

**Fiscal Year FY 2004/FY 2005
BUDGET ESTIMATE
AIR NATIONAL GUARD**



**MILITARY CONSTRUCTION
APPROPRIATION 3830**

Justification Data Submitted to Congress

February 2003

**DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2004**

TABLE OF CONTENTS

SUMMARY PROJECT LIST	i
NEW MISSION/CURRENT MISSION EXHIBIT	ii
SECTION I - BUDGET APPENDIX EXTRACT	
Appropriations Language	I-1
Special Program Considerations	I-2 – I-3
SECTION II - PROJECT JUSTIFICATION DATA	
DD Forms 1391	II-1 – II- 16
SECTION III - INSTALLATION DATA	
DD Forms 1390	III-1 – III-8
SECTION IV – FUTURE YEARS DEFENSE PLAN (FYDP)	
Fiscal Year Listing	IV-1 – IV-4
State/Installations Listing	IV-5 - IV-7

**SUMMARY PROJECT LIST
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM -- FY 2004**

<u>STATE</u>	<u>INSTALLATION AND PROJECT</u>	<u>APPR AMOUNT (\$000)</u>	<u>PAGE NO.</u>
Colorado	Buckley Air Force Base Civil Engineer Complex	<u>6,900</u>	II-1
	Sub-Total Colorado	6,900	
Iowa	Sioux Gateway Airport KC-135 Fire Crash/Rescue Station/ Security Forces Complex	<u>6,091</u>	II-4
	Sub-Total Iowa	6,091	
Mississippi	Camp Shelby Range C-17 Assault Runway	<u>7,409</u>	II-7
	Sub-Total Mississippi	7,409	
Rhode Island	Quonset State Airport Replace Composite Aircraft Maintenance Complex	<u>18,500</u>	II-10
	Sub-Total Rhode Island	18,500	
	SUB-TOTAL -- ALL BASES	38,900	
	PLANNING AND DESIGN	16,030	II-13
	UNSPECIFIED MINOR CONSTRUCTION	5,500	II-15
	SUB-TOTAL -- SUPPORT COSTS	<u>21,530</u>	
	GRAND TOTAL	<u>60,430</u>	

**NEW MISSION/CURRENT MISSION EXHIBIT
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM – FY 2004**

LOCATION	PROJECT	APPR COST (\$000)	CURRENT/ NEW/ENV
Buckley Air Force Base, CO	Civil Engineer Complex	6,900	N
Sioux Gateway Apt, IA	KC-135 Fire Crash/Rescue Station/ Security Forces Complex	6,091	N
Camp Shelby Range, MS	C-17 Assault Runway	7,409	N
Quonset State Airport, RI	Replace Composite Aircraft Maintenance Complex	18,500	C
	PLANNING AND DESIGN	16,030	
	UNSPECIFIED MINOR CONSTRUCTION	5,500	
	TOTAL ENERGY	0	
	TOTAL ENVIRONMENTAL	0	
	TOTAL NEW MISSION (3)	20,400	
	TOTAL CURRENT MISSION (1)	18,500	
	GRAND TOTAL - FY 2004 REQUEST	60,430	

**DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2004**

SECTION I

APPROPRIATIONS LANGUAGE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air National Guard, and contributions therefore, as authorized by Chapter 1803 of Title 10, United States Code, and Military Construction Authorizations Acts, \$62,430,000 to remain available until September 30, 2008.

SPECIAL PROGRAM CONSIDERATIONS

Environmental Compliance

The environmental compliance projects proposed in this program are necessary to correct current environmental noncompliance situations and to prevent future noncompliance.

Flood Plain Management and Wetland Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned in accordance with the requirements of Executive Orders 11988, Flood Plain Management, and 11900, Protection of Wetlands. Projects have been sited to avoid long and short-term adverse impacts, reduce the risk of flood losses, and minimize the loss, or degradation of wetlands.

Design for Accessibility of Physically Handicapped Personnel

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

Preservation of Historical Sites and Structures

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object, or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391s.

Environmental Protection

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

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources.

SPECIAL PROGRAM CONSIDERATIONS
(continued)

Reserve Manpower Potential

The reserve manpower potential to meet and maintain authorized strengths of all reserve flying/non-flying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other Services having reserve flying/non-flying units in these areas, that the number of units of the reserve components of the Armed Forces presently located in those areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorized strength considering the number of persons living in the areas who are qualified for membership in those reserve units.

Potential Use of Vacant Schools and Other State and Local Facilities

The potential use of vacant schools and other state and local owned facilities has been reviewed and analyzed for each facility to be constructed under this program.

Construction Criteria Manual

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facility Planning and Design Guide."

**DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2004**

SECTION II

PROJECT JUSTIFICATION DATA

1. COMPONENT ANG		FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2003			
3. INSTALLATION AND LOCATION BUCKLEY AIR FORCE BASE, COLORADO				4. PROJECT TITLE CIVIL ENGINEER COMPLEX				
5. PROGRAM ELEMENT 55296F		6. CATEGORY CODE 219-944	7. PROJECT NUMBER CRWU043009		8. PROJECT COST(\$000) \$6,900			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
ANG CIVIL ENGINEERING COMPLEX					SM	3,470		5,160
BASE ENGINEER ADMINISTRATION AREA					SM	929	1,572	(1,460)
BASE ENGINEER SHOP AREA					SM	1,036	1,679	(1,739)
COLD STORAGE AREA					SM	465	1,076	(500)
DISASTER PREPAREDNESS					SM	297	1,604	(476)
PAVEMENTS GROUNDS MAINTENANCE/STORAGE					SM	743	1,292	(960)
AT/FP MINIMUM PHYSICAL SECURITY STANDARDS					SM	2,262	11	(25)
SUPPORTING FACILITIES								1,040
UTILITIES					LS			(180)
PAVEMENTS					LS			(555)
SITE IMPROVEMENTS					LS			(195)
COMMUNICATION SUPPORT					LS			(60)
AT/FP SITE IMPROVEMENTS					LS			(50)
SUBTOTAL								6,200
CONTINGENCY (5%)								310
TOTAL CONTRACT COST								6,510
SUPERVISION, INSPECTION AND OVERHEAD (6%)								391
TOTAL REQUEST								6,901
TOTAL REQUEST (ROUNDED)								6,900
10. Description of Proposed Construction: New construction: Single-story steel-framed structure with reinforced concrete foundation and floor slab, masonry veneer exterior with exterior insulation and finish system accents and standing seam metal roof. Architectural style to match existing facilities. Includes: utility support, pavements, site improvements, fire protection, communication connection and support. Air Conditioning: 88 KW.								
11. REQUIREMENT: 3,470 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM <u>PROJECT:</u> Civil Engineer Complex (New Mission). <u>REQUIREMENT:</u> This project supports the new mission at Buckley Air Force Base (AFB). A Civil Engineer (CE) compound is required to support the 140th Wing, Colorado Air National Guard (ANG) mission. The ANG requires a properly sized and configured facility for CE operations, including management of construction, repair, and maintenance and wartime training. Functional areas include administration, training, maintenance shops, and storage. The active duty and ANG will jointly use the shops and storage area. <u>CURRENT SITUATION:</u> Air Force Space Command became the host at Buckley AFB October 2001 and the active duty, 460th Civil Engineer, will take possession of the existing 140th Civil Engineer Complex. Prior to October 2001, the ANG Civil Engineers provided host CE support to the active duty Air Force at Buckley ANG Base. This change was required due to the large growth in facilities supporting the new mission at Buckley AFB. The existing complex was better located and configured to meet the active duty requirements. However, the existing ANG Civil Engineering Complex's size could not accommodate both active duty base engineer functions and the ANG training functions and expanding the existing complex is not cost effective. Active duty civil engineers provide operations and maintenance (O&M) for facilities, utilities systems, and pavements throughout the base. Guard civil engineers retain O&M responsibility for the airfield facilities, runway, taxiways, control tower,								

1. COMPONENT ANG	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2003												
3. INSTALLATION AND LOCATION BUCKLEY AIR FORCE BASE, COLORADO														
5. PROJECT TITLE CIVIL ENGINEER COMPLEX	7. PROJECT NUMBER CRWU043009													
<p>munitions, F-16 operations and maintenance, and support facilities. The comprehensive base master plan highlighted the need for a facility swap. There are no adequately sized and sited facilities on base where the ANG Civil Engineers can be located. As a result, the Air Force should construct new facilities for the 140th ANG Civil Engineers. To ensure maximum operational efficiency, the new ANG Civil Engineer Complex will be located close to their support area. The U.S. Air Force and the State of Colorado entered into a formalized license prior to active duty occupying the Colorado ANG Civil Engineer Complex facilities. In accordance with Air Force Instruction 32-1012, paragraph 1.2, and DODI 1225.8 the active duty must provide a replacement facility for the ANG Civil Engineer work force to work and train.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The ANG Civil Engineers cannot completely vacate the space in the existing Civil Engineer Compound (Building 1005) to allow for the consolidation of the active duty civil engineer work force. Without a new civil engineering complex from which the 140th Civil Engineers can operate from, the unit cannot efficiently provide O&M support for their facilities, utility systems, or pavements as licensed. As a result, the 460th ABW and the host ability to support the mission will be significantly curtailed. Attempting to conduct civil engineer functions from scattered and overcrowded facilities results in inefficient operations and inadequate support to critical space missions for both units.</p> <p><u>ADDITIONAL:</u> The terrorist threat has been assessed and this facility meets the standoff distance requirements. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction, leasing) was done. It indicates that only one option, new construction, will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exemption has been prepared. This project meets the criteria/scope specified in ANG AFI 32-1002, and ANG Programming Handbook "ANG Facility Space Authorization", as well as, AFH 32-1084, "Facility Requirements".</p> <table data-bbox="235 1281 1193 1470"> <tr> <td>BASE ENGINEER ADMINISTRATION AREA</td> <td>929 SM – 10,000 SF</td> </tr> <tr> <td>BASE ENGINEER SHOP AREA</td> <td>1,036 SM – 11,151 SF</td> </tr> <tr> <td>COLD STORAGE AREA</td> <td>465 SM – 5,005 SF</td> </tr> <tr> <td>DISASTER PREPAREDNESS</td> <td>297 SM – 3,197 SF</td> </tr> <tr> <td>PAVEMENTS GROUNDS MAINTENANCE/STORAGE</td> <td>743 SM – 7,998 SF</td> </tr> <tr> <td>AT/FP MINIMUM PHYSICAL SECURITY STANDARDS</td> <td>2,262 SM – 24,348 SF</td> </tr> </table>			BASE ENGINEER ADMINISTRATION AREA	929 SM – 10,000 SF	BASE ENGINEER SHOP AREA	1,036 SM – 11,151 SF	COLD STORAGE AREA	465 SM – 5,005 SF	DISASTER PREPAREDNESS	297 SM – 3,197 SF	PAVEMENTS GROUNDS MAINTENANCE/STORAGE	743 SM – 7,998 SF	AT/FP MINIMUM PHYSICAL SECURITY STANDARDS	2,262 SM – 24,348 SF
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3. INSTALLATION AND LOCATION BUCKLEY AIR FORCE BASE, COLORADO																														
5. PROJECT TITLE CIVIL ENGINEER COMPLEX	7. PROJECT NUMBER CRWU043009																													
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <table data-bbox="321 604 1360 825"> <tr><td>(a) Date Design Started</td><td>JUN 2002</td></tr> <tr><td>(b) Parametric Cost Estimates used to develop costs</td><td>YES</td></tr> <tr><td>(c) Percent Complete as of Jan 2003</td><td>35%</td></tr> <tr><td>(d) Date 35% Designed</td><td>AUG 2002</td></tr> <tr><td>(e) Date Design Complete</td><td>DEC 2003</td></tr> <tr><td>(f) Type of Design Contract</td><td>TRADITIONAL</td></tr> <tr><td>(g) Energy Study/Life-Cycle analysis was/will be performed</td><td>YES</td></tr> </table> <p>(2) Basis:</p> <table data-bbox="321 884 1360 947"> <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 data-bbox="321 1003 1360 1157"> <tr><td>(a) Production of Plans and Specifications</td><td>400</td></tr> <tr><td>(b) All Other Design Costs</td><td>200</td></tr> <tr><td>(c) Total</td><td>600</td></tr> <tr><td>(d) Contract</td><td>600</td></tr> <tr><td>(e) In-House</td><td></td></tr> </table> <p>(4) Contract Award (Month/Year) APR 2004</p> <p>(5) Construction Start MAY 2004</p> <p>(6) Construction Completion MAY 2005</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p> <p>POINT OF CONTACT: MR. STEVEN E. ROSNER (301) 836-8186</p>			(a) Date Design Started	JUN 2002	(b) Parametric Cost Estimates used to develop costs	YES	(c) Percent Complete as of Jan 2003	35%	(d) Date 35% Designed	AUG 2002	(e) Date Design Complete	DEC 2003	(f) Type of Design Contract	TRADITIONAL	(g) Energy Study/Life-Cycle analysis was/will be performed	YES	(a) Standard or Definitive Design -	NO	(b) Where Design Was Most Recently Used -	N/A	(a) Production of Plans and Specifications	400	(b) All Other Design Costs	200	(c) Total	600	(d) Contract	600	(e) In-House	
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1. COMPONENT ANG		FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2003			
3. INSTALLATION AND LOCATION SIOUX GATEWAY AIRPORT, IOWA				4. PROJECT TITLE KC-135 FIRE CRASH/RESCUE STATION/ SECURITY FORCES COMPLEX				
5. PROGRAM ELEMENT 51411F		6. CATEGORY CODE 130-142	7. PROJECT NUMBER VSSB009170		8. PROJECT COST(\$000) \$6,091			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
FIRE STATION AND SECURITY FORCES COMPLEX					SM	2,992		5,392
FIRE STATION AREA					SM	1,997	2,249	(4,491)
ALTER SECURITY FORCES TRAINING AREA					SM	995	872	(868)
AT/FP MINIMUM PHYSICAL SECURITY STANDARDS					SM	2,992	11	(33)
SUPPORTING FACILITIES								938
DEMOLITION/ASBESTOS REMOVAL					SM	406	110	(45)
UTILITIES					LS			(195)
PAVEMENTS AND ACCESS ROADS					LS			(400)
SITE IMPROVEMENTS/SECURITY FENCING					LS			(131)
COMMUNICATIONS SUPPORT					LS			(87)
AT/FP SITE IMPROVEMENTS					LS			(80)
SUBTOTAL								6,330
CONTINGENCY (5%)								317
TOTAL CONTRACT COST								6,647
SUPERVISION, INSPECTION AND OVERHEAD (6%)								399
TOTAL COST								7,046
FY02 INFLATION SAVINGS								-955
TOTAL REQUEST								6,091
10. Description of Proposed Construction: New construction: Reinforced concrete foundation and floor slab, steel-framed masonry walls built-up roof; interior walls and utilities; exterior access pavements, all utilities and support. Alteration: relocate and upgrade interior walls and relocate and extend utilities. Demolish one building (406 SM) and temporary trailers. Air Conditioning: 315 KW.								
11. REQUIREMENT: 2,992 SM ADEQUATE: 0 SM SUBSTANDARD: 995 SM PROJECT: KC-135 Fire Crash/Rescue Station/Security Forces Complex (New Mission). <u>REQUIREMENT:</u> This project supports the conversion of one squadron of F-16 aircraft to KC-135 aircraft. The KC-135 aircraft will be arriving on base in May 2003. A fire station is required to support 35 member full-time fire fighters and crash/rescue vehicles. The base requires properly sized and configured facilities for security police operations, including management of the daily base security and wartime training. Functional areas include administration, training, support space, and a vault to store small arms and ammunition. <u>CURRENT SITUATION:</u> The base is scheduled to receive additional fire fighting personnel and larger vehicles to support the KC-135 aircraft. Based on the current F-16 mission, the unit is authorized 24 fire fighters. With the conversion to the new aircraft an additional 11 fire fighters and additional and larger vehicles are authorized. The fire station is grossly undersized to support the new mission. It is only 56 percent of the minimum required space. The building has insufficient vehicle storage and maintenance bays. The building also has insufficient office and training space. The exercise room is small and congested. The bathrooms are small and do not have provisions for female accommodations even though there are a number of female fire fighters assigned to the station. There are insufficient sleeping accommodations for the crews; the existing bunkroom is an open bay type barrack with a small partition separating each bed. There is insufficient storage room. The security police do not have adequate space for operations, administration, training, and weapons storage. The functions are fragmented in various buildings on base. The security police areas contain less than 47 percent of the								

1. COMPONENT ANG	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2003						
3. INSTALLATION AND LOCATION SIOUX GATEWAY AIRPORT, IOWA								
5. PROJECT TITLE KC-135 FIRE CRASH/RESCUE STATION/SECURITY FORCES COMPLEX	7. PROJECT NUMBER VSSB009170							
<p>minimum needed space. The location of the security police does not provide proper response time to the flight line. An additional 14 security forces personnel are being assigned to the base, and there is no room. In addition, there is no room to park security police emergency vehicles. The facilities are cramped and restrictive. In the interim until this project is completed, temporary trailers have been provided for the additional fire fighters and for the security police personnel. These areas do not represent a quality work place.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Inadequate crash and rescue service. Inadequate training. Vehicles will have to be stored in the open with resultant excessive maintenance. Without the additional bunk space, the fire station cannot be fully manned. Unable to properly respond to a crash or fire incidents. Poor morale and lower efficiency. Higher operating costs. Recruiting and training are adversely impacted. The grossly inadequate facilities degrade mission readiness and could cause personnel injury. Continued fragmented security operations. Degradation of services and security provided to the base. Low unit morale. Loss of training opportunities.</p> <p><u>ADDITIONAL:</u> The terrorist threat has been assessed and this facility meets the standoff distance requirements. However, because the fire station is "inhabited" (sleep areas), a minimum level of protection has been added to the construction standards. The following building will be demolished as a result of this project: 275 (406 SM) and the trailers. This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. 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 cost efficient over the life of the project.</p> <table data-bbox="233 1157 1187 1251"> <tr> <td>FIRE STATION AREA</td> <td>1,997 SM – 21,495 SF</td> </tr> <tr> <td>ALTER SECURITY FORCES TRAINING AREA</td> <td>995 SM – 10,710 SF</td> </tr> <tr> <td>AT/FP MINIMUM PHYSICAL SECURITY STANDARDS</td> <td>2,992 SM – 32,206 SF</td> </tr> </table>			FIRE STATION AREA	1,997 SM – 21,495 SF	ALTER SECURITY FORCES TRAINING AREA	995 SM – 10,710 SF	AT/FP MINIMUM PHYSICAL SECURITY STANDARDS	2,992 SM – 32,206 SF
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1. COMPONENT ANG		FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE February 2003	
3. INSTALLATION AND LOCATION CAMP SHELBY AIR-TO-GROUND RANGE, MISSISSIPPI			4. PROJECT TITLE C-17 ASSAULT RUNWAY		
5. PROGRAM ELEMENT 54121F		6. CATEGORY CODE 116-116	7. PROJECT NUMBER CYPR999111		8. PROJECT COST(\$000) \$7,409
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
C-17 ASSAULT RUNWAY		SM	70,667		6,762
SHORTFIELD RUNWAY/OVERRUNS/TURN AROUNDS		SM	39,899	86	(3,431)
PARKING APRON AND TAXIWAY		SM	19,481	75	(1,461)
PAVED SHOULDERS		SM	11,287	11	(124)
FIRE STATION AREA WITH CONTROL TOWER		SM	474	1,994	(945)
AIRFIELD/RAMP LIGHTING		LS			(796)
ANTI TERRORISM/FORCE PROTECTION		SM	474	11	(5)
SUPPORTING FACILITIES					833
SITE IMPROVEMENTS/UTILITIES/COMM		LS			(251)
ACCESS ROAD/LIGHTING/PAVEMENTS		LS			(152)
PERIMETER FENCE		LS			(430)
SUBTOTAL					7,595
CONTINGENCY (5%)					380
TOTAL CONTRACT COST					7,975
SUPERVISION, INSPECTION AND OVERHEAD (6%)					479
TOTAL COST					8,454
FY02 INFLATION SAVINGS					-1,045
TOTAL REQUEST					7,409
10. Description of Proposed Construction: New construction: Construct a paved short field assault runway for C-17 aircraft. Includes paved runway and overruns, paved turnarounds and parking area, airfield lighting, crash/rescue station, fenced storage area, site development and drainage, security fence, access road, utilities, and all necessary support. Construct a crash/rescue station, reinforced concrete foundation and floor slab, steel-framed masonry walls built-up roof; interior walls and utilities; exterior access pavements, all utilities and support. Air Conditioning: 70 KW.					
11. REQUIREMENT: 84,520 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM <u>PROJECT:</u> C-17 Assault Runway (New Mission). <u>REQUIREMENT:</u> Construct a short field assault runway at Camp Shelby with an associated crash/rescue facility to support the 172nd Airlift Wing, Jackson International Airport (IAP), MS. The concept of operation for the C-17 requires that crews be able to train in an environment and on austere facilities that are expected to be available in a foreign deployed area. The project satisfies the requirement to provide adequate and realistic proficiency training by simulating the type of field conditions that C-17 crews may encounter at forward operating locations. This type of training is mandatory by Air Mobility Command training standards. The unit will receive C-17 aircraft starting in early FY 2004. The short field assault runway includes a paved short field runway 4,100 feet long by 90 feet wide including overruns, 10 foot wide paved shoulders, paved turnarounds area at both ends, parking apron and combat off-load area, parking for two C-17, runway lighting, crash/rescue station with control cab, fenced storage area, access road and utilities. <u>CURRENT SITUATION:</u> There are no airfield facilities available at Jackson IAP to support this vital mission requirement. Due to operational requirements of this civilian airport, the existing runways cannot be used for assault landing training. There is no available land or airspace for construction of an assault-landing zone at Jackson IAP. There are no available runways at any of the civilian airports or military airfields within a reasonable distance of Jackson IAP. Hagler Field, the existing airfield at					

1. COMPONENT ANG	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2003										
3. INSTALLATION AND LOCATION CAMP SHELBY AIR-TO-GROUND RANGE, MISSISSIPPI												
5. PROJECT TITLE C-17 ASSAULT RUNWAY	7. PROJECT NUMBER CYPR999111											
<p>Camp Shelby, is inadequate for use as an assault-landing zone. The runway has severe operational restrictions due to the artillery impact zone located off the end of the runway. The restrictions are unacceptable for the proposed C-17 mission.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If an operationally viable short field assault strip is not provided within a reasonable distance of Jackson IAP, C-17 aircrews will be unable to maintain proficiency in short field takeoffs and landings in an efficient manner. Training opportunities will be lost and higher operating costs. Aircrews flying hours and aircraft flying time will be expended with no benefits in training.</p> <p><u>ADDITIONAL:</u> Antiterrorism/Force Protection requirements have been considered in the development of this project, and do not apply. This project meets the scope/criteria in Air Force Handbook 32-1084, "Facility Requirements". All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exemption has been prepared.</p> <table data-bbox="233 919 1211 1071"> <tr> <td>SHORTFIELD RUNWAY/OVERRUNS/TURN AROUNDS</td> <td>39,899 SM – 429,469 SF</td> </tr> <tr> <td>PARKING APRON AND TAXIWAY</td> <td>19,481 SM – 209,692 SF</td> </tr> <tr> <td>PAVED SHOULDERS</td> <td>11,287 SM – 121,492 SF</td> </tr> <tr> <td>FIRE STATION AREA WITH CONTROL TOWER</td> <td>474 SM – 5,102 SF</td> </tr> <tr> <td>ANTI TERRORISM/FORCE PROTECTION</td> <td>474 SM – 5,102 SF</td> </tr> </table>			SHORTFIELD RUNWAY/OVERRUNS/TURN AROUNDS	39,899 SM – 429,469 SF	PARKING APRON AND TAXIWAY	19,481 SM – 209,692 SF	PAVED SHOULDERS	11,287 SM – 121,492 SF	FIRE STATION AREA WITH CONTROL TOWER	474 SM – 5,102 SF	ANTI TERRORISM/FORCE PROTECTION	474 SM – 5,102 SF
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PARKING APRON AND TAXIWAY	19,481 SM – 209,692 SF											
PAVED SHOULDERS	11,287 SM – 121,492 SF											
FIRE STATION AREA WITH CONTROL TOWER	474 SM – 5,102 SF											
ANTI TERRORISM/FORCE PROTECTION	474 SM – 5,102 SF											

1. COMPONENT ANG	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2003																												
3. INSTALLATION AND LOCATION CAMP SHELBY AIR-TO-GROUND RANGE, MISSISSIPPI																														
5. PROJECT TITLE C-17 ASSAULT RUNWAY	7. PROJECT NUMBER CYPR999111																													
<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>APR 2002</td> </tr> <tr> <td>(b) Parametric Cost Estimates used to develop costs</td> <td>YES</td> </tr> <tr> <td>(c) Percent Complete as of Jan 2003</td> <td>35%</td> </tr> <tr> <td>(d) Date 35% Designed</td> <td>AUG 2002</td> </tr> <tr> <td>(e) Date Design Complete</td> <td>JAN 2004</td> </tr> <tr> <td>(f) Type of Design Contract</td> <td>TRADITIONAL</td> </tr> <tr> <td>(g) 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>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>500</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td>250</td> </tr> <tr> <td>(c) Total</td> <td>750</td> </tr> <tr> <td>(d) Contract</td> <td>750</td> </tr> <tr> <td>(e) In-House</td> <td></td> </tr> </table> <p>(4) Contract Award (Month/Year) APR 2004</p> <p>(5) Construction Start MAY 2004</p> <p>(6) Construction Completion JUN 2005</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p> <p>POINT OF CONTACT: MAJ CRAIG S. BRADFORD (301) 836-8083</p>			(a) Date Design Started	APR 2002	(b) Parametric Cost Estimates used to develop costs	YES	(c) Percent Complete as of Jan 2003	35%	(d) Date 35% Designed	AUG 2002	(e) Date Design Complete	JAN 2004	(f) Type of Design Contract	TRADITIONAL	(g) Energy Study/Life-Cycle analysis was/will be performed	NO	(a) Standard or Definitive Design -	NO	(b) Where Design Was Most Recently Used -	N/A	(a) Production of Plans and Specifications	500	(b) All Other Design Costs	250	(c) Total	750	(d) Contract	750	(e) In-House	
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1. COMPONENT ANG	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2003	
3. INSTALLATION AND LOCATION QUONSET STATE AIRPORT, RHODE ISLAND			4. PROJECT TITLE REPLACE COMPOSITE AIRCRAFT MAINTENANCE COMPLEX		
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 211-157	7. PROJECT NUMBER TWLR949661	8. PROJECT COST(\$000) \$18,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
REPLACE COMPOSITE MAINTENANCE COMPLEX		SM	6,633		11,924
ENGINE/NDI/ECM POD/ WEAPONS SHOP AREA		SM	1,384	1,862	(2,577)
AVIONICS/ASE MAINT SHOP AREA		SM	1,384	1,798	(2,488)
SECURITY FORCES OPERATIONS/TRAINING AREA		SM	1,329	1,798	(2,390)
TELECOM AND AUDIOVISUAL AREA		SM	1,217	1,991	(2,423)
AERIAL PORT TRAINING AREA		SM	1,319	1,496	(1,973)
AT/FP PHYSICAL SECURITY MINIMUM STANDARDS		SM	6,633	11	(73)
SUPPORTING FACILITIES		LS			4,676
UTILITIES		LS			(1,360)
SITE IMPROVEMENTS/SPECIAL FOUNDATIONS		LS			(950)
ROADS, PARKING LOTS AND ACCESS PAVEMENTS		LS			(340)
DEMOLITION/ASBESTOS REMOVAL		SM	6,870	161	(1,106)
COMMUNICATION SUPPORT		LS			(125)
AT/FP SITE IMPROVEMENTS		LS			(135)
AIRCRAFT PARKING APRON		LS			(660)
SUBTOTAL					16,600
CONTINGENCY (5%)					830
TOTAL CONTRACT COST					17,430
SUPERVISION, INSPECTION AND OVERHEAD (6%)					1,046
TOTAL REQUEST					18,476
TOTAL REQUEST (ROUNDED)					18,500
10. Description of Proposed Construction: Existing construction: Reinforced concrete foundation and floor slab on pile foundations. Insulated metal panels with limited masonry wainscot. Steel framing with standing seam metal roof. Conveyor systems, overhead cranes and associated utility systems to support specific functions. Provide parking lots, exterior utilities, fire protection, communications and site improvements. Install and or extend new utility system including water, storm sewer, sanitary sewer, electricity, gas and communications support. Demolish one building at 6,870 SM. Remove the foundation, utility lines, clean the soil and provide aircraft parking apron over it. Air Conditioning: 210 KW.					
11. REQUIREMENT: 6,633 SM ADEQUATE: 0 SM SUBSTANDARD: 6,870 SM <u>PROJECT:</u> Replace Composite Aircraft Maintenance Complex (Current Mission). <u>REQUIREMENT:</u> The base requires an adequately sized, properly configured space and properly sited buildings to support one squadron of C-130 aircraft. Adequate space is required for the engine shop, non-destructive inspection (NDI) shop, avionics shop, electronic countermeasures (ECM) pod shop and storage, munitions management, aerial port training, security police, telecommunications and aircraft ground equipment shop and storage. A portion of the project will construct facilities on land that was recently added to the lease. This area has no utility support and requires the construction of a complete infrastructure system to include, security fencing, electricity, water, storm and sanitary sewers, gas, communication system, fire protection and antiterrorism and force protection. <u>CURRENT SITUATION:</u> The aircraft maintenance shops (engine, NDI and avionics), aerial port, aerospace support equipment and security force functional areas are currently housed in a maintenance hangar and adjacent shops. The Communication function is scattered throughout other base facilities. The aircraft maintenance hangar was constructed in 1941 for Naval use and a different type of aircraft.					

1. COMPONENT ANG	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2003												
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5. PROJECT TITLE REPLACE COMPOSITE AIRCRAFT MAINTENANCE COMPLEX	7. PROJECT NUMBER TWLR949661													
<p>The Navy left the base in the early 70's and the Air National Guard moved in. The hangar, located within the aircraft-parking apron, is over 60 years of age and has exceeded its useful and economic life. The structure and its component parts are deteriorating faster than it can be repaired. The hangar floor is sinking due to the failure of the supporting foundation. The building is located in a soil filled area near the bay. The settlement has severely affected the aircraft doors, windows, personnel doors and plumbing, and roof structure. The internal systems such as electrical, heating, cooling, and fire suppression systems are failing at an ever-increasing rate due to their age. The facility has numerous severe fire, safety and health hazards. The avionics/ECM pod shops are in spaces that are 24 percent of their authorized minimums. The engine/NDI, aerial port training, aerospace support equipment shops and security are located in spaces 20-40 percent short of their authorized minimums as well. The aerial port does not have a parachute-drying tower. The aerospace support equipment (ASE) building is also failing faster than it can be repaired. This project is sited adjacent to related aircraft maintenance activities with easy access to the flight line for maximize organizational efficiency. The base is currently converting to C-130 J model, which is 15 feet longer than a standard C-130. This requires a larger parking apron. Upon demolishing of the hangar structure, the area will be paved and it will become an extension of the parking apron. The security police and communication complex will be constructed on newly acquired land. This 16-acre tract was recently obtained from the airport authority at no cost to the federal government. This project will extend the utility systems in the new area and size them for the planned facilities in accordance with the approved base long and short range master plan. The base has bad soils and subbase materials, consequently all construction will require building foundations on pile and the removal of the bad soil.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The base is unable to reach full operational capability. Readiness is degraded. Training and maintenance time is lost. Energy costs remain high in this northern coastal climate. Lack of space, proper supervisory controls, and outdated facilities/systems will adversely affect the maintenance. Poor quality of life affects the morale, recruiting and retention. Accept the risk of severe health and safety and fire hazards.</p> <p><u>ADDITIONAL:</u> This facility is an "inhabited" building and meets the standoff distance requirements. This project meets the criteria/scope specified in the AF Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. There is minimal threat and the level of protection is low so minimum construction standards have been applied. Upon completion of this project, the existing maintenance hangar will be demolished, building 13 (6,870 SM). 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 cost efficient over the life of the project. This is the last of a phase of a three-phased effort to replicate the hangar and shops. The initial phase was added by Congress in FY 2001. The second phase was included in the FY 2002 Budget Request. Each phase is a stand-alone effort.</p> <table data-bbox="233 1646 1185 1822"> <tr> <td>ENGINE/NDI/ECM POD/WEAPONS SHOP AREA</td> <td>1,384 SM – 14,897 SF</td> </tr> <tr> <td>AVIONICS/ASE MAINT SHOP AREA</td> <td>1,384 SM – 14,897 SF</td> </tr> <tr> <td>SECURITY FORCES OPERATIONS/TRAINING AREA</td> <td>1,329 SM – 14,305 SF</td> </tr> <tr> <td>TELECOM AND AUDIOVISUAL AREA</td> <td>1,217 SM – 13,100 SF</td> </tr> <tr> <td>AERIAL PORT TRAINING AREA</td> <td>1,319 SM – 14,198 SF</td> </tr> <tr> <td>AT/FP PHYSICAL SECURITY MINIMUM STANDARDS</td> <td>6,633 SM – 71,397 SF</td> </tr> </table>			ENGINE/NDI/ECM POD/WEAPONS SHOP AREA	1,384 SM – 14,897 SF	AVIONICS/ASE MAINT SHOP AREA	1,384 SM – 14,897 SF	SECURITY FORCES OPERATIONS/TRAINING AREA	1,329 SM – 14,305 SF	TELECOM AND AUDIOVISUAL AREA	1,217 SM – 13,100 SF	AERIAL PORT TRAINING AREA	1,319 SM – 14,198 SF	AT/FP PHYSICAL SECURITY MINIMUM STANDARDS	6,633 SM – 71,397 SF
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DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2004

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD
PROGRAM 313: PLANNING AND DESIGN \$16,030,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for project planning and design of the construction requirements for the Air National Guard

PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Planning and Design will provide for establishing project construction design of the facilities and for fully evaluating each designed project in terms of technical adequacy and estimated costs.

1. COMPONENT ANG	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2003	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS		4. PROJECT TITLE PLANNING AND DESIGN			
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 999-999	7. PROJECT NUMBER AAAA040001	8. PROJECT COST(\$000) \$16,030		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PLANNING AND DESIGN (P-313)		LS			16,030
SUBTOTAL					16,030
TOTAL CONTRACT COST					16,030
TOTAL REQUEST					16,030
10. Description of Proposed Construction: The funds requested will provide for the architectural and engineering services necessary to fully evaluate each project's technical adequacy and estimated cost, and complete final design of facilities. In addition, the funds are required to prepare working drawings, specifications, and project reports for the design of construction projects to be included in future Air National Guard (ANG) Military Construction (MILCON) Programs.					
11. REQUIREMENT: As Required <u>PROJECT:</u> Planning and Design <u>REQUIREMENT:</u> The ANG needs planning and design funds for projects that are to be included in future MILCON programs including the C-5 beddown at Martinsburg, WV, and Memphis, TN. The FY 2004 design funds are needed to complete the design for those projects that are to be included in the FY 2005 MILCON program and to begin the design for those projects to be included in the FY 2006 program. Funds also provide for design of the FY 2004 unspecified minor construction program. <u>CURRENT SITUATION:</u> The ANG requires the design money in FY 2004 to ensure the design milestones for the FY 2005 and FY 2006 MILCON Programs, as mandated by Department of Defense (DOD) Instruction 1225.8, are met. A portion of these funds will design the C-5 conversion projects in FY 2005/2006. <u>IMPACT IF NOT PROVIDED:</u> The ANG will not be able to effectively administer future year MILCON programs. Insufficient design funds will translate into late design completion, later construction starts, higher construction costs, and the inability to meet DOD and Congressionally mandated execution rates, and degrade the operational mission and training by the delays in construction completion.					

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2004

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD
PROGRAM 341: UNSPECIFIED MINOR CONSTRUCTION \$5,500,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for new construction and alteration projects having cost estimates over \$750,000 but not exceeding \$1,500,000, which are not otherwise authorized by law.

PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Unspecified Minor Construction will finance projects for which the urgency is such that they could not be included in the regular Military Construction Program for the Air National Guard, and such that they exceed the minor construction authorization limit in the Operation and Maintenance Appropriation.

1. COMPONENT ANG	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE February 2003	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS		4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION			
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 999-999	7. PROJECT NUMBER AAAA030002	8. PROJECT COST(\$000) \$5,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UNSPECIFIED MINOR CONSTRUCTION (P-341)		LS			5,500
SUBTOTAL					5,500
TOTAL CONTRACT COST					5,500
TOTAL REQUEST					5,500
10. Description of Proposed Construction: Provides funding for unspecified minor construction projects not otherwise authorized by law and having a funded cost between \$750,000 and \$1,500,000. Projects include construction, alteration, or conversion of permanent or temporary facilities. The Secretary of the Air Force has the authority to approve projects of this nature under the provisions of 10 U. S. Code 18233a and 10 U. S. Code 2805.					
11. REQUIREMENT: As Required <u>PROJECT:</u> Unspecified Minor Construction Program <u>REQUIREMENT:</u> This program provides the means of accomplishing urgent, unforeseen projects costing over \$750,000, but not exceeding \$1,500,000. The project requirements are anticipated to arise during late FY 2003 or FY 2004, and would be needed to satisfy critical, urgent mission beddowns and weapon system conversions, or to meet serious and urgent health, safety, and environmental requirements. The late identification of these requirements prevents their inclusion in the FY 2004 MILCON program and the projects cannot wait for the FY 2005 program. The requested funds are not a percent of the budget, but are based on historical trends. Routine and non-urgent projects are not funded from this account. <u>CURRENT SITUATION:</u> As in the recent past, it is expected that the Air Force will continue to transfer missions and force structure into the ANG. These aircraft conversions and beddowns generate facility requirements that are often late-to-need using normal MILCON programming avenues. The urgency of the required projects is driven by the arrival of new aircraft and equipment, or the need to eliminate immediate health, safety or environmental requirements. <u>IMPACT IF NOT PROVIDED:</u> Unable to adequately support mission conversions and beddowns. More expensive workarounds will have to be used. Formal reprogramming is the only other option available, however, funds may not be available for these reprogrammings.					

**DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2004**

SECTION III

INSTALLATION DATA

1. COMPONENT ANG	FY 2004 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2003														
3. INSTALLATION AND LOCATION BUCKLEY AIR FORCE BASE, COLORADO				4. AREA CONSTR COST INDEX 1.02														
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.																		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS Armory, Aurora - 3 Miles; Navy, Marines, Coast Guard Reserve Center, Aurora - 0.5 mile, Army National Guard Aviation Support Facility, Aurora - 0.5 miles; and US Army Armory, Denver - 6 miles.																		
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2004																		
<table border="1"> <thead> <tr> <th rowspan="2">CATEGORY CODE</th> <th rowspan="2">PROJECT TITLE</th> <th rowspan="2">SCOPE</th> <th rowspan="2">COST \$(000)</th> <th colspan="2">DESIGN STATUS</th> </tr> <tr> <th>START</th> <th>CMPL</th> </tr> </thead> <tbody> <tr> <td>219-944</td> <td>Civil Engineer Complex</td> <td>3,470 SM (37,350 SF)</td> <td>6,900</td> <td>Jun 02</td> <td>Dec 03</td> </tr> </tbody> </table>					CATEGORY CODE	PROJECT TITLE	SCOPE	COST \$(000)	DESIGN STATUS		START	CMPL	219-944	Civil Engineer Complex	3,470 SM (37,350 SF)	6,900	Jun 02	Dec 03
CATEGORY CODE	PROJECT TITLE	SCOPE	COST \$(000)	DESIGN STATUS														
				START	CMPL													
219-944	Civil Engineer Complex	3,470 SM (37,350 SF)	6,900	Jun 02	Dec 03													
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved <u>16 Aug 00</u> (Date)																		
9. LAND ACQUISITION REQUIRED				<u>None</u> (Number of Acres)														
10. PROJECTS PLANNED IN NEXT FOUR YEARS																		
<table border="1"> <thead> <tr> <th>CATEGORY CODE</th> <th>PROJECT TITLE</th> <th>SCOPE</th> <th>COST \$(000)</th> </tr> </thead> <tbody> <tr> <td></td> <td colspan="3">R&M Unfunded Requirement: \$5,186,000</td> </tr> </tbody> </table>					CATEGORY CODE	PROJECT TITLE	SCOPE	COST \$(000)		R&M Unfunded Requirement: \$5,186,000								
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1. COMPONENT ANG	FY 2004 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE February 2003		
3. INSTALLATION AND LOCATION							
BUCKLEY AIR FORCE BASE, COLORADO							
11. PERSONNEL STRENGTH AS OF 08 Aug 02							
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	359	43	316	0	1,108	160	948
ACTUAL	332	34	298	0	1,099	157	942
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>					<u>STRENGTH</u>		
					<u>AUTHORIZED</u>	<u>ACTUAL</u>	
120 Fighter Squadron					37	38	
120 Weather Flight					20	18	
140 Aircraft Generation Squadron					175	165	
140 Civil Engineering Squadron					93	95	
140 Communication Flight					42	42	
140 Logistics Group					20	20	
140 Logistics Support Group					111	108	
140 Logistics Support Flight					34	38	
140 Medical Squadron					77	77	
140 Maintenance Squadron					201	195	
140 Mission Support Flight					30	27	
140 Operations Group					3	3	
140 Operations Support Flight					22	22	
140 Security Forces Squadron					58	58	
140 Support Group					5	5	
140 Services Flight					42	42	
140 Wing Group					60	64	
240 Civil Engineering Flight					39	39	
HQ COANG					39	43	
			TOTALS		1,108	1,099	
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>					<u>AUTHORIZED</u>	<u>ASSIGNED</u>	
F-16 Aircraft					15	17	
Support Equipment					442	380	
Vehicle Equivalents					428	430	
Vehicles						158	
14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2004							
<u>CATEGORY</u>				<u>CST</u>	<u>DESIGN STATUS</u>		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>		<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>	
NONE							

1. COMPONENT ANG	FY 2004 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2003	
3. INSTALLATION AND LOCATION SIOUX GATEWAY AIRPORT, IOWA				4. AREA CONSTR COST INDEX 1.06	
5. FREQUENCY AND TYPE OF UTILIZATION Twenty four monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS One Army National Guard facility, one Naval Reserve facility and one Army Reserve facility.					
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2004					
CATEGORY					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> \$(000)	<u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u>	
130-142	KC-135 Fire Crash/Rescue Station/Security Forces Complex	2,992 SM (32,210 SF)	7,046	Mar 02	Dec 04
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved <u>19 Dec 01</u> (Date)					
9. LAND ACQUISITION REQUIRED				<u>None</u> (Number of Acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
CATEGORY					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> \$(000)		
214-425	Upgrade Airfield Pavements	LS	2,000		
R&M Unfunded Requirement: \$2,556,000					

1. COMPONENT ANG	FY 2004 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE February 2003	
3. INSTALLATION AND LOCATION						
SIOUX GATEWAY AIRPORT, IOWA						
11. PERSONNEL STRENGTH AS OF 14 Jun 02						
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	328	29	299	0	994	91 903
ACTUAL	287	29	258	0	914	95 819
12. RESERVE UNIT DATA						
	<u>UNIT DESIGNATION</u>			<u>STRENGTH</u>		
		<u>AUTHORIZED</u>		<u>ACTUAL</u>		
	174 Fighter Squadron	41		43		
	185 Aircraft Generation Squadron	175		131		
	185 Civil Engineering Squadron	93		93		
	185 Communication Flight	45		49		
	185 Fighter Wing	56		62		
	185 Logistics Group	20		16		
	185 Logistics Squadron	111		113		
	185 Logistics Support Group	34		23		
	185 Medical Squadron	60		58		
	185 Maintenance Squadron	197		135		
	185 Mission Support Flight	30		34		
	185 Operations Group	3		2		
	185 Operations Support Flight	22		25		
	185 Security Forces Squadron	73		91		
	185 Support Group	5		4		
	185 Services Flight	29		35		
	TOTALS	994		914		
13. MAJOR EQUIPMENT AND AIRCRAFT						
	<u>TYPE</u>	<u>AUTHORIZED</u>		<u>ASSIGNED</u>		
	F-16 Aircraft	15		18		
	KC-135 Aircraft	8				
	Number of Vehicles	97		116		
	Support Equipment	324		324		
	Vehicle Equivalents	91		95		
14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2004						
CATEGORY				CST	<u>DESIGN STATUS</u>	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>		<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>
NONE						

1. COMPONENT ANG	FY 2004 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE February 2003
3. INSTALLATION AND LOCATION CAMP SHELBY AIR-TO-GROUND RANGE, MISSISSIPPI			4. AREA CONSTR COST INDEX .87
5. FREQUENCY AND TYPE OF UTILIZATION Training Range - no personnel or equipment assigned.			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS Army National Guard Training Range and Air National Guard Air to Ground Range.			
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2004			
CATEGORY			
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> \$(000)
			<u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u>
116-116	C-17 Assault Runway	70,667 SM (84,520 SY)	8,454 Apr 02 Jan 04
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved <u>10 Dec 01</u> (Date)			
9. LAND ACQUISITION REQUIRED			<u>None</u> (Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS			
CATEGORY			
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> \$(000)
	R&M Unfunded Requirement: \$0		

1. COMPONENT ANG	FY 2004 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2003			
3. INSTALLATION AND LOCATION CAMP SHELBY AIR-TO-GROUND RANGE, MISSISSIPPI							
11. PERSONNEL STRENGTH AS OF							
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	0	0	0	0	0	0	0
ACTUAL	0	0	0	0	0	0	0
12. RESERVE UNIT DATA (No personnel assigned)							
<u>UNIT DESIGNATION</u>				<u>STRENGTH</u>			
				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
				0	0		
			TOTALS	0	0		
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>		<u>AUTHORIZED</u>	<u>ASSIGNED</u>			
14. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2004							
CATEGORY				CST	<u>DESIGN STATUS</u>		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>		<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>	
NONE							

1. COMPONENT ANG	FY 2004 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE February 2003															
3. INSTALLATION AND LOCATION QUONSET STATE AIRPORT, RHODE ISLAND				4. AREA CONSTR COST INDEX 1.09															
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.																			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS Eight Army National Guard Units, two Marine Corps Reserve, two Naval Stations, and two Air National Guard Units																			
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2004																			
<table border="1"> <thead> <tr> <th rowspan="2">CATEGORY <u>CODE</u></th> <th rowspan="2"><u>PROJECT TITLE</u></th> <th rowspan="2"><u>SCOPE</u></th> <th rowspan="2">COST <u>\$(000)</u></th> <th colspan="2"><u>DESIGN STATUS</u></th> </tr> <tr> <th><u>START</u></th> <th><u>CMPL</u></th> </tr> </thead> <tbody> <tr> <td>211-157</td> <td>Replace Composite Aircraft Maintenance Complex</td> <td>6,633 SM (71,400 SF)</td> <td>18,500</td> <td>Jun 01</td> <td>Jan 04</td> </tr> </tbody> </table>						CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	COST <u>\$(000)</u>	<u>DESIGN STATUS</u>		<u>START</u>	<u>CMPL</u>	211-157	Replace Composite Aircraft Maintenance Complex	6,633 SM (71,400 SF)	18,500	Jun 01	Jan 04
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	COST <u>\$(000)</u>	<u>DESIGN STATUS</u>															
				<u>START</u>	<u>CMPL</u>														
211-157	Replace Composite Aircraft Maintenance Complex	6,633 SM (71,400 SF)	18,500	Jun 01	Jan 04														
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved <u>22 Aug 01</u> (Date)																			
9. LAND ACQUISITION REQUIRED				<u>None</u> (Number of Acres)															
10. PROJECTS PLANNED IN NEXT FOUR YEARS																			
<table border="1"> <thead> <tr> <th><u>CATEGORY</u> <u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th><u>COST</u> <u>\$(000)</u></th> </tr> </thead> <tbody> <tr> <td></td> <td>R&M Unfunded Requirement:</td> <td></td> <td>\$2,060,000</td> </tr> </tbody> </table>						<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>\$(000)</u>		R&M Unfunded Requirement:		\$2,060,000						
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>\$(000)</u>																
	R&M Unfunded Requirement:		\$2,060,000																

1. COMPONENT ANG	FY 2004 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE February 2003	
3. INSTALLATION AND LOCATION						
QUONSET STATE AIRPORT, RHODE ISLAND						
11. PERSONNEL STRENGTH AS OF 14 Jun 02						
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	256	30	226	0	984	139 845
ACTUAL	243	26	217	0	930	133 797
12. RESERVE UNIT DATA						
<u>UNIT DESIGNATION</u>			<u>STRENGTH</u>			
			<u>AUTHORIZED</u>	<u>ACTUAL</u>		
143 Logistics Squadron			108	108		
143 Maintenance Squadron			137	109		
143 Security Forces			73	85		
143 Mission Support Flight			28	29		
143 Operations Support Flight			20	18		
143 Services Flight			29	30		
143 Aircraft Generation Squadron			63	51		
143 Aerial Port Squadron			99	86		
143 Airlift Squadron			114	97		
143 Communication Flight			44	48		
143 Airlift Wing			57	48		
143 Civil Engineering Squadron			93	104		
143 Logistics Support Flight			13	13		
143 Logistics Group			10	9		
143 Medical Squadron			60	60		
143 Support Group			5	6		
143 Operations Group			6	6		
RI HQ ANG			25	23		
			<u>984</u>	<u>930</u>		
		TOTALS				
13. MAJOR EQUIPMENT AND AIRCRAFT						
<u>TYPE</u>		<u>AUTHORIZED</u>	<u>ASSIGNED</u>			
C-130E Aircraft		5	9			
C-130J-30		3	0			
Support Equipment		89	89			
Vehicle Equivalents		288	288			
14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2004						
CATEGORY			CST	<u>DESIGN STATUS</u>		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>	
NONE						

**DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2004**

SECTION IV

FUTURE YEARS DEFENSE PLAN (FYDP)

FISCAL YEAR LISTING

AIR NATIONAL GUARD
FUTURE YEARS DEFENSE PROGRAM (FYDP)

DATE: February 2003

Comp	FY	Appn	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount \$000	Change from FY03 PB \$000	Explanation of Changes	Footprint
ANG	2005	3830	Martinsburg	WV	C-5 Relocate Control Tower	149-962	54119F	5,800	5,800	New	New
ANG	2005	3830	Martinsburg	WV	C-5 Parking Apron/Hydrant	113-321	54119F	33,000	33,000	New	New
ANG	2005	3830	Martinsburg	WV	C-5 Fuel Cell Hangar	211-179	54119F	23,000	23,000	New	New
ANG	2005	3830	Martinsburg	WV	C-5 Squadron Operations	141-753	54119F	6,600	6,600	New	New
ANG	2005	3830	Various	--	C-5 Planning and Design	--	55296F	12,000	12,000	New	New
ANG	2005	3830	Various	--	Planning and Design	--	55296F	5,568	1,448		
ANG	2005	3830	Various	--	Unspecified Minor Construction	--	55296F	5,500			
FY 2005 Total								91,468			

ANG	2006	3830	Eielson AFB	AK	Replace Security Forces Operations Facility	131-111	55296F	5,400	1	New	New
ANG	2006	3830	Otis ANGB	MA	Replace Fire Station	130-142	55296F	11,000	11,000	New	New
ANG	2006	3830	WK Kellogg	MI	Add /Alter Security Forces	131-111	55296F	1,500	1,500	New	New
ANG	2006	3830	Duluth	MN	Replace Aircraft Maintenance Complex	211-157	55296F	12,200	(3,565)	Moved from FY 05. Partially funded in FY 03	New
ANG	2006	3830	McGuire AFB	NJ	Replace Base Civil Engineer Complex	219-944	55296F	7,000		Moved from FY 04	Existing
ANG	2006	3830	Stewart	NY	Replace Fire Station	130-142	55296F	8,500	1,500	New	New
ANG	2006	3830	Fort Indiantown	PA	Replace Composite Support Complex	171-445	55296F	14,200		Moved from FY 04	Existing
ANG	2006	3830	Memphis	TN	C-5 Conversion	211-157	54119F	31,293	31,293	New	New
ANG	2006	3830	Martinsburg	WV	C-5 Flight Simulator	171-212	54119F	4,150	4,150	New	New
ANG	2006	3830	Martinsburg	WV	C-5 Maintenance Hangar/Shops	211-111	54119F	36,000	36,000	New	New
ANG	2006	3830	Cheyenne	WY	Aerial Port/Air Traffic Control Complex	171-447	55296F	7,400	(3,200)	Scope Change	Existing
ANG	2006	3830	Various	--	Planning and Design	--	55296F	14,173	9,963		
ANG	2006	3830	Various	--	Unspecified Minor Construction	--	55296F	5,500			
FY 2006 Total								158,316			

ANG	2007	3830	Hot Springs	AR	223 CCS Site Preparation and Utilities	900-000	55296F	4,000	4,000	New	New
ANG	2007	3830	Fort Smith	AR	Upgrade Airfield Lighting/Pavements	136-667	55296F	6,500	6,500	New	New
ANG	2007	3830	Forbes Field	KS	Replace Operations and Training Facility	141-753	55296F	13,400		Moved from FY 06	New
ANG	2007	3830	New Orleans	LA	Replace Vehicle Maintenance and ASF Complex	218-712	55296F	6,300	800	Minor cost add	New
ANG	2007	3830	Alpena	MI	Replace Dining Facility	722-351	55296F	8,500	1,400	Scope Change	Existing
ANG	2007	3830	Pease	NH	Fire Station	130-142	55296F	6,100	1,650	Moved from FY 06. Scope Change	New
ANG	2007	3830	Reno-Tahoe	NV	Replace Communications and Security Forces	730-835	55296F	9,000	600	Moved from FY 06. Scope Change	New
ANG	2007	3830	Memphis	TN	C-5 Conversion	113-321	54119F	34,900	34,900	New	New
ANG	2007	3830	Martinsburg	WV	C-5 Corrosion Control Hangar	211-159	54119F	23,000	23,000	New	New
ANG	2007	3830	Martinsburg	WV	C-5 Upgrade and Extend Runway	111-111	54119F	15,526	15,526	New	New
ANG	2007	3830	Various	--	Planning and Design	--	55296F	17,755	13,455		
ANG	2007	3830	Various	--	Unspecified Minor Construction	--	55296F	5,500			
FY 2007 Total								150,481			

AIR NATIONAL GUARD
FUTURE YEARS DEFENSE PROGRAM (FYDP)

DATE: February 2003

Comp	FY	Appn	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount \$000	Change from FY03 PB \$000	Explanation of Changes	Footprint
ANG	2008	3830	Birmingham	AL	Joint ANG/ARNG Dining Hall	722-351	55296F	4,200	4,200	New	Existing
ANG	2008	3830	Montgomery	AL	Replace Operations and Training	141-445	55296F	11,400	11,400	New	New
ANG	2008	3830	Stevens	AK	Replace Parasuec Training	141-185	55296F	13,800	13,800	New	New
ANG	2008	3830	Tucson	AZ	Composite Support Complex	171-450	55296F	5,900	100	Moved from FY 06	Existing
ANG	2008	3830	Fresno-Yosemite	CA	Medical Training/Security Police	214-425	55296F	4,700	4,700	New	Existing
ANG	2008	3830	March ARB	CA	Upgrade Aircraft Maintenance Hangar and Shops	211-111	55296F	9,500	(9,500)	Moved from FY 06. Scope Change	Existing
ANG	2008	3830	Greely	CO	Upgrade Space Support Squadron Facility	131-111	55296F	4,800	4,800	New	Existing
ANG	2008	3830	Jacksonville	FL	F-15 Corrosion Control Hangar	211-159	55296F	4,000	200	Moved from FY 07	New
ANG	2008	3830	Savannah	GA	Replace CRIC Operations and Training Complex	171-445	55296F	13,800	500	Moved from FY 06	New
ANG	2008	3830	Hickam AFB	HI	Aircraft Rinse Facilities	116-672	55256F	2,500	500	Moved from FY 07	New
ANG	2008	3830	Boise	ID	Add/Alter Base Supply Complex	442-758	54332F	3,500	500	Moved from FY 07	New
ANG	2008	3830	Sioux City	IA	Upgrade Airfield Pavements	214-425	55296F	2,000	2,000	New	New
ANG	2008	3830	Greater Peoria	IL	Upgrade Airfield Pavements	171-447	55296F	9,200	9,200	New	New
ANG	2008	3830	Fort Wayne	IN	Replace ASOS/ASOC Complex	131-111	55296F	9,400	9,400	New	Existing
ANG	2008	3830	Barnes	IN	Upgrade Operations and Security Complex	215-552	55296F	8,000	8,000	Moved from FY 07	Existing
ANG	2008	3830	Otis ANGB	MA	Upgrade Aircraft Maintenance Facility	141-181	55296F	5,500	5,500	New	Existing
ANG	2008	3830	Key Field	MS	Replace Fighter Aircraft Alert Complex	171-447	55393F	8,250	1,450	Moved from FY 04. Scope Change	New
ANG	2008	3830	Montana	MT	Upgrade Communications Complex	179-481	55296F	4,000	4,000	New	New
ANG	2008	3830	Stany Co	NC	Air to Ground Range Utility Support	171-447	55296F	4,700	(3,500)	Moved from FY 07. Scope Change	New
ANG	2008	3830	Hancock	NY	Relocate Communications Complex	442-257	55296F	6,500	6,500	New	New
ANG	2008	3830	Springfield	OH	Munitions Complex	149-962	55296F	8,000	8,000	New	Existing
ANG	2008	3830	Zanesville	OH	Relocate Control Tower	171-447	55296F	5,200	5,200	New	Existing
ANG	2008	3830	Joe Foss Field	SD	Replace Communications Complex	131-111	55296F	7,000	7,000	New	New
ANG	2008	3830	McGhee Tyson	TN	Replace Squadron Operations Facility	130-142	55296F	6,800	800	Moved from FY 06. Scope Change	New
ANG	2008	3830	Memphis	TN	Fire Station and Security Forces Complex	211-111	54119F	11,776	11,776	New	New
ANG	2008	3080	Nashville	TN	C-5 Conversion	211-157	55296F	11,000	11,000	Moved from FY 05	Existing
ANG	2008	3830	Camp Murray	WA	Aircraft Maintenance Complex	219-944	55296F	7,500	7,500	New	New
ANG	2008	3830	Fairchild AFB	WA	RED HORSE/Medical Training	442-758	55296F	9,200	5,700	Moved from FY 06	Existing
ANG	2008	3830	Truax Field	WI	Replace Logistics Support Complex	130-142	55296F	5,700	5,700	New	New
ANG	2008	3830	Martinsburg	WV	Add/Alter Fire Station	932-000	54119F	17,500	17,500	New	New
ANG	2008	3830	Various	--	C-5 Conversion	--	55296F	15,773	15,773		
ANG	2008	3830	Various	--	Planning and Design	--	55296F	5,500	5,500		
ANG	2008	3830	Various	--	Unspecified Minor Construction	--	55296F	5,500	5,500		
FY 2008 Total								246,599			

AIR NATIONAL GUARD
FUTURE YEARS DEFENSE PROGRAM (FYDP)

Comp	FY	Appn	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount \$000	Change from FY03 PB \$000	Explanation of Changes	Footprint
ANG	2009	3830	Hulman	IN	Replace Weapons Release Shop/Load Crew	215-552	55296F	10,400	5,400	Moved from FY 07. Scope Change	Existing
ANG	2009	3830	Otis ANGB	MA	Eliminate Airfield Obstructions	136-661	55296F	4,000	4,000	New	Existing
ANG	2009	3830	Selfridge	MI	Joint ANG/ARFC Medical Training	171-450	55296F	5,000	5,000	New	New
ANG	2009	3830	Selfridge	MI	Visitors and ID Complex	171-445	55296F	4,000	4,000	New	New
ANG	2009	3830	Minneapolis	MN	Urban Venture	171-443	55296F	1,500	1,500	New	New
ANG	2009	3830	Rosecrans	MO	Replace Air Traffic Control Facilities	171-447	55296F	7,550	7,550	New	New
ANG	2009	3830	Gulftort	MS	Relocate Munitions Complex (Phase I)	442-257	55296F	3,000	3,000	New	New
ANG	2009	3830	Great Falls	MT	Force Protection Complex	131-165	55296F	4,000	4,000	New	New
ANG	2009	3830	Reno	NV	Replace Vehicle Maintenance Facility	214-425	66296F	3,750	3,750	New	New
ANG	2009	3830	Hancock	NY	Mobility Processing Center	141-786	55296F	2,300		Moved from FY 07	New
ANG	2009	3830	Schenectady	NY	Replace Base Supply Complex	442-758	55296F	5,500		Moved from FY 07	New
ANG	2009	3830	Toledo Express	OH	Replace Logistics Complex	442-758	55296F	6,900		Moved from FY 06	Existing
ANG	2009	3830	Blue Ash	OH	Replace Communications Training Complex	171-447	55296F	4,500	4,500	New	New
ANG	2009	3830	Mansfield	OH	Replace Fire Station	130-142	55296F	6,200	6,200	New	New
ANG	2009	3830	Camp Perry	OH	Replace Troop Training Quarters	725-517	55296F	4,650	1,000	Moved from FY 07	Existing
ANG	2009	3830	Rickenbacker	OH	Security Police/Weather Flight	131-111	55296F	6,200		New	New
ANG	2009	3830	Will Rogers	OK	Replace Composite Aircraft Maintenance Complex	211-111	55296F	13,000	(12,000)	Moved from FY 07. Scope Change	New
ANG	2009	3830	Portland	OR	Replace Dining Hall	722-351	55296F	7,200	7,200	New	New
ANG	2009	3830	Klamath Falls	OR	Munitions Facility	442-257	55296F	1,750	1,750	New	New
ANG	2009	3830	Willow Grove	PA	Replace Support Complex	171-445	55296F	7,100	7,100	New	New
ANG	2009	3830	McEntire	SC	Replace Operations and Training Complex	171-445	55296F	10,200		Moved from FY 07	Existing
ANG	2009	3830	Hensley	TX	Upgrade Facilities	171-447	55296F	3,000	(2,000)	Moved from FY 07. Scope Change	Existing
ANG	2009	3830	Fort Worth IRB	TX	Composite Support Facilities	171-158	55296F	7,300	7,300	New	New
ANG	2009	3830	Lackland AFB	TX	Upgrade General Purpose Shops	211-152	55296F	4,000	4,000	New	New
ANG	2009	3830	Camp Pendleton	VA	Replace Troop Training Quarters	725-517	55296F	2,500		Moved from FY 07	New
ANG	2009	3830	Richmond	VA	Replace Vehicle Maintenance Facility	214-425	55296F	3,500	3,500	New	New
ANG	2009	3830	Burlington	VT	Deployment Training	141-786	55296F	5,400	5,400	New	New
ANG	2009	3830	General Mitchell	WI	Upgrade Aircraft Maintenance Complex	211-154	55296F	4,900	4,900	New	New
ANG	2009	3830	Volk Field	WI	Replace Squadron Operations Facility	141-753	55296F	4,500	100	Moved from FY 07	New
ANG	2009	3830	Martinsburg	WV	C-5 Conversion	932-000	54119F	3,284	3,284	New	New
ANG	2009	3830	Various	--	Planning and Design	--	55296F	19,020	19,020		
ANG	2009	3830	Various	--	Unspecified Minor Construction	--	55296F	5,500	5,500		
FY 2009 Total								181,604			

AIR NATIONAL GUARD
FUTURE YEARS DEFENSE PROGRAM (FYDP)

DATE: February 2003

OTHER PROJECTS NO LONGER IN THE FYDP:

Installation	Location	Project Title	Budget Amount \$000	Explanation of Changes
Birmingham	AL	Joint Intelligence Center	7,100	Deferred - Requirement not defined
Fort Smith	AR	Operations and Training Facility	6,000	Appropriated in FY 03
Little Rock AFB	AR	Operations and Training Facility	5,100	Appropriated in FY 03
Chancell Island	CA	Upgrade C-130 Aircraft Parking Ramp	12,200	Funded with SRM
March ARB	CA	KC-135R Flight Simulator Facility	1,000	Funded with P-341
Sepulveda	CA	Replace Communications and Electronics Training Facility	7,000	Appropriated in FY 03
Buckley AFB	CO	Replace Control Tower	5,800	Appropriated in FY 03
New Castle	DE	Replace C-130 Parking Apron and Taxiway	9,900	Appropriated in FY 03
Des Moines	IA	Upgrade Joint ANG/FAA Airfield Facilities *	7,400	Appropriated in FY 03
Boise	ID	ASOS Beddown	6,800	Appropriated in FY 03
Capital	IL	Composite Support Facility Complex	10,000	Appropriated in FY 03
Smoky Hill	KS	Mutes Support Facility	1,186	Funded with P-341
Bangor	ME	Repair Joint ANG/FAA Airfield Pavements (Phase II)	5,000	Deferred
Selfridge	MI	Replace Joint Dining Facility (w/AFRC)	8,500	Appropriated in FY 03
WK Kellogg	MI	Replace Vehicle Maintenance Complex	3,800	Appropriated in FY 03
Duluth	MN	Replace Joint ANG/FAA Fire Station	5,250	Deferred
Lambert-St Louis	MO	Upgrade Facilities	5,000	Deferred
Camp Shelby	MS	C-17 Assault Runway	8,546	In FY 04 funding request
Gulfport	MS	Replace Medical Training Facility	1,665	Deferred - Being done with P-341
Gulfport	MS	Upgrade Community Support Facility	1,250	Deferred - Being done with SRM
Great Falls	MT	Munitions Load Crew Training Complex	3,500	Appropriated in FY 03
Charlotte	NC	Replace Vehicle Maintenance Complex	7,200	Deferred
Hector	ND	EOD Readiness Addition	1,500	Deferred
Hancock	NY	Upgrade Force Protection/Infrastructure Systems	8,600	Appropriated in FY 03
Mansfield	OH	Replace Vehicle Maintenance	3,500	Appropriated in FY 03
Rickenbacker	OH	Replace Fire Station	6,000	Appropriated in FY 03
Pittsburgh	PA	Add/Alter Squad Ops and Support Facilities	7,700	Appropriated in FY 03
Quonset	RI	Replace Aircraft Maintenance Complex	12,600	In FY 04 funding request
Joe Foss Field	SD	Replace Security Forces Facility	8,900	Deferred
Fort Bliss	TX	Replace Base Defense Training Center Complex	8,400	Appropriated in FY 03
Richmond	VA	Replace Munitions Complex	7,000	Deferred
Truax Field	WI	Extend Taxiway and Arm/Dearm	2,500	Deferred - funded partially with P-341
Martinsburg	WV	Site Improvements and Utilities	12,000	Appropriated in FY 03

**DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2004**

SECTION IV

FUTURE YEARS DEFENSE PLAN (FYDP)

STATE/INSTALLATION LISTING

AIR NATIONAL GUARD
FUTURE YEARS DEFENSE PROGRAM (FYDP)

DATE: February 2003

Comp	FY	Appn	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount \$000	Change from FY03 PB \$000	Explanation of Changes	Footprint
ANG	2006	3830	Eielson AFB	AK	Replace Security Forces Operations Facility	131-111	55296F	5,400	1 New		New
ANG	2008	3830	Stevens	AK	Replace Pararescue Training	141-185	55296F	13,800	13,800 New		New
ANG	2008	3830	Birmingham	AL	Joint ANG/ARNG Dining Hall	722-351	55296F	4,200	4,200 New		Existing
ANG	2008	3830	Montgomery	AL	Replace Operations and Training	141-445	55296F	11,400	11,400 New		New
ANG	2007	3830	Fort Smith	AR	Upgrade Airfield Lighting/Pavements	136-667	55296F	6,500	6,500 New		New
ANG	2007	3830	Hot Springs	AR	223 CCS Site Preparation and Utilities	900-000	55296F	4,000	4,000 New		New
ANG	2008	3830	Tucson	AZ	Composite Support Complex	171-450	55296F	5,900	100 Moved from FY 06		Existing
ANG	2008	3830	Fresno-Yosemite	CA	Medical Training/Security Police	214-425	55296F	4,700	4,700 New		Existing
ANG	2008	3830	March ARB	CA	Upgrade Aircraft Maintenance Hangar and Shops	211-111	55296F	9,500	(9,500) Moved from FY 06. Scope Change		Existing
ANG	2008	3830	Greeley	CO	Upgrade Space Support Squadron Facility	131-111	55296F	4,800	4,800 New		Existing
ANG	2008	3830	Jacksonville	FL	F-15 Corrosion Control Hangar	211-159	55296F	4,000	200 Moved from FY 07		New
ANG	2008	3830	Savannah	GA	Replace CRTG Operations and Training Complex	171-445	55296F	13,800	Moved from FY 06		New
ANG	2008	3830	Hickam AFB	HI	Aircraft Rins Facilities	116-672	55256F	2,500	500 Moved from FY 07		New
ANG	2008	3830	Sioux City	IA	Upgrade Airfield Pavements	214-425	55296F	2,000	2,000 New		New
ANG	2008	3830	Boise	ID	Add/Alter Base Supply Complex	442-758	54332F	3,500	500 Moved from FY 07		New
ANG	2008	3830	Greater Peoria	IL	Replace ASOS/ASOC Complex	171-447	55296F	9,200	9,200 New		New
ANG	2008	3830	Fort Wayne	IN	Upgrade Operations and Security Complex	131-111	55296F	9,400	9,400 New		Existing
ANG	2009	3830	Hulman	IN	Replace Weapons Release Shop/Load Crew	215-552	55296F	10,400	5,400 Moved from FY 07. Scope Change		Existing
ANG	2007	3830	Forbes Field	KS	Replace Operations and Training Facility	141-753	55296F	13,400	Moved from FY 06		New
ANG	2007	3830	New Orleans	LA	Replace Vehicle Maintenance and ASE Complex	218-712	55296F	6,300	800 Minor cost add		New
ANG	2008	3830	Barnes	MA	Upgrade Aircraft Maintenance Facility	215-552	55296F	8,000	Moved from FY 07		Existing
ANG	2006	3830	Otis ANGB	MA	Replace Fire Station	130-142	55296F	11,000	11,000 New		New
ANG	2008	3830	Otis ANGB	MA	Replace Fighter Aircraft Alert Complex	141-181	55296F	5,500	5,500 New		Existing
ANG	2009	3830	Otis ANGB	MA	Eliminate Airfield Obstructions	136-661	55296F	4,000	4,000 New		Existing
ANG	2007	3830	Alpena	MI	Replace Dining Facility	722-351	55296F	8,500	1,400 Scope Change		Existing
ANG	2009	3830	Selfridge	MI	Joint ANG/ARFC Medical Training	171-450	55296F	5,000	5,000 New		New
ANG	2009	3830	Selfridge	MI	Visitors and ID Complex	171-445	55296F	4,000	4,000 New		New
ANG	2006	3830	WK Kellogg	MI	Add/Alter Security Forces	131-111	55296F	1,500	1,500 New		New
ANG	2006	3830	Duluth	MIN	Replace Aircraft Maintenance Complex	211-157	55296F	12,200	(3,365) Moved from FY 05. Partially funded in FY 03		New
ANG	2009	3830	Minneapolis	MIN	Urban Venture	171-443	55296F	1,500	1,500 New		New
ANG	2009	3830	Roscreans	MO	Replace Air Traffic Control Facilities	171-447	55296F	7,550	7,550 New		New
ANG	2009	3830	Gulfport	MS	Relocate Munitions Complex (Phase I)	442-257	55296F	3,000	3,000 New		New
ANG	2008	3830	Key Field	MS	Upgrade Communications Complex	171-447	55393F	8,250	1,450 Moved from FY 04. Scope Change		New

AIR NATIONAL GUARD
FUTURE YEARS DEFENSE PROGRAM (FYDP)

DATE: February 2003

Comp	FY	Appn	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount \$000	Change from FY03 PB \$000	Explanation of Changes	Footprint
ANG	2009	3830	Great Falls	MT	Force Protection Complex	131-165	55296F	4,000	4,000	New	New
ANG	2008	3830	Montana	MT	Air to Ground Range Utility Support	179-481	55296F	4,000	4,000	New	New
ANG	2008	3830	Stamly Co	NC	Relocate Communications Complex	171-447	55296F	4,700	(3,500)	Moved from FY 07. Scope Change	New
ANG	2007	3830	Pease	NH	Fire Station	130-142	55296F	6,100	1,650	Moved from FY 06. Scope Change	New
ANG	2006	3830	McGuire AFB	NJ	Replace Base Civil Engineer Complex	219-944	55296F	7,000		Moved from FY 04	Existing
ANG	2009	3830	Reno	NV	Replace Vehicle Maintenance Facility	214-425	66296F	3,750	3,750	New	New
ANG	2007	3830	Reno-Tahoe	NV	Replace Communications and Security Forces	730-835	55296F	9,000	600	Moved from FY 06. Scope Change	New
ANG	2008	3830	Hancock	NY	Munitions Complex	442-257	55296F	6,500	6,500	New	New
ANG	2009	3830	Hancock	NY	Mobility Processing Center	141-786	55296F	2,300		Moved from FY 07	New
ANG	2009	3830	Schenectady	NY	Replace Base Supply Complex	442-758	55296F	5,500		Moved from FY 07	New
ANG	2006	3830	Stewart	NY	Replace Fire Station	130-142	55296F	8,500	1,500	New	New
ANG	2009	3830	Blue Ash	OH	Replace Communications Training Complex	171-447	55296F	4,500	4,500	New	New
ANG	2009	3830	Camp Perry	OH	Replace Troop Training Quarters	725-517	55296F	4,650	1,000	Moved from FY 07	Existing
ANG	2009	3830	Mansfield	OH	Replace Fire Station	130-142	55296F	6,200	6,200	New	New
ANG	2009	3830	Rickenbacker	OH	Security Police/Weather Flight	131-111	55296F	6,200		New	New
ANG	2008	3830	Springfield	OH	Relocate Control Tower	149-962	55296F	8,000	8,000	New	New
ANG	2009	3830	Toledo Express	OH	Replace Logistics Complex	442-758	55296F	6,900		Moved from FY 06	Existing
ANG	2008	3830	Zanesville	OH	Replace Communications Complex	171-447	55296F	5,200	5,200	New	Existing
ANG	2009	3830	Will Rogers	OK	Replace Composite Aircraft Maintenance Complex	211-111	55296F	13,000	(12,000)	Moved from FY 07. Scope Change	New
ANG	2009	3830	Klamath Falls	OR	Munitions Facility	442-257	55296F	1,750	1,750	New	New
ANG	2009	3830	Portland	OR	Replace Dining Hall	722-351	55296F	7,200	7,200	New	New
ANG	2006	3830	Fort Indiantown	PA	Replace Composite Support Complex	171-445	55296F	14,200		Moved from FY 04	Existing
ANG	2009	3830	Willow Grove	PA	Replace Support Complex	171-445	55296F	7,100	7,100	New	New
ANG	2009	3830	McEntire	SC	Replace Operations and Training Complex	171-445	55296F	10,200		Moved from FY 07	Existing
ANG	2008	3830	Joe Foss Field	SD	Replace Squadron Operations Facility	131-111	55296F	7,000	7,000	New	New
ANG	2008	3830	McGhee Tyson	TN	Fire Station and Security Forces Complex	130-142	55296F	6,800	800	Moved from FY 06. Scope Change	New
ANG	2006	3830	Memphis	TN	C-5 Conversion	211-157	54119F	31,293	31,293	New	New
ANG	2007	3830	Memphis	TN	C-5 Conversion	113-321	54119F	34,900	34,900	New	New
ANG	2008	3830	Memphis	TN	C-5 Conversion	211-111	54119F	11,776	11,776	New	New
ANG	2008	3080	Nashville	TN	Aircraft Maintenance Complex	211-157	55296F	11,000		Moved from FY 05	Existing
ANG	2009	3830	Fort Worth JRB	TX	Composite Support Facilities	171-158	55296F	7,300	7,300	New	New
ANG	2009	3830	Hensley	TX	Upgrade Facilities	171-447	55296F	3,000	(2,000)	Moved from FY 07. Scope Change	Existing
ANG	2009	3830	Lackland AFB	TX	Upgrade General Purpose Shops	211-152	55296F	4,000	4,000	New	New
ANG	2009	3830	Camp Pendleton	VA	Replace Troop Training Quarters	725-517	55296F	2,500		Moved from FY 07	New
ANG	2009	3830	Richmond	VA	Replace Vehicle Maintenance Facility	214-425	55296F	3,500	3,500	New	New

AIR NATIONAL GUARD
FUTURE YEARS DEFENSE PROGRAM (FYDP)

DATE: February 2003

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ANG	2009	3830	Burlington	VT	Deployment Training	141-786	55296F	5,400	5,400	New	New
ANG	2008	3830	Camp Murray	WA	RED HORSE/Medical Training	219-944	55296F	7,500	7,500	New	New
ANG	2008	3830	Fairchild AFB	WA	Replace Logistics Support Complex	442-758	55296F	9,200		Moved from FY 06	Existing
ANG	2009	3830	General Mitchell	WI	Upgrade Aircraft Maintenance Complex	211-154	55296F	4,900	4,900	New	New
ANG	2008	3830	Truax Field	WI	Add/Alter Fire Station	130-142	55296F	5,700	5,700	New	New
ANG	2009	3830	Volk Field	WI	Replace Squadron Operations Facility	141-753	55296F	4,500	100	Moved from FY 07	New
ANG	2005	3830	Martinsburg	WV	C-5 Relocate Control Tower	149-962	54119F	5,800	5,800	New	New
ANG	2005	3830	Martinsburg	WV	C-5 Parking Apron/Hydrant	113-321	54119F	33,000	33,000	New	New
ANG	2005	3830	Martinsburg	WV	C-5 Fuel Cell Hangar	211-179	54119F	23,000	23,000	New	New
ANG	2005	3830	Martinsburg	WV	C-5 Squadron Operations	141-753	54119F	6,600	6,600	New	New
ANG	2006	3830	Martinsburg	WV	C-5 Flight Simulator	171-212	54119F	4,150	4,150	New	New
ANG	2006	3830	Martinsburg	WV	C-5 Maintenance Hangar/Shops	211-111	54119F	36,000	36,000	New	New
ANG	2007	3830	Martinsburg	WV	C-5 Corrosion Control Hangar	211-159	54119F	23,000	23,000	New	New
ANG	2007	3830	Martinsburg	WV	C-5 Upgrade and Extend Runway	111-111	54119F	15,526	15,526	New	New
ANG	2008	3830	Martinsburg	WV	C-5 Conversion	932-000	54119F	17,500	17,500	New	New
ANG	2009	3830	Martinsburg	WV	C-5 Conversion	932-000	54119F	3,284	3,284	New	New
ANG	2006	3830	Cheyenne	WY	Aerial Port/Air Traffic Control Complex	171-447	55296F	7,400	(3,200)	Scope Change	Existing