitive Design -			NO	
(b) Where Design Was Most Recently Used -				
(3) All Other Design Costs			208	
(4) Construction Contract Award			05 JAN	
(5) Construction Start			05 MAR	
(6) Construction Completion			06 APR	
(7) Energy Study/Life-Cycle analysis was/will be performed			YES	
b. Equipment associated with this project provided from other appropriations:				
		PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
EQUIPMENT	NOMENCLATURE			
SIMULATOR	SERVICE	3080	2007	10,500
SIMULATOR	SERVICE	3080	2008	10,900
SIMULATOR	SERVICE	3080	2009	7,500
COMMUNICATIONS	EQUIPMENT	3400	2005	200

PAGE INTENTIONALLY LEFT BLANK

PLANNING AND DESIGN

1. COMPONENT AIR FORCE		FY 2005 MILITARY CONSTRUCTION PROGRAM						2. DATE		
INSTALLATION AND LOCATION VARIOUS LOCATIONS				COMMAND: HQ USAF WASHINGTON. DC			5. AREA CONST COST INDEX			
6. Personnel Strength AS OF 30 SEP 03 END FY 2008	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
7. INVENTORY DATA (\$000)										
Total Acreage: .										
Inventory Total as of : (30 Sep 03)										
Authorization Not Yet in Inventory:										
Authorization Requested in this Program:										140,786
Authorization Included in the Following Program: (FY 2006)										129,961
Planned in Next Three Years Program:										467,749
Remaining Deficiency:										
Grand Total:										738,496
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2005)										
CATEGORY				SCOPE			COST DESIGN STATUS			
CODE	PROJECT TITLE			SCOPE			\$,000	START	C M P L	
010-211	Planning and Design						140,786			
Total							140,786			
9a. Future Projects: Included in the Following Program: (FY2006)										
010-211	Planning and Design						129,961			
Total							129,961			
9b. Future Projects: Typical Planned Next Three Years:										
010-211	Planning and Design						135,543			
010-211	Planning and Design						147,292			
010-212	Planning and Design						184,914			
Total							467,749			
9c. Real Property Maintenance Backlog This Installation (\$M)										
11. Outstanding pollution and Safety (OSHA) Deficiencies:										
a. Air pollution										
b. Water Pollution										
c. Occupational Safety and Health										
d. Other Environmental										

DD Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION HQ USAF, DISTRICT OF COLUMBIA			4. PROJECT TITLE PLANNING AND DESIGN		
5. PROGRAM ELEMENT 91211	6. CATEGORY CODE 102-11	7. PROJECT NUMBER PAY2050001	8. PROJECT COST (\$000) 140,786		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
PRIMARY FACILITIES					140,786
PLANNING AND DESIGN		LS			(140,786)
SUPPORTING FACILITIES					0
SUBTOTAL					140,786
TOTAL CONTRACT COST					140,786
TOTAL REQUEST					140,786
TOTAL REQUEST (ROUNDED)					140,786
10. Description of Proposed Construction: The funds requested will be used to provide financing for architectural and engineering services for Air Force Military construction and host nation funded construction program.					
11. REQUIREMENT: LS ADEQUATE: LS SUBSTANDARD: LS					
PROJECT: As required.					
REQUIREMENT: These planning and design funds are required to complete the design of facilities in the FY06 Military Construction Program, initiate design of facilities in the FY07 military Construction Program and accomplish planning and design for major and complex technical projects with long lead-time to be included in subsequent Military Construction Programs. Also provide funds for value engineering and for the support of design and construction management of projects that are funded by foreign governments and for design of classified and special programs.					

**UNSPECIFIED MINOR
CONSTRUCTION**

1. COMPONENT AIR FORCE		FY 2005 MILITARY CONSTRUCTION PROGRAM					2. DATE			
INSTALLATION AND LOCATION VARIOUS LOCATIONS			COMMAND: HQ USAF WASHINGTON, DC			5. AREA CONST COST INDEX				
6. Personnel Strength AS OF 30 SEP 03 END FY 2008	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
7. INVENTORY DATA (\$000)										
Total Acreage:										0
Inventory Total as of : (30 Sep 03)										0
Authorization Not Yet in Inventory:										0
Authorization Requested in this Program:										13,000
Authorization Included in the Following Program: (FY 2006)										14,000
Planned in Next Four Years Program:										45,000
Remaining Deficiency:										0
Grand Total:										72,000
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2005)										
CATEGORY				SCOPE			COST DESIGN STATUS			
CODE	PROJECT TITLE			SCOPE			\$,000	START	C MPL	
010-211	Unspecified Minor Construction						13,000			
							Total	13,000		
9a. Future Projects: Included in the Following Program: (FY2006)										
010-211	Unspecified Minor Construction						14,000			
							Total	14,000		
9b. Future Projects: Typical Planned Next Three Years:										
010-211	Unspecified Minor Construction						15,000			
010-211	Unspecified Minor Construction						15,000			
010-211	Unspecified Minor Construction						15,000			
							Total	45,000		
9c. Real Proper-y Maintenance Backlog This Installation										
11. Outstanding pollution and Safety (OSHA Deficiencies:										
a. Air pollution										
b. Water Pollution										
c. Occupational Safety and Health										
d. Other Environmental										

DD Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION HQ USAF, DISTRICT OF COLUMBIA		4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION			
5. PROGRAM ELEMENT 91211	6. CATEGORY CODE 102-11	7. PROJECT NUMBER PAY2050002	8. PROJECT COST (\$000) 13,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
PRIMARY FACILITIES					13,000
UNSPECIFIED MINOR CONSTRUCTION		LS			(13,000)
SUPPORTING FACILITIES					0
SUBTOTAL					13,000
TOTAL CONTRACT COST					13,000
TOTAL REQUEST					13,000
TOTAL REQUEST (ROUNDED)					13,000
<p>10. Description of Proposed Construction: Provide a lump sum amount for unspecified construction projects not otherwise authorized by law. Minor construction projects costing less than these limits are authorized to be funded from the operations and maintenance appropriation. Include construction, alteration, or conversion of permanent or temporary facilities.</p>					
<p>11. REQUIREMENT: LS ADEQUATE: LS SUBSTANDARD: LS</p> <p>PROJECT: As required.</p> <p>REQUIREMENT: Minor construction projects authorized by 10 U. S. Code 2805 are military construction projects with an estimated funded cost between \$750,000 and \$1,500,000; however, projects with an estimated funded cost of \$1,000,000 to \$3,000,000 may be funded under this authority when specifically planned to correct a life, health or safety deficiency. This package provides a means of accomplishing urgent projects that are not identified but which are anticipated to arise during FY05. Included would be projects to support new mission requirements, support of new equipment and concept, and other essential support to Air Force missions and functions that could not wait until availability of FY05 Military Construction Program funds.</p>					