



Department of the Air Force

Military Construction and Family Housing Program

**Fiscal Year (FY) 2001
Budget Estimates**

**Justification Data Submitted to Congress
February 2000**

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Fiscal Year (FY) 2001
President's Budget**

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Inside the United States Construction Projects

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION VANDENBERG AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE UPGRADE WATER DISTRIBUTION SYSTEM	5. PROJECT NUMBER XUMU003005R	
<p><u>IMPACT IF NOT PROVIDED:</u> Stagnation in the water system will continue leading to disinfectant residual degradation in violation of Health and Safety Code. Outbreaks of bacteria will lead to public "do not drink" notifications and future NOV's due to violations of CCR Title 22. These outbreaks could result in penalties or fines from an NOV and adverse impacts to the health of the base populace.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." All known alternative options were considered during the development of this project. No other option could meet environmental and mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared. Base Civil Engineer: Col Steven Boyce, (805) 606-8232.</p> <p>Upgrade Water Distribution System: 41,500LM = 136,120LF.</p>		

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE				
3. INSTALLATION AND LOCATION VANDENBERG AIR FORCE BASE, CALIFORNIA						
4. PROJECT TITLE UPGRADE WATER DISTRIBUTION SYSTEM	5. PROJECT NUMBER XUMU003005R					
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures</p> <p>(2) Basis:</p> <table data-bbox="357 659 1396 734"> <tr> <td>(a) Standard or Definitive Design -</td> <td>NO</td> </tr> <tr> <td>(b) Where Design Was Most Recently Used -</td> <td>N/A</td> </tr> </table> <p>(3) Design Allowance 232</p> <p>(3a) Construction Contract Award Date 00 DEC</p> <p>(4) Construction Start 01 FEB</p> <p>(5) Construction Completion 02 JUL</p> <p>(6) Energy Study/Life-Cycle analysis was/will be performed N</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>			(a) Standard or Definitive Design -	NO	(b) Where Design Was Most Recently Used -	N/A
(a) Standard or Definitive Design -	NO					
(b) Where Design Was Most Recently Used -	N/A					

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM (computer generated)									2. DATE	
AIR FORCE											
3. INSTALLATION AND LOCATION					4. COMMAND			5. AREA CONST			
BUCKLEY AIR NATIONAL GUARD BASE, COLORADO					AIR NATIONAL GUARD			COST INDEX 1.04			
6. PERSONNEL		PERMANENT			STUDENTS			SUPPORTED			
STRENGTH		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 99		141	798	616							1,555
b. End FY 2005		113	672	619							1,404
7. INVENTORY DATA (\$000)											
a. Total Acreage: (3,832)											
b. Inventory Total As Of: (30 SEP 99) 3,015,117											
c. Authorization Not Yet In Inventory: 0											
d. Authorization Requested In This Program: 2,750											
e. Authorization Included In Following Program: (FY 2002) 8,600											
f. Planned In Next Three Program Years: 9,500											
g. Remaining Deficiency: 11,000											
h. Grand Total: 3,046,967											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001											
CATEGORY				COST				DESIGN		STATUS	
CODE	PROJECT TITLE			SCOPE	(\$000)	START	CMPL				
812-225	SBIRS POWER CONNECTION			LS	2,750	APR 99	SEP 00				
					TOTAL:	2,750					
9a. Future Projects: Included in the Following Program (FY 2002)											
740-674	FITNESS CENTER			5,051 SM	8,600						
					TOTAL:	8,600					
9b. Future Projects: Typical Planned Next Three Years:											
131-132	ADD/ALTER SBIRS MISSION CONTROL STATION			1,793 SM	6,500						
171-475	INDOOR SMALL ARMS RANGE			1,000 SM	3,000						
10. Mission or Major Functions: Headquarters Colorado Air National Guard; 140th Fighter Wing with F-16C/D aircraft, the 821st Space Group, a space warning squadron, and an Air Intelligence Agency Operations Support Squadron; an Army Aviation Support facility with UH-60, OH-58, and UH-1 helicopters; the Denver Naval Research Center; and the 743rd Army Intelligence Battalion.											
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	
12. Real Property Maintenance Backlog This Installation										27,207	

1. COMPONENT		FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
BUCKLEY AIR NATIONAL GUARD BASE, COLORADO			SPACE BASED INFRARED SYSTEM POWER CONNECTION		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
6.44.41	812-225	CRWU013002	2,750		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
SPACE BASED INFRARED SYSTEM POWER CONNECTION		LS			2,038
ELECTRIC SWITCHING STATION		LS			(1,480)
PRIMARY UNDERGROUND DISTRIBUTION LINE		LM	742	752	(558)
SUPPORTING FACILITIES					580
UTILITIES		LS			(250)
SITE IMPROVEMENTS		LS			(70)
PAVEMENTS		LS			(90)
TESTING AND CHECKOUT		LS			(170)
SUBTOTAL					2,618
TOTAL CONTRACT COST					2,618
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					149
TOTAL REQUEST					2,767
TOTAL REQUEST (ROUNDED)					2,750
10. Description of Proposed Construction: New underground diverse routing of primary and backup 4160 volt power feeds complete with dual 2500KVA transformers and dual redundant switchgear. Reprogram existing generator control system and switchgear to allow for independent power feeds. This work includes all cabling, connections, conduit, system testing, and other associated work to provide complete power feed.					
11. REQUIREMENT: As required.					
PROJECT: Space based infrared system (SBIRS) power connection. (New Mission)					
REQUIREMENT: This project directly supports the Space Based Infrared System (SBIRS), an Air Force core modernization program. It provides for reliable primary and emergency backup power for the Mission Control Station in support of the SBIRS program. The Mission Control Station provides central processing functions for tactical and strategic space-based early warning battlespace characterization and technical intelligence gathering requirements. Backup power is required to limit downtime to five and one half minutes per year (99.999% availability) for mission critical utility loads. This new power connection is required to obtain the required power availability.					
CURRENT SITUATION: SBIRS will replace the Defense Support Program (DSP); however, the existing DSP power plant on site is not capable of supporting both the new and existing missions at the same time due to generator and main switchgear limitations. A Memorandum of Agreement is in place that allows both the commercial and backup power requirements to be supplied via a temporary connection to the Aerospace Data Facility power plant. This connection must be upgraded because the temporary connection is rated for 1.5 Megawatts while the SBIRS Mission Control Station requires a 2.5					

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION BUCKLEY AIR NATIONAL GUARD BASE, COLORADO		
4. PROJECT TITLE SPACE BASED INFRARED SYSTEM POWER CONNECTION	5. PROJECT NUMBER CRWU013002	
<p>Megawatt connection for full mission capability to be realized.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The SBIRS Mission Control Station will have no commercial or backup power beyond the five year limitation imposed by the Aerospace Data Facility. Even if the Memorandum of Agreement with the Aerospace Data Facility is extended, the temporary feeder cannot provide sufficient power for full mission capability of the SBIRS Mission Control Station.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared. Base Civil Engineer: Lt Col James Mills, (719)556-7631. Primary Underground Distribution Line: 742 LM = 2,434 LF.</p>		

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE																										
3. INSTALLATION AND LOCATION BUCKLEY AIR NATIONAL GUARD BASE, COLORADO																												
4. PROJECT TITLE SPACE BASED INFRARED SYSTEM POWER CONNECTION	5. PROJECT NUMBER CRWU013002																											
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data: Design, Bid, Build</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started</td> <td>99 APR 01</td> </tr> <tr> <td>(b) Parametric Cost Estimates used to develop costs</td> <td>Y</td> </tr> <tr> <td>* (c) Percent Complete as of Jan 2000</td> <td>15%</td> </tr> <tr> <td>* (d) Date 35% Designed.</td> <td>99 DEC 15</td> </tr> <tr> <td>(e) Date Design Complete</td> <td>00 SEP 20</td> </tr> <tr> <td>(f) Energy Study/Life-Cycle analysis was/will be performed</td> <td>Y</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>N/A</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>165</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td>82</td> </tr> <tr> <td>(c) Total</td> <td>247</td> </tr> <tr> <td>(d) Contract</td> <td>207</td> </tr> <tr> <td>(e) In-house</td> <td>40</td> </tr> </table> <p>(3a) Construction Contract Award Date 00 NOV</p> <p>(4) Construction Start 01 JAN</p> <p>(5) Construction Completion 01 SEP</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	99 APR 01	(b) Parametric Cost Estimates used to develop costs	Y	* (c) Percent Complete as of Jan 2000	15%	* (d) Date 35% Designed.	99 DEC 15	(e) Date Design Complete	00 SEP 20	(f) Energy Study/Life-Cycle analysis was/will be performed	Y	(a) Standard or Definitive Design -	NO	(b) Where Design Was Most Recently Used -	N/A	(a) Production of Plans and Specifications	165	(b) All Other Design Costs	82	(c) Total	247	(d) Contract	207	(e) In-house	40
(a) Date Design Started	99 APR 01																											
(b) Parametric Cost Estimates used to develop costs	Y																											
* (c) Percent Complete as of Jan 2000	15%																											
* (d) Date 35% Designed.	99 DEC 15																											
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(a) Standard or Definitive Design -	NO																											
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(d) Contract	207																											
(e) In-house	40																											

1. COMPONENT		FY 2001 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE				
AIR FORCE												
3. INSTALLATION AND LOCATION						4. COMMAND			5. AREA CONST COST INDEX			
PETERSON AIR FORCE BASE, COLORADO						AIR FORCE			SPACE COMMAND			1.03
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL	
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
a. As of 30 SEP 99		1141	1952	1745				8	7	1	4,854	
b. End FY 2005		1120	1932	1777				8	7	1	4,845	
7. INVENTORY DATA (\$000)												
a. Total Acreage: (1,278)												
b. Inventory Total As Of: (30 SEP 99) 2,322,743												
c. Authorization Not Yet In Inventory: 0												
d. Authorization Requested In This Program: 13,260												
e. Authorization Included In Following Program: (FY 2002) 19,850												
f. Planned In Next Three Program Years: 35,700												
g. Remaining Deficiency: 32,262												
h. Grand Total: 2,423,815												
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001												
CATEGORY		PROJECT TITLE				SCOPE		COST (\$000)		DESIGN STATUS		
<u>CODE</u>										<u>START</u> <u>CMPL</u>		
141-456		OPERATIONS SUPPORT FACILITY				950 SM		2,260		TURN KEY		
721-312		DORMITORY				144 RM		11,000		TURN KEY		
						TOTAL:		13,260				
9a. Future Projects: Included in the Following Program (FY 2002)												
610-284		ADD TO AND ALTER USSPACECOM HEADQUARTERS				3,250 SM		6,300				
721-312		DORMITORY				144 RM		11,300				
911-146		MAINTAIN ACCESS MAIN GATE				7 HC		2,250				
						TOTAL:		19,850				
9b. Future Projects: Typical Planned Next Three Years:												
442-758		MISSION SUPPORT WAREHOUSE PHASE I				5,425 SM		9,800				
721-312		DORMITORY				144 RM		12,400				
721-312		DORMITORY				144 RM		12,200				
740-674		ADD TO AND ALTER FITNESS CENTER				832 SM		1,300				
10. Mission or Major Functions: Headquarters United States Space Command; Headquarters Air Force Space Command; Headquarters North American Air Defense Command; Space and Warning Systems Center; a space wing with C-21 aircraft; an Air Intelligence Agency intelligence group; the Air Force Materiel Command Space Systems Support Group; and an Air Force Reserve airlift wing with one C-130 squadron and an ANG C-21 unit.												
11. Outstanding pollution and safety (OSHA) deficiencies:												
a. Air pollution:											70,000	
b. Water pollution:											82,000	
c. Occupational safety and health:											0	
d. Other Environmental:											1,042,000	
12. Real Property Maintenance Backlog This Installation										5,747		

1. COMPONENT		FY 2001 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
AIR FORCE		(computer generated)			
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
PETERSON AIR FORCE BASE, COLORADO			DORMITORY (144 RM)		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
3.59.96	721-312	TDKA983003	11,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
DORMITORY (144 RM)					8,442
DORMITORY		SM	5,040	1,675	(8,442)
SUPPORTING FACILITIES					2,050
UTILITIES		LS			(750)
PAVEMENTS		LS			(600)
SITE IMPROVEMENTS		LS			(480)
RELOCATE ATHLETIC COURTS		EA	4	55,000	(220)
SUBTOTAL					10,492
TOTAL CONTRACT COST					10,492
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					598
TOTAL REQUEST					11,090
TOTAL REQUEST (ROUNDED)					11,000
10. Description of Proposed Construction: Three story, concrete foundation/floor slabs, masonry walls, standing seam metal roof. Includes room-bath-room modules with common kitchen and dining area, laundries, storage, lounge areas, mailroom, supporting facilities, and minimum antiterrorism/ force protection measures. Site constraints require relocation of 4 tennis/basketball courts and rerouting of utility lines. Air Conditioning: 450 KW.					
11. REQUIREMENT: 1,207 RM ADEQUATE: 378 RM SUBSTANDARD: 204 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. Peterson AFB supports both Cheyenne Mountain AFS and Schriever AFB with unaccompanied enlisted housing. <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					

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION PETERSON AIR FORCE BASE, COLORADO		
4. PROJECT TITLE DORMITORY (144 RM)	5. PROJECT NUMBER TDKA983003	
<p>uniform barracks construction standard, known as "one-plus-one", 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 needed or performed. FY1998 Unaccompanied Housing Real Property Maintenance Conducted: \$322K. FY1999 Unaccompanied Housing Real Property Maintenance conducted: \$302K. Future Unaccompanied Housing RPM requirements (estimated): FY00: \$320; FY01: \$332K; FY02: \$346K; FY03: \$362. Base Civil Engineer: Lt Col James Mills (719)556-7631. Dormitory: 5,040SM = 54,230 SF.</p>		

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE				
3. INSTALLATION AND LOCATION PETERSON AIR FORCE BASE, COLORADO						
4. PROJECT TITLE DORMITORY (144 RM)	5. PROJECT NUMBER TDKA983003					
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures</p> <p>(2) Basis:</p> <table data-bbox="365 683 1388 746"> <tr> <td>(a) Standard or Definitive Design -</td> <td>NO</td> </tr> <tr> <td>(b) Where Design Was Most Recently Used -</td> <td>N/A</td> </tr> </table> <p>(3) Design Allowance 550</p> <p>(3a) Construction Contract Award Date 00 NOV</p> <p>(4) Construction Start 01 FEB</p> <p>(5) Construction Completion 02 AUG</p> <p>(6) Energy Study/Life-Cycle analysis was/will be performed Y</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>			(a) Standard or Definitive Design -	NO	(b) Where Design Was Most Recently Used -	N/A
(a) Standard or Definitive Design -	NO					
(b) Where Design Was Most Recently Used -	N/A					

1. COMPONENT		FY 2001 MILITARY CONSTRUCTION PROGRAM (computer generated)								2. DATE	
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST			
PETERSON AIR FORCE BASE, COLORADO				AIR FORCE				COST INDEX			
				SPACE COMMAND				1.03			
6. PERSONNEL		PERMANENT			STUDENTS			SUPPORTED			
STRENGTH		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 99		1141	1952	1745				8	7	1	4,854
b. End FY 2005		1120	1932	1777				8	7	1	4,845
7. INVENTORY DATA (\$000)											
a. Total Acreage: (1,278)											
b. Inventory Total As Of: (30 SEP 99) 2,322,743											
c. Authorization Not Yet In Inventory: 0											
d. Authorization Requested In This Program: 13,260											
e. Authorization Included In Following Program: (FY 2002) 19,850											
f. Planned In Next Three Program Years: 35,700											
g. Remaining Deficiency: 32,262											
h. Grand Total: 2,423,815											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START	CMPL		
141-456	OPERATIONS SUPPORT FACILITY			950 SM		2,260		TURN	KEY		
721-312	DORMITORY			144 RM		11,000		TURN	KEY		
TOTAL:						13,260					
9a. Future Projects: Included in the Following Program (FY 2002)											
610-284	ADD TO AND ALTER USSPACECOM HEADQUARTERS			3,250 SM		6,300					
721-312	DORMITORY			144 RM		11,300					
911-146	MAINTAIN ACCESS MAIN GATE			7 HC		2,250					
TOTAL:						19,850					
9b. Future Projects: Typical Planned Next Three Years:											
442-758	MISSION SUPPORT WAREHOUSE PHASE I			5,425 SM		9,800					
721-312	DORMITORY			144 RM		12,400					
721-312	DORMITORY			144 RM		12,200					
740-674	ADD TO AND ALTER FITNESS CENTER			832 SM		1,300					
10. Mission or Major Functions: Headquarters United States Space Command; Headquarters Air Force Space Command; Headquarters North American Air Defense Command; a space wing with C-21 aircraft; the Air Force Material Command Space Systems Support Group; and an Air Force Reserve airlift wing with one C-130 squadron.											
11. Outstanding pollution and safety (OSHA) deficiencies:											
a. Air pollution:										70,000	
b. Water pollution:										82,000	
c. Occupational safety and health:										0	
d. Other Environmental:										1,042,000	
12. Real Property Maintenance Backlog This Installation										5,747	

1. COMPONENT		FY 2001 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
AIR FORCE		(computer generated)			
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
PETERSON AIR FORCE BASE, COLORADO			OPERATIONS SUPPORT FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
2.80.19	141-456	TDKA003010	2,260		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
OPERATIONS SUPPORT FACILITY		SM	950	1,514	1,438
SUPPORTING FACILITIES					715
UTILITIES		LS			(240)
PAVEMENTS		LS			(160)
SITE IMPROVEMENTS		LS			(80)
SECURE COMMUNICATIONS		LS			(100)
FORCE PROTECTION MEASURES		LS			(40)
SCIF		SM	250	380	(95)
SUBTOTAL					2,153
TOTAL CONTRACT COST					2,153
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					123
TOTAL REQUEST					2,276
TOTAL REQUEST (ROUNDED)					2,260
10. Description of Proposed Construction: Single story facility with concrete foundation, reinforced concrete slab on grade floor, masonry walls with brick veneer, standing seam metal roof. Includes Sensitive Compartmentalized Information Facility (SCIF) area, secure vault, entry control point, fire protection, force protection measures, communications, sitework, and all other support. Air Conditioning: 30 KW.					
11. REQUIREMENT: 950 SM ADEQUATE: 0 SUBSTANDARD: 515 SM PROJECT: Construct an operations support facility. (Current Mission) REQUIREMENT: An adequate, energy efficient, properly configured, secure facility is required to house 50 personnel from the 544th Intelligence Group (IG). A SCIF and support space is needed for operation and maintenance functions, communication centers, security measures, and support functions for Air Intelligence Agency operations. Increased space requirements resulted from expanded mission responsibilities with 14th Air Force and 21st Space Wing, and growth of space units under the control of the 544 IG. CURRENT SITUATION: The 544th Intelligence Group occupies 515 SM of the first floor of Building 845, the 21st Space Wing Headquarters Facility. At their current manning level of 35 personnel, the 544 IG uses all the available space in this building. There are 27 people working in support space and 8 people working in a secure vault. There is no more room for the additional personnel which require both SCIF and support space for the group's operations. In addition, there is no more SCIF space available on Peterson AFB. IMPACT IF NOT PROVIDED: The 544 IG will be forced to disperse additional					

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION PETERSON AIR FORCE BASE, COLORADO		
4. PROJECT TITLE OPERATIONS SUPPORT FACILITY	5. PROJECT NUMBER TDKA003010	
<p>personnel to other facilities on base, adversely affecting command and control and decreasing unit productivity. The 544 IG SCIF operations will be forced to be conducted in approximately 1/2 the actual secure space required for effective operations. Inadequate SCIF and support space will prevent the 544 IG from effectively performing its mission.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, building expansion, new construction, finding alternative space, and leasing) has been accomplished. Results of this analysis indicate only one option, new construction, will meet all operational requirements. Accordingly, a full economic analysis was not performed. A Certificate of Exception has been prepared. Base Civil Engineer: Lt Col James Mills (719) 556-7631. Operations Support Facility: 950SM = 10,222SF.</p>		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
PETERSON AIR FORCE BASE, COLORADO		
4. PROJECT TITLE	5. PROJECT NUMBER	
OPERATIONS SUPPORT FACILITY	TDKA003010	
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 -	N/A	
(3) Design Allowance	113	
(3a) Construction Contract Award Date	00 NOV	
(4) Construction Start	01 JAN	
(5) Construction Completion	01 DEC	
(6) Energy Study/Life-Cycle analysis was/will be performed	Y	
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM (computer generated)									2. DATE	
AIR FORCE											
3. INSTALLATION AND LOCATION					4. COMMAND			5. AREA CONST			
SCHRIEVER AIR FORCE BASE, COLORADO					AIR FORCE			COST INDEX			
					SPACE COMMAND			1.08			
6. PERSONNEL		PERMANENT			STUDENTS			SUPPORTED			
STRENGTH		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 99		674	1392	479							2,545
b. End FY 2005		667	1328	514							2,509
7. INVENTORY DATA (\$000)											
a. Total Acreage: (4,172)											
b. Inventory Total As Of: (30 SEP 99) 2,568,742											
c. Authorization Not Yet In Inventory: 0											
d. Authorization Requested In This Program: 8,450											
e. Authorization Included In Following Program: (FY 2002) 18,500											
f. Planned In Next Three Program Years: 6,600											
g. Remaining Deficiency: 31,212											
h. Grand Total: 2,633,504											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001											
CATEGORY						COST		DESIGN		STATUS	
CODE		PROJECT TITLE				SCOPE		(\$000)		START Cmpl	
610-243		ADD TO OPERATIONAL SUPPORT FACILITY				4,450 SM		8,450		TURN KEY	
						TOTAL:		8,450			
9a. Future Projects: Included in the Following Program (FY 2002)											
131-132		SBIRS MISSION CONTROL STATION BACKUP				4,894 SM		18,500			
						TOTAL:		18,500			
9b. Future Projects: Typical Planned Next Three Years:											
442-758		SECURE AREA LOGISTICS COMPLEX				6,000 SM		6,600			
10. Mission or Major Functions: A space wing; the Space Warfare Center; the Air Force Space Battlelab; an intelligence squadron; an AF Reserves space group; the JOINT National Test Bed.											
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	
12. Real Property Maintenance Backlog This Installation										14,912	

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
AIR FORCE				
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
SCHRIEVER AIR FORCE BASE, COLORADO		ADD TO OPERATIONAL SUPPORT FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)	
3.59.96	610-243	GLEN983007C	8,450	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ADD TO OPERATIONAL SUPPORT FACILITY	SM	4,450	1,370	6,097
SUPPORTING FACILITIES				1,915
UTILITIES	LS			(485)
SITE IMPROVEMENTS	LS			(200)
PAVEMENTS	LS			(340)
ELECTRICAL SUBSTATION	LS			(550)
DEMOLITION	SM	5,670	60	(340)
SUBTOTAL				8,012
TOTAL CONTRACT COST				8,012
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				457
TOTAL REQUEST				8,469
TOTAL REQUEST (ROUNDED)				8,450
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Steel framed structure with roofing system and exterior finish that matches the existing facility. Elevator, utilities, fire suppression, parking, and all necessary support are included. Provide minimum antiterrorism/force protection measures. Demolish remaining Government owned modular facilities (5,670 SM). Air Conditioning: 370 KW.				
11. REQUIREMENT: 14,775 SM ADEQUATE: 10,325 SM SUBSTANDARD: 4,450 SM PROJECT: Construct an addition to the Operational Support Facility. (Current Mission) REQUIREMENT: Permanent, adequately sized work space is required for supporting Air Force satellite operations. To meet mission growth requirements, support space must be constructed to free-up operational space in expensive technical facilities. Specifically, this project will provide space for the Contracting function which oversees mission critical contracts supporting the Air Force Satellite Control Network (AFSCN), the Space Warfare Center, the Cheyenne Mountain Training System, five solar observatories, and remote site integration. This project also provides a permanent facility for Detachment 11, Space and Missile Systems Center to provide on-site integrated engineering services to support Air Force satellite systems, the Space Warfare Center, the Defense Support Program (DSP), the Global Positioning System (GPS), and the MILSTAR Satellite Communications System (MILSATCOM). This project will also provide space for the Consolidated Program Management Office, the Defense Security Service, and the Air Force Office of Special Investigation. CURRENT SITUATION: Schriever AFB has experienced substantial mission				

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION SCHRIEVER AIR FORCE BASE, COLORADO		
4. PROJECT TITLE ADD TO OPERATIONAL SUPPORT FACILITY	5. PROJECT NUMBER GLEN983007C	
<p>growth with the increasing presence of DoD satellite programs. During this time, there has been little corresponding growth in infrastructure. Requirements now far exceed the space available. The functions described are forced to occupy temporary facilities or are using facilities designed for technical requirements. These temporary facilities are six and eleven years old and are absorbing many times the costs required to operate and maintain permanent facilities. During the first five years, the annual costs averaged \$75,000. However, over the last three years, annual maintenance and repair costs have exceeded \$250,000. The largest temporary facility consists of approximately 67 trailers bolted together placed on concrete block columns. The unstable foundation requires the use of scarce operations and maintenance funds to correct severe settling problems. Insufficient insulation and inefficient heating and air conditioning results in wasted energy and large utility bills, contrary to DoD goals. Roof leaks are a constant problem, hampering the mission and damaging equipment. Foundation settlement under the columns, cracked columns, uneven floors, broken tie-down anchors, and buckled roof sheathing are some of the safety problems experienced. In May 1995, an architectural/engineering study addressed these issues and identified over one million dollars in repair costs.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The follow-on engineering and contracting support functions for the diversified DoD satellite missions will continue to be housed in degraded temporary facilities with mission disruption and forced work-arounds. As these temporary facilities age, they will further deteriorate, incurring additional operation and maintenance costs of up to \$400,000 per year.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". An Economic Analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project. Base Civil Engineer: Lt Col Carmelo Cruz, (719)567-4200. Add to Operational Support Facility: 4,450 SM = 47,899 SF.</p>		

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE				
3. INSTALLATION AND LOCATION SCHRIEVER AIR FORCE BASE, COLORADO						
4. PROJECT TITLE ADD TO OPERATIONAL SUPPORT FACILITY	5. PROJECT NUMBER GLEN983007C					
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures</p> <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>N/A</td> </tr> </table> <p>(3) Design Allowance 422</p> <p>(3a) Construction Contract Award Date 00 DEC</p> <p>(4) Construction Start 01 MAR</p> <p>(5) Construction Completion 02 JUN</p> <p>(6) Energy Study/Life-Cycle analysis was/will be performed Y</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>			(a) Standard or Definitive Design -	NO	(b) Where Design Was Most Recently Used -	N/A
(a) Standard or Definitive Design -	NO					
(b) Where Design Was Most Recently Used -	N/A					

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM (computer generated)										2. DATE	
AIR FORCE												
3. INSTALLATION AND LOCATION					4. COMMAND					5. AREA CONST		
UNITED STATES AIR FORCE ACADEMY, COLORADO					UNITED STATES AIR FORCE ACADEMY					COST INDEX 1.03		
6. PERSONNEL		PERMANENT			STUDENTS			SUPPORTED				
STRENGTH		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL	
a. As of 30 SEP 99		940	1026	1914		182		21	4000	190	8,273	
b. End FY 2005		925	870	1336		182		21	4000	190	7,524	
7. INVENTORY DATA (\$000)												
a. Total Acreage: (53,276)												
b. Inventory Total As Of: (30 SEP 99) 426,428												
c. Authorization Not Yet In Inventory: 0												
d. Authorization Requested In This Program: 18,960												
e. Authorization Included In Following Program: (FY 2002) 17,944												
f. Planned In Next Three Program Years: 0												
g. Remaining Deficiency: 36,490												
h. Grand Total: 499,822												
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001												
CATEGORY		PROJECT TITLE					SCOPE		COST (\$000)		DESIGN STATUS	
CODE											START Cmpl	
171-157		ADD TO ATHLETIC FACILITY					10,219 SM		18,960		TURN KEY	
							TOTAL:		18,960			
9a. Future Projects: Included in the Following Program (FY 2002)												
171-157		ADAL ATHLETIC FACILITY					4,758 SM		10,700			
171-853		UPGRADE ACADEMIC FACILITY, PH4					18,183 SM		7,244			
							TOTAL:		17,944			
9b. Future Projects: Typical Planned Next Three Years:												
10. Mission or Major Functions: Responsible for providing education and training for cadets to become Air Force officers with three flying training squadrons supporting T-41/T-3, and glider aircraft; and an air base wing.												
11. Outstanding pollution and safety (OSHA) deficiencies:												
a. Air pollution:										0		
b. Water pollution:										0		
c. Occupational safety and health:										0		
d. Other Environmental:										0		
12. Real Property Maintenance Backlog This Installation										74,374		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
AIR FORCE				
3. INSTALLATION AND LOCATION	4. PROJECT TITLE			
UNITED STATES AIR FORCE ACADEMY, COLORADO	ADD TO ATHLETIC FACILITY			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
8.58.96	171-157	XQPZ974011	18,960	

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ADD TO ATHLETIC FACILITY	SM	10,219	1,504	15,369
SUPPORTING FACILITIES				2,375
UTILITIES	LS			(985)
PAVEMENTS	LS			(760)
SITE IMPROVEMENTS	LS			(630)
SUBTOTAL				17,744
TOTAL CONTRACT COST				17,744
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,011
TOTAL REQUEST				18,755
TOTAL REQUEST (ROUNDED)				18,960

10. Description of Proposed Construction: Foundation, perimeter walls, floor slab, and roof to match existing architecture of aluminum, glass, concrete, and stone. Provide all necessary support.
Air Conditioning: 530 KW.

11. REQUIREMENT: As required.

PROJECT: Athletic facility. (Current Mission)

REQUIREMENT: Resolve space and code deficiencies and progress toward meeting gender equity requirements of the National Collegiate Athletic Association (NCAA) and the Mountain West Conference. Construct new facility to resolve space and functional deficiencies and to allow the (FY02 MILCON) Phase 2, gender equity, reconfigurations within the Field House. Construct space for sports medicine, weight training, sports program offices, lockers, team meeting areas, athlete study area, sports and athletic education area, administrative offices, and storage.

CURRENT SITUATION: All cadets participate in physical education and either intramural or intercollegiate athletic competition. The existing cadet athletic facilities were built to accommodate male cadet sports and athletic programs. When female cadets entered the Academy, no additional space was provided. All ten women's sports intercollegiate teams have been elevated to NCAA Division I competition and the facility requirements (namely locker rooms and coaches offices) for women's programs have increased as a result. Visiting teams either dress in hotel rooms, when available, or in make-shift areas because of the lack of a women's visiting team locker room. There are not enough locker rooms to accommodate men and women referees and multiple teams. Training and medical treatment areas are inadequate. The lack of private examining

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION UNITED STATES AIR FORCE ACADEMY, COLORADO		
4. PROJECT TITLE ADD TO ATHLETIC FACILITY	5. PROJECT NUMBER XQPZ974011	
<p>rooms and insufficient treatment and rehabilitation space results in crowded and unprofessional conditions and less than optimum treatment. The existing weight rooms are too small to meet the number of cadets requiring strength training. Due to the space shortage, teams must be scheduled for less time in the weight rooms than needed, diminishing the effectiveness of the training and adversely affecting cadets' fitness and strength. The medical and strength training shortfalls are further exacerbated by educational constraints; with the institutional schedule of classes and meals, all athletes must be scheduled for the weight and medical training rooms during a single 4-hour block in the afternoon. Accessibility and utility code deficiencies require mitigation.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Locker and medical/training rooms have NCAA gender-equity deficiencies and fall short of NCAA Division I standards. Space and program shortfalls will be written up as deficiencies in the year 2000 NCAA certification visit to the Academy. Athletic training shortfalls preclude effective injury prevention work and result in less than ideal treatment and rehabilitation results. Personnel will continue to be exposed to accessibility, heating, ventilation, and air conditioning code deficiencies.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Air Force Handbook 32-1084, "Facility Requirements." However, the requirements for this project were developed by an engineering study and validated by an independent AFCEE team. All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared. Resolution of gender equity and other deficiencies will only be achieved after completion of this project and the FY02 Phase 2 project. Base Civil Engineer: Col Susanne Waylett (719) 333-2660. Athletic Facilities: 10,219 SM = 110,000 SF</p>		

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE				
3. INSTALLATION AND LOCATION UNITED STATES AIR FORCE ACADEMY, COLORADO						
4. PROJECT TITLE ADD TO ATHLETIC FACILITY	5. PROJECT NUMBER XQPZ974011					
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures</p> <p>(2) Basis:</p> <table data-bbox="381 697 1410 761"> <tr> <td>(a) Standard or Definitive Design -</td> <td>NO</td> </tr> <tr> <td>(b) Where Design Was Most Recently Used -</td> <td>N/A</td> </tr> </table> <p>(3) Design Allowance 948</p> <p>(3a) Construction Contract Award Date 00 NOV</p> <p>(4) Construction Start 01 JAN</p> <p>(5) Construction Completion 02 DEC</p> <p>(6) Energy Study/Life-Cycle analysis was/will be performed Y</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>			(a) Standard or Definitive Design -	NO	(b) Where Design Was Most Recently Used -	N/A
(a) Standard or Definitive Design -	NO					
(b) Where Design Was Most Recently Used -	N/A					

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM									2. DATE		
AIR FORCE	(computer generated)											
3. INSTALLATION AND LOCATION					4. COMMAND					5. AREA CONST		
BOLLING AIR FORCE BASE, DISTRICT OF COLUMBIA					AIR FORCE DISTRICT OF WASHINGTON					COST INDEX 0.95		
6. PERSONNEL STRENGTH			PERMANENT			STUDENTS			SUPPORTED			TOTAL
			OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. As of 30 SEP 99			382	1251	722				301	784	40	3,480
b. End FY 2005			381	1234	706				301	784	40	3,446
7. INVENTORY DATA (\$000)												
a. Total Acreage: (607)												
b. Inventory Total As Of: (30 SEP 99) 2,520,903												
c. Authorization Not Yet In Inventory: 0												
d. Authorization Requested In This Program: 4,520												
e. Authorization Included In Following Program: (FY 2002) 6,409												
f. Planned In Next Three Program Years: 0												
g. Remaining Deficiency: 18,500												
h. Grand Total: 2,550,332												
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001												
CATEGORY												
CODE		PROJECT TITLE				SCOPE		COST (\$000)		DESIGN START		STATUS CMPL
740-884		CHILD DEVELOPMENT CENTER				2,550 SM		4,520		JAN 99		SEP 00
						TOTAL:		4,520				
9a. Future Projects: Included in the Following Program (FY 2002)												
610-282		HERITAGE HALL				4,314 SM		6,409				
						TOTAL:		6,409				
9b. Future Projects: Typical Planned Next Three Years:												
10. Mission or Major Functions: Supports Air Force personnel in the National Capitol Region. Headquarters USAF functions include Chief of Chaplains, Surgeon General, and Historian; Headquarters Air Force Office of Special Investigations; Air Force Office of Scientific Research; Air Force Real Estate Agency; Air Force Legal Services Agency; Air Force Medical Operating Agency; USAF Band; USAF Honor Guard; a support wing, the Defense Intelligence Agency, and an intelligence 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	
12. Real Property Maintenance Backlog This Installation											2,650	

1. COMPONENT		FY 2001 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
AIR FORCE		(computer generated)			
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
BOLLING AIR FORCE BASE WASHINGTON, DC			CHILD DEVELOPMENT CENTER		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
9.12.12	740-884	BXUR980010	4,520		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
CHILD DEVELOPMENT CENTER		SM	2,550	1,370	3,494
SUPPORTING FACILITIES					770
UTILITIES		LS			(310)
SITE IMPROVEMENTS		LS			(110)
PAVEMENTS		LS			(120)
PLAYGROUND EQUIPMENT		LS			(230)
SUBTOTAL					4,264
TOTAL CONTRACT COST					4,264
SUPERVISION, INSPECTION AND OVERHEAD (6%)					256
TOTAL REQUEST					4,520
TOTAL REQUEST (ROUNDED)					4,520
10. Description of Proposed Construction: Reinforced concrete foundation, floor slab, masonry walls, roof system, fire protection, all utilities, site preparation including partial demolition of existing tennis courts, perimeter fence, and all necessary support amenities. Functional areas include reception area, multi-purpose child care rooms, rest rooms, kitchen, and playground. Air Conditioning: 180 KW.					
11. REQUIREMENT: 5,122 SM ADEQUATE: 1,506 SM SUBSTANDARD: 1,055 SM PROJECT: Construct a child development center. (Current Mission) REQUIREMENT: This facility requirement is in accordance with the Military Child Care Act of 1989. A properly sized child development center is required to provide supervised care and a development experience for dependent children aged six weeks through five years. The facility must provide a comfortable, clean, educational environment where military service members and DOD civilians can leave their children on an hourly, daily, or part-time basis, and provide secure and early developmental care for children. CURRENT SITUATION: The existing CDC was built in 1979. The capacity is limited to 104 children. The center has a waiting list of over 350 children. Because of the large number of children, the center is filled to capacity early each morning, requiring parents in need of child care to find other providers in the civilian community. Additional space is needed. Total child care need is 619 spaces. With completion of a previous MILCON project we will meet only 39% of the need, far short of DoD's 65% by 2002 standard. This project will bring us to 544 spaces or 88% of the need. By the year 2005, DoD requires that we meet 80% of the					

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION BOLLING AIR FORCE BASE WASHINGTON, DC		
4. PROJECT TITLE CHILD DEVELOPMENT CENTER	5. PROJECT NUMBER BXUR980010	
<p>need. Without the new facility, Bolling AFB will continue to be out of compliance.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Military personnel and their dependents will continue to use inadequate facilities and the waiting list will continue to grow. Lack of quality child care will contribute to personnel absenteeism, low morale, and has a negative impact on the military and civilian work force.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements" and DODI 6060.2, "Child Development Center Programs," published January 1993. An economic analysis was prepared comparing the alternatives of status quo, expansion, and new construction. Expansion was the recommended alternative that would provide the additional space needed at the Child Development Center at the lower life cycle cost. Base Civil Engineer: Col Randall Thady (202)767-5566. Child Development Center: 2,550 SM = 27,438 SF</p>		