FY 2001 BUDGET ESTIMATES

AIR NATIONAL GUARD



FY 2001 MILITARY CONSTRUCTION PROGRAM

APPROPRIATION 3830

JUSTIFICATION DATA SUBMITTED TO CONGRESS FEBRUARY 2000

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2001

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SUMMARY PROJECT LIST AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM - FY 2001

STATE	INSTALLATION AND PROJECT	AUTH/APPN AMOUNT (\$000)	PAGE NO.
Arkansas	Fort Smith Regional Airport Regional Fire Training Facility	1,760	b-1
Georgia	Robins Air Force Base B-1 Munitions Maintenance and Training Complex	8,500	b-6
Illinois	Scott Air Force Base KC-135E Flight Training Facility	1,500	b-11
Michigan	Alpena County Regional Airport Replace Operations and Training Complex	4,500	b-15
Mississippi	Jackson International Airport C-17 Corrosion Control/Maintenance Hangar	10,500	b-20
Utah	Salt Lake City International Airport Upgrade Aircraft Maintenance Complex	10,300	b-25
	SUB-TOTAL ALL BASES	37,060	
	PLANNING AND DESIGN	9,119	b-30
	UNSPECIFIED MINOR CONSTRUCTION	4,000	b-32
	SUB-TOTAL SUPPORT COSTS GRAND TOTAL	50,179	
	GRAND IOTAL	30,179	

NEW MISSION/CURRENT MISSION EXHIBIT AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM -- FY 2001

LOCATION	PROJECT	COST (\$000)	CURRENT/ NEW/ENV
Fort Smith Regional APT, AR	Regional Fire Training Facility	1,760	ENV
Robins AFB, GA	B-1 Munitions Maintenance and Training Complex	8,500	N
Scott AFB, IL	KC-135E Flight Training Facility	1,500	N
Alpena Regional APT, MI	Replace Operations and Training Complex	4,500	C
Jackson IAP, MS	C-17 Corrosion Control/Maintenance Hangar	10,500	N
Salt Lake City IAP, UT	Upgrade Aircraft Maintenance Complex	10,300	C
	PLANNING AND DESIGN	9,119	
	UNSPECIFIED MINOR CONSTRUCTION	4,000	
	TOTAL ENVIRONMENTAL	1,760	
	TOTAL NEW MISSION	20,500	
	TOTAL CURRENT MISSION	14,800	
	GRAND TOTAL - FY 2001 REQUEST	50,179	

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2001

SECTION I

APPROPRIATIONS LANGUAGE

For construction, acquisition, expansion, renovation, and conversion of facilities for the operational and training missions of the Air National Guard, and contribution therefore, as authorized by Chapter 1803 of Title 10, United States Code, and Military Construction Authorizations Acts, \$50,179,000 to remain available until September 30, 2005.

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. Actual economic analyses have been prepared for projects over \$2,000,000.

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 2001

SECTION II

INSTALLATIONS AND PROJECT JUSTIFICATION DATA

1 (0) (0) (1)	TN7 4004 OTT	ADD AND DECEDIN	7	A D. 100	,
1. COMPONENT ANG		ARD AND RESERVI Y CONSTRUCTION	5	2. DATE 14 Feb 0	
	ON AND LOCATION	CONSTRUCTION			CONSTR
J. INSTALLATIO	AND LOCATION				INDEX
FORT SMITH MI	JNICIPAL AIRPORT, ARKANS	AS			85
	AND TYPE OF UTILIZATION	- 1-2		I	
	assemblies per month, 15 days and	nual field training per	year, daily us	se by technician/A	AGR force
	sed year round by other units for		•	•	
		C			
6. OTHER ACTIV	VE/GUARD/RESERVE INSTAL	LATIONS WITHIN 1	5 MILES RA	ADIUS	
Two Army Nationa	al Guard Armories and one Air N	ational Guard Base.			
7 DDOIDOTE DE	COLLECTED IN THIS DROCE AND	I. EV 2001			
CATEGORY	QUESTED IN THIS PROGRAM	I. FI 2001	COST	DESIGN STA	ZUTA
CODE	PROJECT TITLE	SCOPE	\$(000)	START CM	
<u> </u>	TROUBET TITEE	<u>50012</u>	φ(σσσ)	<u> </u>	<u></u>
179-511 Regi	onal Fire Training Facility	LS	1,760	Aug 99 Ma	ar 00
C	2			C	
O CTATE DECE	RVE FORCES FACILITIES BOA	DD DECOMMENDA	TION		
	Construction Approved	ARD RECOMMENDA	TION	21 Oct 98	
Cimaterar	sonstruction ripproved			(Date)	
9. LAND ACOUL	SITION REQUIRED			None	
y. Em. Direct				(Number of Ac	
10. PROJECTS PI	LANNED IN NEXT FOUR YEA	RS			res)
CATEGORY					res)
<u>CODE</u>					
CODE	PROJECT TITLE	- 10		SCOPE	COST
<u>00DE</u>	PROJECT TITLE			<u>SCOPE</u>	COST \$(000)
					COST \$(000)
	PROJECT TITLE rations and Training Facilities			<u>SCOPE</u> 10,709 SM	COST
					COST \$(000)
171-445 Oper	rations and Training Facilities				COST \$(000
171-445 Oper					COST \$(000
171-445 Oper	rations and Training Facilities				COST \$(000
171-445 Oper	rations and Training Facilities				COST \$(000
171-445 Oper	rations and Training Facilities				COST \$(000)
171-445 Oper	rations and Training Facilities				COST \$(000
171-445 Oper	rations and Training Facilities				COST \$(000
171-445 Oper	rations and Training Facilities				COST \$(000
171-445 Oper	rations and Training Facilities				COST \$(000)
171-445 Oper	rations and Training Facilities				COST \$(000)
171-445 Oper	rations and Training Facilities				COST \$(000
171-445 Oper	rations and Training Facilities				COST \$(000
171-445 Oper	rations and Training Facilities				COST \$(000

1. COMPONENT	FY 2001 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	14 Feb 00

3. INSTALLATION AND LOCATION

FORT SMITH MUNICIPAL AIRPORT, ARKANSAS

11. PERSONNEL STRENGTH AS OF 31 Jul 99

	PERMANENT			GI	JARD/RESI	ERVE	
	TOTAL	OFFICER	ENLISTED	<u>CIVILIAN</u>	TOTAL	OFFICER	ENLISTED
AUTHORIZED	290	8	282	0	977	95	882
ACTUAL	285	8	277	0	941	93	848

12. RESERVE UNIT DATA

	STRE	NGTH
<u>UNIT DESIGNATION</u>	AUTHORIZED	ACTUAL
184 Fighter Squadron	37	37
188 Aircraft Generation Squadron	175	164
188 Civil Engineering Squadron	97	93
188 Communication Flight	45	46
188 Fighter Wing	58	55
188 Logistics Group	20	19
188 Logistics Squadron	112	106
188 Logistics Support Flight	32	32
188 Medical Squadron	57	57
188 Maintenance Squadron	201	186
188 Mission Support Flight	30	30
188 Operations Group	3	3
188 Operations Support Flight	22	21
188 Range Control Squadron	8	10
188 Security Forces	45	47
188 Support Group	5	4
188 Services Flight	<u>30</u>	31
TOTALS	977	941

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>		<u>AUTHORIZED</u>	ASSIGNED
	F-16 A/B Aircraft	15	17
	Support Equipment	189	200
	Vehicle Equivalents	306	296

 COMPONENT 						2.	DATE	
	FY 2001 MILITARY CONSTRUCTION PROJECT DATA							
ANG		(comp	uter generate	ed)			14	Feb 00
3. INSTALLATION	AND	LOCATION		4. I	PROJECT	TITLE		
FORT SMITH MUNI	CIPA	L AIRPORT, ARKANSAS	S	REGIO	ONAL FIRI	E TRAINI	NG	FACILITY
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	T NUN	IBER	8. PROJI	ECT	COST(\$000)
55256F		179-511	HKI	RZ9795	68		\$1,	,760
		9. COST	ESTIMATE	ES				
						UNI	Т	COST
		ITEM		U/M	QUANTIT'	Y COS	T	(\$000)
REGIONAL FIRE T	RAIN	ING FACILITY		LS				1,200
SUPPORTING FAC	ILITII	ES						460
UTILITIES/COM	MUNI	CATIONS SUPPORT		LS				(120)
PAVEMENTS/AC	CCESS	SROAD		LS				(200)
SITE IMPROVEN	MENT:	S		LS				(65)
PERIMETER SEC	CURIT	Y FENCING		LS				(75)
SUBTOTAL								1,660
TOTAL CONTRACT COST								1,660
SUPERVISION, INSPECTION AND OVERHEAD (6%)								100
TOTAL REQUEST	· · · · · · · · · · · · · · · · · · ·							1,760
TOTAL REQUEST	(ROU	NDED)						1,760

10. Description of Proposed Construction: Live fire training facility with large frame aircraft mockup, polyetheline liner system. Standard liquid propane gas (LPG) storage tank, gas burn and draft pit, control house block building, training classroom, and all necessary utilities including closed loop water conservation system with above ground storage tank. Paved access road and vehicle operating surfaces, security fencing and lighting and all necessary support.

11. REQUIREMENT: As Required.

PROJECT: Regional Fire Training Facility (Current Mission).

REQUIREMENT: This is a Level I Environmental Compliance Requirement. The Fort Smith Regional Home Station Training Site (RHSTS) is an ANG operated Air Force approved training site for civil engineering wartime tasks. The ANG-operated site also serves as a regional training site for Active, Guard, and Reserve components during their operational readiness inspections (ORIs). The base requires a properly designed, correctly configured, and environmentally safe fire training facility to support firefighting units who deploy to the RHSTS for operational readiness inspection and other annual training. This facility will dramatically reduce air emissions, water pollution, and hazardous waste generation by centralizing fire training at a regional site. It will also reduce the numbers of individual unit fire training facilities not meeting national Primary and Secondary Ambient Air Quality Standards (40 CFR 50.4, 50.6, 50.11), National Emissions Standards for Hazardous Air Pollutants (40 CFR 61), and National Pollution Discharge Elimination System Permits (40 CFR 122). This facility must be sited in accordance with Air Force Technical Letter (AF ETL) 91-4 and explosive safety standards.

<u>CURRENT SITUATION</u>: The base does not have an environmentally safe fire training pit to accomplish fire fighter training for the local unit or deployed teams undergoing ORIs. The oil burning fire training facility was closed due to environmental compliance problems. The current work around is sending personnel TDY to other units with a certified fire training pit or using makeshift or simulated environments that do not adequately train the fire fighters for their mission. Sending part of a unit TDY in the middle of their ORI costs additional money, disrupts the flow of the exercise for everyone concerned and reduces the effectiveness of the inspection.

<u>IMPACT IF NOT PROVIDED</u>: ANG firefighters cannot be fully trained on their peacetime and wartime duties. ORIs conducted at this site will continue to be disrupted. The potential for loss of aircraft, crews, and/or passengers is increased. Inadequately trained firefighters will be at risk for

		T						
1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DA	2. DATE						
ANG	(computer generated)	14 Feb 00						
3. INSTALLATION		•						
FORT SMITH MUNICIPAL AIRPORT, ARKANSAS								
5. PROJECT TITLE 7. PROJECT NUMBER								
	REGIONAL FIRE TRAINING FACILITY HKRZ979568							
serious injury in a r continue.	eal-world incident. Lack of training opportunities and hig	her operating cost will						
	ne ANG has 85 firefighting units that require fire fighter tr	raining It is not						
	ble to construct fire training pits at each of these locations.							
	ning at eight regional locations and jointly utilize active du							
	ing facilities. This project meets the criteria/scope specific	ed in AF Handbook						
32-1084, "Facility l	Requirements."							

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DA	ATA 2. DATE
ANG	(computer generated)	14 Feb 00
. INSTALLATION	AND LOCATION	<u>.</u>
ОРТ СМІТН РЕСІ	ONAL AIRPORT, ARKANSAS	
. PROJECT TITLE	ONAL AIRI ORI, ARRANSAS	7. PROJECT NUMBER
EGIONAL FIRE T	RAINING FACILITY	HKRZ979568
2. SUPPLEMEN	VTAL DATA:	
a. Estimated De	sign Data:	
(1) Status:		
(a) Date	e Design Started	Aug 1999
	metric Cost Estimates used to develop costs	NO
	ent Complete as of Jan 2000	35%
*(d) Date	e 35% Designed	Jan 2000
(e) Date	Design Complete	Mar 2000
(f) Type	e of Design Contract	Traditional
(g) Ene	rgy Study/Life-Cycle analysis was/will be performed	NO
(2) Basis:		
(a) Stan	dard or Definitive Design -	YES
(b) Who	ere Design Was Most Recently Used -	Alpena, MI
(3) Total Cos	t(c) = (a) + (b) or (d) + (e):	(\$000)
	luction of Plans and Specifications	100
	Other Design Costs	40
(c) Tota		140
(d) Con	tract	140
(e) In-H	ouse	
(4) Contract	Award (Month/Year)	Mar 2001
(5) Construct	ion Start	May 2001
(6) Construct	ion Completion	Dec 2001
	es completion of Project Definition with Parametric Cost la arable to traditional 35% design to ensure valid scope and	
b. Equipment ass	ociated with this project will be provided from other appr	ropriations: N/A
b. Equipment ass	ociated with this project will be provided from other appr	ropriations: N/A

Point of Contact: Mr. Stanley Chan 301-836-8168

1. COMPONI ANG		RD AND RESERVE CONSTRUCTION		DATE Feb 00		
	ATION AND LOCATION	JOIND I ROCTION		AREA CONSTR		
DODING AID	EODGE DAGE GEODGIA			COST INDEX .79		
	FORCE BASE, GEORGIA CY AND TYPE OF UTILIZATION			.19		
Four unit train	ing assemblies per month, 15 days annu	al field training per year,	daily use by techr	nician/AGR force		
and training.						
	CTIVE/GUARD/RESERVE INSTALLA ering Installation Squadron.	ATIONS WITHIN 15 MII	LES RADIUS			
_ 0	,g					
	S REQUESTED IN THIS PROGRAM:		CT DECIC	NI CTATIC		
CATEGORY CODE	PROJECT TITLE	CO <u>SCOPE</u> \$(00		<u>SN STATUS</u> RT <u>CMPL</u>		
·	·					
171-875	B-1 Munitions Maintenance and Training Complex	3,115 SM 8,5	500 Aug 99	9 Jul 00		
	Training Complex					
8. STATE RE	ESERVE FORCES FACILITIES BOAR	D RECOMMENDATION	Ī			
	eral Construction Approved		30 Ju			
0 I AND AC			(Da	ata)		
9. LAND AC	9. LAND ACQUISITION REQUIRED None					
	QUISITION REQUIRED					
	QUISITION REQUIRED S PLANNED IN NEXT FOUR YEARS	3		r of Acres)		
CATEGORY	S PLANNED IN NEXT FOUR YEARS	3	(Number	Tone r of Acres)		
10. PROJECT CATEGORY <u>CODE</u>		S		r of Acres)		
CATEGORY CODE 171-445	CS PLANNED IN NEXT FOUR YEARS PROJECT TITLE B-1 Operations and Training Facility		(Number SCOPE 3,289	COST \$(000) SM 5,941		
CATEGORY <u>CODE</u> 171-445	S PLANNED IN NEXT FOUR YEARS PROJECT TITLE		(Number SCOPE 3,289	COS' \$(000 SM 5,941		
CATEGORY CODE 171-445	CS PLANNED IN NEXT FOUR YEARS PROJECT TITLE B-1 Operations and Training Facility		(Number SCOPE 3,289	COST \$(000 SM 5,941		
CATEGORY <u>CODE</u> 171-445 142-758	S PLANNED IN NEXT FOUR YEARS PROJECT TITLE B-1 Operations and Training Facility B-1 Supply and Base Engineer Complex		(Number SCOPE 3,289	COS' \$(000 SM 5,941		
CATEGORY <u>CODE</u> 171-445 142-758	CS PLANNED IN NEXT FOUR YEARS PROJECT TITLE B-1 Operations and Training Facility		(Number SCOPE 3,289	COS' \$(000 SM 5,941		
CATEGORY <u>CODE</u> 171-445 142-758	S PLANNED IN NEXT FOUR YEARS PROJECT TITLE B-1 Operations and Training Facility B-1 Supply and Base Engineer Complex		(Number SCOPE 3,289	COS' \$(000 SM 5,941		
CATEGORY <u>CODE</u> 171-445 142-758	S PLANNED IN NEXT FOUR YEARS PROJECT TITLE B-1 Operations and Training Facility B-1 Supply and Base Engineer Complex		(Number SCOPE 3,289	COS' \$(000 SM 5,941		
CATEGORY <u>CODE</u> 171-445 142-758	S PLANNED IN NEXT FOUR YEARS PROJECT TITLE B-1 Operations and Training Facility B-1 Supply and Base Engineer Complex		(Number SCOPE 3,289	COS' \$(000 SM 5,941		
CATEGORY <u>CODE</u> 171-445 142-758	S PLANNED IN NEXT FOUR YEARS PROJECT TITLE B-1 Operations and Training Facility B-1 Supply and Base Engineer Complex		(Number SCOPE 3,289	COS' \$(000 SM 5,941		
CATEGORY <u>CODE</u> 171-445 142-758	S PLANNED IN NEXT FOUR YEARS PROJECT TITLE B-1 Operations and Training Facility B-1 Supply and Base Engineer Complex		(Number SCOPE 3,289	COS' \$(000 SM 5,94		
CATEGORY <u>CODE</u> 171-445 142-758	S PLANNED IN NEXT FOUR YEARS PROJECT TITLE B-1 Operations and Training Facility B-1 Supply and Base Engineer Complex		(Number SCOPE 3,289	COS' \$(000 SM 5,94		
CATEGORY <u>CODE</u> 171-445 142-758	S PLANNED IN NEXT FOUR YEARS PROJECT TITLE B-1 Operations and Training Facility B-1 Supply and Base Engineer Complex		(Number SCOPE 3,289	COS' \$(000 SM 5,941		

1. COMPONENT	FY 2001 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	14 Feb 00

3. INSTALLATION AND LOCATION

ROBINS AIR FORCE BASE, GEORGIA

11. PERSONNEL STRENGTH AS OF 31 Jul 99

	PERMANENT			GI	UARD/RESI	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	641	84	557	0	1,135	136	999
ACTUAL	540	70	470	0	978	131	847

12. RESERVE UNIT DATA

	STRENGTH		
<u>UNIT DESIGNATION</u>	AUTHORIZED	ACTUAL	
116 Aircraft Generation Squadron	219	180	
116 Bomb Wing	62	60	
116 Civil Engineering Squadron	77	60	
116 Communication Flight	40	40	
116 Logistics Squadron	113	98	
116 Logistics Support Flight	40	38	
116 Logistics Support Group	25	25	
116 Medical Squadron	57	48	
116 Maintenance Squadron	292	225	
116 Mission Support Flight	31	29	
116 Operations Group	5	5	
116 Operations Support Group	31	28	
116 Security Forces Squadron	51	51	
116 Support Group	5	5	
116 Services Flight	20	17	
128 Bomb Squadron	<u>67</u>	<u>69</u>	
TOTALS	1,135	978	

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	ASSIGNED
B-1 Bomber Aircraft	8	10
Support Equipment	350	304
Vehicle Equivalents	228	225

1. COMPONENT							2.	DATE
		FY 2001 MILITARY CO	ON PRO	OJECT DA	TΑ			
ANG		(comp	uter generate	ed) 14				Feb 00
3. INSTALLATION AND LOCATION				4. F	ROJECT	ΓITLE		
B							ENA	NCE AND
ROBINS AIR FORCE	E BAS	E, GEORGIA		TRAIN	NING COM	IPLEX		
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	T NUN	1BER	8. PROJ	ECT	COST(\$000)
51628F		171-875	UHI	1Z9696	520		\$8	,500
		9. COST	ESTIMATE	ES				
						UNI	Т	COST
		ITEM		U/M	QUANTIT	Y COS	ST	(\$000)
MUNITIONS MAIN	TENA	NCE AND TRAINING C	COMPLEX	SM	3,115			3,887
MUNITIONS BU				SM	1,115			(1,536)
		G AND ADMINISTRAT		SM	1,070			(1,095)
		NANCE AND INSPECTION	ON AREA	SM	335			(462)
MUNITIONS STO				SM	595	1,33	5	(794)
SUPPORTING FAC		ES						4,122
UTILITIES SUPP		nog per tottet		LS				(836)
DEMOLITION/AS				LS	2 420	20		(406)
UPGRADE ROAI			7	LM	2,438	38	5 /	(944)
		SAND PARKING AREAS SUPPORT/SECURITY	•	LS LS				(572)
		TE IMPROVEMENTS/M	HTICATION					(572) (792)
SUBTOTAL	.011/3.	THE IIVII KO V EIVIEIV 15/IV.	IIIIOAIIOI					8,009
TOTAL CONTRAC	T COS	XT						8,009
SUPERVISION, INSPECTION AND OVERHEAD (6%)								481
TOTAL REQUEST								8,490
TOTAL REQUEST	(ROU	NDED)						8,500
_	`	IER APPROPRIATIONS	(NON-ADD)				(100)

10. Description of Proposed Construction: Reinforced concrete foundation slab on pile and on grade; steel-framed reinforced concrete walls for explosive hazard areas and roof structure. Includes interior walls and all utilities such as, hoists, compressed air, fire protection, and grounding systems. Munitions storage igloo construction includes earth cover, and reinforced concrete floors, walls, and roof, grounding and lightening arrestors. The existing deteriorated asphalt munitions roadway will be upgraded with concrete to support B-1 munitions trailers movements. Exterior pavements, access roads, vehicle maneuvering areas, communications support and utilities, site improvements, security fencing, and intrusion detection systems are also included. Also includes minor wetland mitigation. Air Conditioning: 53 KW.

11. REOUIREMENT: 4.725 SM ADEOUATE: 1.610 SM SUBSTANDARD: 1.667 SM PROJECT: B-1 Munitions Maintenance and Training Complex (New Mission). REQUIREMENT: This project supports the 116th Bomb Wing (116 BW) and its conversion from F-15 to B-1 aircraft and relocation from Dobbins Air Reserve Base to Robins AFB. The 116 BW requires space for munitions build-up, munitions maintenance training and administration, and storage of munitions. The base has an area that meets munitions safety criteria and allows construction of this complex. However, the facilities within the area were sized and sited for special munitions and cannot be used for the conventional munitions used by the B-1 aircraft. The host base and other tenants of Robins AFB also jointly use the existing area. Munitions build-up needs space for assembling and fusing conventional munitions, and training with mock-ups. Munitions training and administration requires space for classrooms and maintaining munitions records. The maintenance and inspection functions for both the host base and the 116 BW need adequately sized and configured space for maintaining, inspecting, receiving, and issuing munitions. This will be a joint-use facility when completed. The 116 BW also requires space to store a variety of live conventional munitions for both aircrew training and war readiness material (WRM). Certain munitions must have two levels of intrusion detection to meet minimum security requirements. The munitions trailer, when fully loaded,

1. COMPONENT		2. DATE					
	FY 2001 MILITARY CONSTRUCTION PROJECT DATA						
ANG	(computer generated) 14 Feb 00						
3. INSTALLATION	3. INSTALLATION AND LOCATION						
ROBINS AIR FORCE	ROBINS AIR FORCE BASE, GEORGIA						
5. PROJECT TITLE	7. PROJECT NUMBER						
B-1 MUNITIONS MA	AINTENANCE AND TRAINING COMPLEX	UHHZ969620					

is extremely heavy (in excess of 45,400 kilograms), and requires a heavy duty concrete road as it travels from the munitions build-up facility to the B-1 hot cargo loading apron. This trailer is equipped with sensitive electronic hardware and cannot be excessively jarred during travel. The munitions support personnel of both the 116 BW and support base, which are now spread among seven different facilities and areas, will be consolidated in this complex.

CURRENT SITUATION: The 116 BW munitions functions, located in an area of Robins AFB, that was built for a special munitions mission. Interim administration and training space provides only 20 percent of the authorized space. The maintenance and inspection function is housed in an undersized facility and has only one munitions bay. The existing storage igloos are not properly sited or properly configured to support B-1 conventional weapons storage requirements. These deficiencies limit the quantity of munitions that can be stored. There are no facilities available or suitable for munitions build-up and training is performed on the ramp when weather permits. The existing access roads require extensive repairs to support the B-1 munitions trailer. The existing asphalt road is showing signs of deep structural failure and cannot support the weight of a fully-loaded munitions trailer. The WRM munitions loads cannot be stored on base. When needed, either the B-1 must be flown to another location and then loaded or the munitions shipped to Robins AFB by ground transportation. Either way, it is not an effective method of engaging the B-1 and leads to severe mission degradation and loss of training opportunities.

IMPACT IF NOT PROVIDED: Mission readiness continues to be hampered as will the unit's ability to reach full operational capability. Personnel continue to receive inadequate and incomplete training which increases exposure to safety hazards during live munitions operations. Training opportunities are lost due to significant facility limitations. The unit continues to store insufficient quantities of munitions to meet air crew training and WRM requirements, thus increasing manpower requirements for handling munitions and adding transportation costs. The munitions trailer cannot travel over substandard roads that could lead to possible damage of sensitive electronic components and damage to the munitions loads. Severe safety hazards continue.

<u>ADDITIONAL</u>: The site identified for construction is located in an undeveloped area of the base near wetlands. Minor wetland mitigation is required and has been addressed in the environmental impact analysis. Extensive soil preparation is required to provide a stable construction base for this entire project. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, and new construction) was done. It indicates there is only one alternative that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared.

BUILD-UP AREA: 1,115 SM = 12,002 SF TRAINING AND ADMINISTRATION: 1,070 SM = 11,517 SF MAINTENANCE AND INSPECTION: 335 SM = 3,606 SF STORAGE IGLOOS: 595 SM = 6,405 SF

. COMPONENT		2. DATE
	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	A
ANG	(computer generated)	14 Feb 00
3. INSTALLATION	AND LOCATION	
ROBINS AIR FORCE	BASE, GEORGIA	
5. PROJECT TITLE	7.	. PROJECT NUMBER
3-1 MUNITIONS MA	AINTENANCE AND TRAINING COMPLEX	UHHZ969620
2. SUPPLEMEN	TAL DATA:	
a. Estimated Des	ign Data:	
(1) Status:		
` '	Design Started	Aug 1999
	metric Cost Estimates used to develop costs	NO
* *	ent Complete as of Jan 2000	35%
	35% Designed	Jan 2000
	Design Complete	Jul 2000
	of Design Contract	Traditional
	gy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
* *	dard or Definitive Design -	NO
	re Design Was Most Recently Used -	N/A
(3) Total Cost	a(c) = (a) + (b) or (d) + (e):	(\$000)
	uction of Plans and Specifications	555
	Other Design Costs	215
(c) Total		770
(d) Cont		770
(e) In-Ho		
(4) Contract A	Award (Month/Year)	Apr 2001
(5) Constructi	on Start	Jun 2001
(6) Constructi	on Completion	Jul 2002
	s completion of Project Definition with Parametric Cost Esti- arable to traditional 35% design to ensure valid scope and co	
b. Equipment asso	ociated with this project will be provided from other appropr	riations: N/A

Point of Contact: Mr. Steve Rider

301-836-8083

V VICE		ARD AND RESER CONSTRUCTION		2. DAT 14 Feb	
ANG 3. INSTALLATIO	N AND LOCATION	CONSTRUCTION	N		OU A CONSTE
					ΓINDEX
	CE BASE, ILLINOIS AND TYPE OF UTILIZATION				1.16
	assemblies per month, 15 days ann	ual field training po	er year, daily us	se by technician	AGR for
5 OTHER ACTIV	/E/GUARD/RESERVE INSTALL	ATIONS WITHIN	I 15 MII ES R	ADIIJS	
Charles Melvin Pri	ce Support Center, USAR, Granite SAR, Wood River IL		(13 MILLS R		
	QUESTED IN THIS PROGRAM:	FY 2001			
CATEGORY <u>CODE</u>	PROJECT TITLE	<u>SCOPE</u>	COST \$(000)	DESIGN ST START C	
171-212 KC-1	35E Flight Training Facility	418 SM	1,500	Jan 2000 (Oct 2000
8. STATE RESER	WE FORCES EACH ITIES DOAL	DD DECOMMENT	DATION		
Unilateral C	Construction Approved	RD RECOMMENI	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	Construction Approved	RD RECOMMENI		N/A None	
9. LAND ACQUI	Construction Approved SITION REQUIRED			N/A None (Number of A	cres)
9. LAND ACQUIS 10. PROJECTS PI CATEGORY	Construction Approved SITION REQUIRED LANNED IN NEXT FOUR YEAR			None (Number of A	COS
9. LAND ACQUIS 10. PROJECTS PI CATEGORY CODE	Construction Approved SITION REQUIRED LANNED IN NEXT FOUR YEAR PROJECT TITLE			None	COS
9. LAND ACQUIS 10. PROJECTS PI CATEGORY	Construction Approved SITION REQUIRED LANNED IN NEXT FOUR YEAR PROJECT TITLE			None (Number of A	COS
9. LAND ACQUIS 10. PROJECTS PI CATEGORY CODE None	Construction Approved SITION REQUIRED LANNED IN NEXT FOUR YEAR PROJECT TITLE			None (Number of A	COS
9. LAND ACQUIS 10. PROJECTS PI CATEGORY CODE None	Construction Approved SITION REQUIRED LANNED IN NEXT FOUR YEAR PROJECT TITLE			None (Number of A	COS
9. LAND ACQUIS 10. PROJECTS PI CATEGORY <u>CODE</u> None	Construction Approved SITION REQUIRED LANNED IN NEXT FOUR YEAR PROJECT TITLE			None (Number of A	COS' \$(000
9. LAND ACQUIS 10. PROJECTS PI CATEGORY <u>CODE</u> None	Construction Approved SITION REQUIRED LANNED IN NEXT FOUR YEAR PROJECT TITLE			None (Number of A	COS
9. LAND ACQUIS 10. PROJECTS PI CATEGORY CODE None	Construction Approved SITION REQUIRED LANNED IN NEXT FOUR YEAR PROJECT TITLE			None (Number of A	COS

1. COMPONENT	FY 2001 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	14 Feb 00

3. INSTALLATION AND LOCATION

SCOTT AIR FORCE BASE, ILLINOIS

11. PERSONNEL STRENGTH AS OF

	PERMANENT			GUARD/RESERV			
	TOTAL	OFFICER	ENLISTED	<u>CIVILIAN</u>	TOTAL	OFFICER	ENLISTED
AUTHORIZED	285	39	246	0	882	117	765
ACTUAL	260	38	222	0	644	93	551

12. RESERVE UNIT DATA

			STREM	RENGTH	
	UNIT DESIGNATION		AUTHORIZED	ACTUAL	
	108 AREFW		77	65	
	126 AREFW		59	44	
	126 CES		95	63	
	126 MXS		151	87	
	126 MSF		30	24	
	126 LS		111	74	
	126 SFS		72	61	
	126 SVF		27	13	
	126 CF		42	40	
\	126 MDS		47	47	
	126 LSF		25	18	
	126 AGS		90	77	
	126 OSF		26	16	
	126 STUFT		8	0	
	126 SPTG		5	3	
	126 LG		11	7	
	126 OG		<u>6</u>	5	
		TOTALS	882	644	

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	<u>AUTHORIZED</u>	ASSIGNED
KC-135E Aircraft	10	11
Support Equipment	105	104
Vehicle Equivalents	168	170

1. COMPONENT							2	DATE
1. COMPONENT	FY 2001 MILITARY CONSTRUCTION				OIECT DA	ТΛ	۷.	DATE
ANG								Feb 00
ANG (computer generated							14	reb 00
3. INSTALLATION AND LOCATION 4				4. I	PROJECT	ΓITLE		
SCOTT AIR FORCE	BASE	E, ILLINOIS		KC-13	5E FLIGH	T TRAIN	ING	FACILITY
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJE	CT NUN	/IBER	8. PROJI	ECT	COST(\$000)
51411F		171-212	VD	YD9890)75		\$1,	,500
		9. COST	ESTIMAT	ES				
						UNI	T	COST
		ITEM		U/M	QUANTIT			(\$000)
KC 135E FLIGHT T	'RAIN	ING FACILITY		SM	418	2,53	0	1,058
SUPPORTING FAC	ILITII	ES				Í		355
PAVEMENTS				LS				(75)
UTILITIES				LS				(125)
SITE IMPROVEN	MENT	S		LS				(75)
COMMUNICATI	ON SU	JPPORT		LS				(80)
SUBTOTAL								1,413
TOTAL CONTRACT COST								1,413
SUPERVISION, INSPECTION AND OVERHEAD (6%)								85
TOTAL REQUEST								1,498
TOTAL REQUEST	(ROU	NDED)						1,500
	`	,						,

- 10. Description of Proposed Construction: Reinforced concrete foundation and floor slab; steel framed masonry walls and roof structure. Exterior to match base architectural style. Interior walls and utilities. Exterior utilities, pavements, site improvements fire protection, communication and support. Air Conditioning: 70 KW.
- 11. REQUIREMENT: 1,289 SM ADEQUATE: 871 SM SUBSTANDARD: SM PROJECT: KC-135E Flight Training Facility (New Mission)

REQUIREMENT: This is a new mission being transferred from the Air Force to the ANG. The base requires a facility for KC-135E flight training. The facility must provide contractor support and administration areas for the weapon system trainers, and classrooms, briefing rooms, and flight training support areas for the flight training mission. This school house will train ANG and AFREC crews. CURRENT SITUATION: There are no facilities at Scott AFB to support this mission. The existing KC-135E weapon system trainer and flight training function are being relocated from McClellan AFB, which is being closed, to Scott AFB under BRAC. BRAC funds were only sufficient to pay for the construction of the simulator bay (VDYD989073, BRAC Flight Simulator at \$1.7M). The BRAC funds, which do not provide minimum operational capability, expire on 30 Sep 2000. To insure minimum capabilities, ANG used the only funds available prior to the 30 Sep 2000 expiration and funded a companion unspecified minor construction project (VDYD999123, Simulator Support Facility at \$1.3M). This project provides the minimum administrative support space for the new school house. Both of the above projects will be under construction in late April 2000. Full mission capability can not be reached until additional space is provided for classrooms, equipment and training. This third, and final, project provides that space.

<u>IMPACT IF NOT PROVIDED</u>: The ANG will not be able to effectively train KC-135E aircrews. Temporary workarounds include the use of trailers and vacant buildings. None of these temporary measures are conducive to a proper training environment. The vacant buildings are too far from the main school house building. The trailers are poorly configured and do not provide the proper security measures. An effective KC-135E school house cannot be established.

<u>ADDITIONAL</u>: This project meets the criteria and scope as defined in AFH 32-1084 "Standard Facility Requirements" or in Part II of Military Handbook 1190, "Facility Planning and Design Guide". This project complies with the long range master plan for the unit.

FLIGHT TRAINING FACILITY

418 SM = 4,500 SF

COMPONENT		2. DATE
ANG	FY 2001 MILITARY CONSTRUCTION PROJECT DAT	
INSTALLATION	(computer generated) AND LOCATION	14 Feb 00
INSTALLATION	AND LOCATION	
COTT AIR FORCE		
PROJECT TITLE	7	7. PROJECT NUMBER
C-135E FLIGHT T	RAINING FACILITY	VDYD989075
. SUPPLEMEN	ITAL DATA:	
a. Estimated Des	sign Data:	
(1) Status:		
(a) Date	Design Started	Jan 2000
(b) Para	metric Cost Estimates used to develop costs	NO
	ent Complete as of Jan 2000	6%
*(d) Date	235% Designed	Mar 2000
(e) Date	Design Complete	Oct 2000
	of Design Contract	Traditional
	gy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
` '	dard or Definitive Design -	NO
	ere Design Was Most Recently Used -	N/A
(2) Total Cas	(a) (b) (d) (d) (d)	(\$000)
	t(c) = (a) + (b) or (d) + (e):	(\$000)
	duction of Plans and Specifications	100
	Other Design Costs	40
(c) Tota		140
(d) Con (e) In-H		140
. ,	Award (Month/Year)	May 2001
(5) Construct		Jul 2001
(6) Construct	ion Completion	Mar 2002
	s completion of Project Definition with Parametric Cost Est	
is comp	arable to traditional 35% design to ensure valid scope and co	ost and executability.
b. Equipment ass	ociated with this project will be provided from other approp	riations: N/A

Point of Contact: Maj Ruger 301-836-8233

ANG MILITARY CONSTRUCTION 14 Fe 3. INSTALLATION AND LOCATION 4. AR	ATE								
2 INSTALLATION AND LOCATION ADDITION ADDITION									
3. INSTALLATION AND LOCATION 4. AREA CONSTR COST INDEX ALPENA COUNTY REGIONAL AIRPORT, MICHIGAN 1.17									
5. FREQUENCY AND TYPE OF UTILIZATION	1.17								
Year-round operational training of Air National Guard units, other Reserve components, and Active is	military								
units.	J								
C OTHER ACTIVE CHARD DESERVE INSTALL ATTOMS WHITHIN 15 MH FG D ADMS									
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS One Army National Guard Armory.									
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001									
CATEGORY COST DESIGNS	STATUS								
CODE PROJECT TITLE SCOPE \$(000) START									
	May 00								
Complex									
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION									
Unilateral Construction Approved 17 Mar 9									
Unilateral Construction Approved 17 Mar 9 (Date)									
Unilateral Construction Approved 17 Mar 9	e								
Unilateral Construction Approved 17 Mar 9 (Date) 9. LAND ACQUISITION REQUIRED None	e								
Unilateral Construction Approved 17 Mar 9 (Date) 9. LAND ACQUISITION REQUIRED None (Number of) 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY	e SAcres)								
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Unilateral Construction Approved 17 Mar 9 (Date) 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE	e SAcres)								
Unilateral Construction Approved 17 Mar 9 (Date) 9. LAND ACQUISITION REQUIRED None (Number of) 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY	e SAcres)								
Unilateral Construction Approved 17 Mar 9 (Date) 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE	e SAcres)								
Unilateral Construction Approved 17 Mar 9 (Date) 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE None	e SAcres)								
Unilateral Construction Approved 17 Mar 9 (Date) 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE	e SAcres)								
Unilateral Construction Approved 17 Mar 9 (Date) 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE None	e SAcres)								
Unilateral Construction Approved 17 Mar 9 (Date) 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE None	e SAcres)								
Unilateral Construction Approved 17 Mar 9 (Date) 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE None	e SAcres)								
Unilateral Construction Approved 17 Mar 9 (Date) 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE None	e SAcres)								
Unilateral Construction Approved 17 Mar 9 (Date) 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE None	e SAcres)								
Unilateral Construction Approved 17 Mar 9 (Date) 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE None	e SAcres)								
Unilateral Construction Approved 17 Mar 9 (Date) 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE None	e SAcres)								
Unilateral Construction Approved 17 Mar 9 (Date) 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE None	e SAcres)								

1. COMPONENT ANG		2001 GUARD AI ILITARY CONS				DATE Feb 00
3. INSTALLATION		ILITART CONS	TRUCTION		14	100 00
	REGIONAL AIRPOI					
11. PERSONNEL S	TRENGTH AS OF 28	3 Aug 99				
T	PERM OTAL OFFICER 1	MANENT ENLISTED CIV	VILIAN		GUARD/RE L OFFICEI	SERVE R ENLISTED
AUTHORIZED ACTUAL	116 11 84 8	105 76	0	18	0	0 16
12. RESERVE UNI	T DATA					
UNIT DESI	IGNATION bat Readiness Trainin	g Center		AUTHORIZ 116	STRENGT ED A	H ACTUAL 84
CRTC Com	iout readiness Training	TOTALS		116		84
13. MAJOR EQUIP	MENT AND AIRCRA	AFT				
	<u>PE</u>		<u>AUTHO</u>	ORIZED	ASSIGN	<u>ED</u>
Support Equipment Vehicle Equivalents				201 542	196 542	

1. COMPONENT							2	DATE
1. COMI ONLINI		FY 2001 MILITARY CO	NSTRUCTI	ON PRO	DIECT DA	ТА	۷.	DAIL
ANG								
(compared generate)					ROJECT	TITLE		
							ANI	D TRAINING
					LEX			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	1BER	8. PROJ	ECT	COST(\$000)
								,
55296F		171-445	TD	VG0011	55		\$4	,500
		9. COST	ESTIMAT	ES				
						UNI	Т	COST
		ITEM		U/M	QUANTIT'	Y COS	T	(\$000)
REPLACE OPERAT	TIONS	AND TRAINING COMP	PLEX	SM	2,045			3,742
DEPLOYED SQU	JADRO	ON OPERATIONS AREA		SM	1,115	1,83	0	(2,040)
CRTC COMMAN	ID ST	AFF AREA		SM	465	1,83	0	(851)
ASSEMBLY HAI	L			SM	465	1,83	0	(851)
SUPPORTING FAC								496
UTILITIES/COM	MUNI	CATIONS SUPPORT		LS				(80)
PAVEMENTS				LS				(240)
SITE IMPROVEN	AENT:	S		LS				(75)
DEMOLITION/A	SBES	TOS REMOVAL		SM	932	10	8	<u>(101)</u>
SUBTOTAL								4,238
TOTAL CONTRACT COST								4,238
SUPERVISION, INSPECTION AND OVERHEAD (6%)								<u>254</u>
TOTAL REQUEST								4,492
TOTAL REQUEST	TOTAL REQUEST (ROUNDED)							4,500

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel-framed structure utilizing masonry walls and roof system. Interior mechanical, electrical, and fire protection systems. Exterior utilities, pavements, site improvements, and support. Demolish and perform asbestos removal in 8 buildings (932 SM) and landscape the sites. Air Conditioning: 175 KW.

11. REQUIREMENT: 2,045 SM ADEQUATE: 0 SM SUBSTANDARD: 1,824 SM PROJECT: Replace Operations and Training Complex (Current Mission).

<u>REQUIREMENT</u>: The Combat Readiness Training Center (CRTC) is a joint service training range which provides air-to-air and air-to-ground training for Active, Guard, and Reserve units in realistic training scenarios. This site and its associated ranges at Camp Grayling and over Lake Huron support operational readiness inspections (ORIs) during a year round schedule. To support this range training, the site requires an adequately sized, properly configured and energy efficient facility in which to conduct squadron operations for deployed crews and daily administrative and command functions of the site command staff. The assembly hall is required for debrief of inspection results and effective coordination of site activities supporting both the deployed units and host base.

CURRENT SITUATION: The CRTC has insufficient floor space to support the training of deployed units and air crews. The primary facility, Building 1, is a 892 SM, WWII vintage wood structure originally constructed as a warehouse. Over the years it has been converted in pieces to office space. In addition to being severely undersized, it is poorly configured and inherently energy inefficient. Poor insulation, outdated and leaking windows and antiquated heating/ventilating equipment all lead to excessive utility bills and operations costs for this facility located in this northern tier climate. Structural components of the building have begun to fail and are no longer economically feasible to repair. Due to the lack of space in Building 1, several other related functions, which should be housed in this facility, are scattered across the site in eight other facilities. This disjointed situation causes disruption to training scenarios and inspection operations as well as the overall command and control of the site. Additionally, communications difficulties between aircrews could lead to safety issues on the range. These scattered facilities are of similar age and construction to the main building - they are outdated, expensive to operate and are beginning to show signs of structural failure. Life, health and

1. COMPONENT		2. DATE
	FY 2001 MILITARY CONSTRUCTION PROJECT DA	ATA
ANG	(computer generated)	14 Feb 00
3. INSTALLATION	AND LOCATION	
ALPENA COUNTY	REGIONAL AIRPORT, MICHIGAN	
5. PROJECT TITLE		7. PROJECT NUMBER
REPLACE OPERATI	IONS AND TRAINING COMPLEX	TDVG001155

safety violations are a primary concern since none of the facilities have sufficient fire protection systems. Additionally, there is insufficient space to accommodate latrines for both male and female crew members.

IMPACT IF NOT PROVIDED: The combustible nature of the primary facility coupled with the lack of any fire protection and the structural integrity pose a real possibility for loss of this structure. The loss of this, or any of the associated facilities, and the equipment and documents housed therein, would jeopardize the conduct of deployed military training and inspections at this center. Lapses in training would adversely affect crew proficiency and disrupt the Inspector General ORI schedule. Continued operation in poor facilities will negatively impact morale, retention and recruiting for the host Air National Guard unit.

ADDITIONAL: Upon completion of this project, the following buildings will be demolished: 115 (92 SM), 209 (92 SM), 219 (142 SM), 302 (75 SM), 304 (75 SM), 330 (136 SM), 331 (178 SM), and 332 (142 SM) for a total of 932 SM. An economic analysis has been prepared comparing the alternatives of new construction, comprehensive repair, leasing, and status quo operation. Based on life-cycle costs in net present value and benefits of the respective alternatives, new construction was found to be the most cost effective for this project. Anti-terrorism/force protection requirements have been evaluated. There is no threat so the minimum standards have been applied. This project and associated demolition comply with the long-range master plan.

DEPLOYED SQUADRON OPERATIONS AREA: 1,115 SM = 12,002 SF CRTC COMMAND STAFF AREA: 465 SM = 5,005 SF ASSEMBLY HALL: 465 SM = 5,005 SF

. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DA	2. DATE
ANG	(computer generated)	14 Feb 00
. INSTALLATION		<u> </u>
LPENA COUNTY	REGIONAL AIRPORT, MICHIGAN	
PROJECT TITLE		7. PROJECT NUMBER
EPLACE OPERAT	IONS AND TRAINING COMPLEX	TDVG001155
. SUPPLEMEN	ITAL DATA:	
a. Estimated Des	sign Data:	
(1) Status:		
	Design Started	Aug 1999
	metric Cost Estimates used to develop costs	NO
	ent Complete as of Jan 2000	35%
	235% Designed	Jan 2000
	Design Complete	May 2000
	e of Design Contract	Traditional
(g) Ener	gy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
	dard or Definitive Design -	NO
(b) Whe	ere Design Was Most Recently Used -	N/A
(3) Total Cos	t(c) = (a) + (b) or (d) + (e):	(\$000)
(a) Prod	uction of Plans and Specifications	290
(b) All (Other Design Costs	110
(c) Tota	1	400
(d) Con		400
(e) In-H	ouse	
(4) Contract A	Award (Month/Year)	Jun 2001
(5) Construct	ion Start	Sep 2001
(6) Construct	ion Completion	Jun 2002
	s completion of Project Definition with Parametric Cost Earable to traditional 35% design to ensure valid scope and	
b. Equipment ass	ociated with this project will be provided from other appro	ppriations: N/A

Point of Contact: Mr. John Loehle

301-836-8076

1. COMPONEN		RD AND RESERVE		2. DATE
ANG	TION AND LOCATION	CONSTRUCTION		4 Feb 00
5. INSTALLAT	ION AND LOCATION		4	AREA CONSTR COST INDEX
JACKSON INT	ERNATIONAL AIRPORT, MISSISS	SIPPI		.87
	Y AND TYPE OF UTILIZATION		<u> </u>	
	ig assemblies per month, 15 days annu	ual field training per year,	daily use by tech	nnician/AGR force
and for training.				
6 OTHER AC	ΓΙVE/GUARD/RESERVE INSTALL	ATIONS WITHIN 15 MII	LES RADIUS	
	onal Guard Armories, one United State			ity, and one
	nduction Center.			
7 DDOIECTC	DEOLIECTED IN THIS DROCD AM.	EV 2001		
7. PROJECTS I CATEGORY	REQUESTED IN THIS PROGRAM:		OST DESI	GN STATUS
CODE	PROJECT TITLE	SCOPE \$(0		ART CMPL
211-159 C-	-17 Corrosion Control Hangar	4,051 SM 10,	500 Aug 9	99 Sep 00
	ERVE FORCES FACILITIES BOAF	RD RECOMMENDATION		Dec 98
	ERVE FORCES FACILITIES BOAF	RD RECOMMENDATION	03 I	Dec 98 Date)
Unilatera		RD RECOMMENDATION	03 I (D	Dec 98 Date)
Unilatera 9. LAND ACQ	UISITION REQUIRED		03 I (D	Oate)
Unilatera 9. LAND ACQ 10. PROJECTS	al Construction Approved		03 I (D	None er of Acres)
Unilatera 9. LAND ACQ 10. PROJECTS CATEGORY	UISITION REQUIRED PLANNED IN NEXT FOUR YEAR		03 I (E] (Number	Oate) None er of Acres) COS
Unilatera 9. LAND ACQ 10. PROJECTS	UISITION REQUIRED		03 I (D	Oate) None er of Acres) COS
Unilatera 9. LAND ACQ 10. PROJECTS CATEGORY CODE	UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE		03 I (E (Number	Oate) None er of Acres) COS' \$(000
Unilatera 9. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753 C-	UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE 17 Facility Conversion	a.s.	03 I (E (Number SCOPE	Oate) None er of Acres) COS' \$(000) SM 16,000
Unilatera 9. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753 C- 211-179 C-	UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE 17 Facility Conversion 17 Replace Fuel Cell and Alter Shops	a.s.	03 I (E (Number	Oate) None er of Acres) COS \$(000) SM 16,000 SM 21,960
Unilatera D. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753 C- 211-179 C- 171-618 C-	UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE 17 Facility Conversion	a.s.	03 I (E 	Oate) None er of Acres) COS \$(000) SM 16,000 SM 21,960 SM 7,400
Unilatera 9. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753 C- 211-179 C- 171-618 C-	UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE 17 Facility Conversion 17 Replace Fuel Cell and Alter Shops 17 Maintenance Training Facility	a.s.	03 I (E (Number SCOPE 14,716 10,414 2,899	Oate) None er of Acres) COS \$(000) SM 16,00 SM 21,96 SM 7,40
Unilatera 9. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753 C- 211-179 C- 171-618 C-	UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE 17 Facility Conversion 17 Replace Fuel Cell and Alter Shops 17 Maintenance Training Facility	a.s.	03 I (E (Number SCOPE 14,716 10,414 2,899	Oate) None er of Acres) COS' \$(000) SM 16,000 SM 21,960 SM 7,400
Unilatera 9. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753 C- 211-179 C- 171-618 C- 171-450 Ex	UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE 17 Facility Conversion 17 Replace Fuel Cell and Alter Shops 17 Maintenance Training Facility expeditionary Forces Center	a.s.	03 I (E (Number SCOPE 14,716 10,414 2,899	Oate) None er of Acres) COS \$(000) SM 16,000 SM 21,960 SM 7,400
Unilatera D. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753 C- 211-179 C- 171-618 C- 171-450 Ex	UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE 17 Facility Conversion 17 Replace Fuel Cell and Alter Shops 17 Maintenance Training Facility	a.s.	03 I (E (Number SCOPE 14,716 10,414 2,899	Oate) None er of Acres) COS' \$(000) SM 16,000 SM 21,960 SM 7,400
Unilatera 9. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753 C- 211-179 C- 171-618 C- 171-450 Ex	UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE 17 Facility Conversion 17 Replace Fuel Cell and Alter Shops 17 Maintenance Training Facility expeditionary Forces Center	a.s.	03 I (E (Number SCOPE 14,716 10,414 2,899	Oate) None er of Acres) COS' \$(000) SM 16,000 SM 21,960 SM 7,400
Unilatera 9. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753 C- 211-179 C- 171-618 C- 171-450 Ex	UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE 17 Facility Conversion 17 Replace Fuel Cell and Alter Shops 17 Maintenance Training Facility expeditionary Forces Center	a.s.	03 I (E (Number SCOPE 14,716 10,414 2,899	Oate) None er of Acres) COS' \$(000) SM 16,000 SM 21,960 SM 7,400
Unilatera 9. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753 C- 211-179 C- 171-618 C- 171-450 Ex	UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE 17 Facility Conversion 17 Replace Fuel Cell and Alter Shops 17 Maintenance Training Facility expeditionary Forces Center	a.s.	03 I (E (Number SCOPE 14,716 10,414 2,899	Oate) None er of Acres) COS' \$(000) SM 16,000 SM 21,960 SM 7,400
Unilatera 9. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753 C- 211-179 C- 171-618 C- 171-450 Ex	UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE 17 Facility Conversion 17 Replace Fuel Cell and Alter Shops 17 Maintenance Training Facility expeditionary Forces Center	a.s.	03 I (E (Number SCOPE 14,716 10,414 2,899	Oate) None er of Acres) COS \$(000) SM 16,000 SM 21,960 SM 7,400
Unilatera D. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753 C- 211-179 C- 171-618 C- 171-450 Ex	UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE 17 Facility Conversion 17 Replace Fuel Cell and Alter Shops 17 Maintenance Training Facility expeditionary Forces Center	a.s.	03 I (E (Number SCOPE 14,716 10,414 2,899	Oate) None er of Acres) COS \$(000) SM 16,00 SM 21,96 SM 7,40
Unilatera 9. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753 C- 211-179 C- 171-618 C- 171-450 Ex	UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE 17 Facility Conversion 17 Replace Fuel Cell and Alter Shops 17 Maintenance Training Facility expeditionary Forces Center	a.s.	03 I (E (Number SCOPE 14,716 10,414 2,899	Oate) None er of Acres) COS \$(000) SM 16,00 SM 21,96 SM 7,40
Unilatera 9. LAND ACQ 10. PROJECTS CATEGORY CODE 141-753 C- 211-179 C- 171-618 C- 171-450 Ex	UISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE 17 Facility Conversion 17 Replace Fuel Cell and Alter Shops 17 Maintenance Training Facility expeditionary Forces Center	a.s.	03 I (E (Number SCOPE 14,716 10,414 2,899	Oate) None er of Acres) COS \$(00) SM 16,00 SM 21,96 SM 7,40

1. COMPONENT	FY 2001 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	14 Feb 00

3. INSTALLATION AND LOCATION

JACKSON INTERNATIONAL AIRPORT, MISSISSIPPI

11. PERSONNEL STRENGTH AS OF 12 Aug 99

	PERMANENT				<u></u>	G	UARD/RESI	ERVE
	TOTAL	TC	TAL	OFFICER	ENLISTED			
AUTHORIZED	328	20	308	0		1,137	147	990
ACTUAL	263	17	246	0		1,097	142	955

12. RESERVE UNIT DATA

	STRE	ENGTH
UNIT DESIGNATION	AUTHORIZED	ACTUAL
127 Operations Group	7	7
172 Aircraft Generation Squadron	80	72
172 Aerial Port Flight	64	72
172 Airlift Wing	56	53
172 Civil Engineering Squadron	107	102
172 Communication Flight	47	54
172 Logistics Group	9	12
172 Logistics Squadron	112	110
172 Logistics Support Flight	18	19
172 Medical Squadron	57	58
172 Maintenance Squadron	230	199
172 Mission Support Flight	30	30
172 Operations Support Flight	14	12
172 Security Forces Squadron	58	55
172 Support Group	5	4
172 Services Flight	30	29
183 Airlift Evacuation Squadron	99	96
183 Airlift Squadron	<u>114</u>	113
TOTALS	1,137	1,097

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	ASSIGNED
C-141B Aircraft	8	9
C-17 Aircraft	6	0
Support Equipment	155	141
Vehicle Equivalents	256	318

1. COMPONENT							12	DATE
1. COMPONENT		FY 2001 MILITARY CO	NICTRICT	ON DD	TECT DA	ТΛ	2.	DATE
ANG			uter generat	-	JJECT DA	IA	1.4	Feb 00
3. INSTALLATION	AND		uter generat		PROJECT T	riti e	14	160 00
5. INSTALLATION	AND	LOCATION			CORROSIC		₽∩ī	/
IACKSON INTERNA	ATION	IAL AIRPORT, MISSISSI	IDDI		TENANCE			4
5. PROGRAM ELEM		6. CATEGORY CODE	7. PROJEC					COST(\$000)
5. PROGRAM ELEM	IENI	6. CATEGORY CODE	7. PROJEC	LINUN	IBEK	8. PKOJ	ECI	COST(\$000)
54121F		211-159	LR	XQ9695	23		\$10),500
		9. COST	ESTIMAT	ES				
						UNI	Т	COST
		ITEM		U/M	QUANTIT	Y COS	T	(\$000)
C-17 CORROSION	CONT	ROL HANGAR		SM	4,051			7,118
MAINTENANCE	HAN	GAR BAY AREA		SM	3,679	1,75	5	(6,457)
CORROSION CO	NTRO	DL SHOP AREA		SM	372	1,77	6	(661)
SUPPORTING FAC								2,792
		S AND PAVEMENTS		LS				(740)
FIRE PROTECTION				LS				(450)
DEMOLITION/A				LS				(125)
COMMUNICATI	ONS S	SUPPORT		LS				(77)
UTILITIES				LS				(700)
PILE FOUNDAT				LS				(300)
ENVIRONMENTAL CONTROLS/VENTILATION				LS				(400)
SUBTOTAL GOVERN A GET GOGET								9,910
TOTAL CONTRACT COST								9,910
SUPERVISION, INSPECTION AND OVERHEAD (6%)								<u>595</u>
TOTAL REQUEST	(DOLT	NDED)						10,505
TOTAL REQUEST	(KUU.	NUEU)						10,500
								1

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab on pile construction. Structural steel-frame and masonry walls and roof structure. Interior utilities and environmental controls, with ventilation/filtration and environmental waste disposal. Exterior utilities, pavements, site improvements, fire protection, communications extension, drainage improvements, and necessary support. Demolish four buildings (1,070 SM) which are in the way of construction, and landscape the grounds.

Air Conditioning: 88 KW.

11. REQUIREMENT: 4,051 SM ADEQUATE: 0 SM SUBSTANDARD: 2,499 SM PROJECT: C-17 Corrosion Control/Maintenance Hangar (New Mission).

REQUIREMENT: The 172nd Airlift Wing is scheduled to convert from C-141 to C-17 aircraft in FY 2004. The base requires an adequate facility for C-17 corrosion control and maintenance functions, as well as shop areas to accommodate maintenance and training on composite materials. The C-17 aircraft has a 60-day scheduled wash cycle requirement. Its many exterior surfaces are comprised of composite materials, which require frequent maintenance and spot painting to prevent structural damage. To provide climatic temperature control, supply hot water, and control pollutants, an enclosed facility is necessary for washing the aircraft, and performing corrosion control and maintenance. This facility must have sufficient lighting, heating, ventilation, fire protection/suppression, and environmental systems to effectively and safely support the mission.

<u>CURRENT SITUATION</u>: The 172 AW does not have a facility which can support the full enclosure necessary for C-17 corrosion control and maintenance requirements. There are no suitable workarounds. The C-17 aircraft has many exterior surfaces which utilize composite materials whereas the C-141 does not have any. The 172 AW also does not have a composite materials shop or excess space that can be converted for that purpose. There are only two covered aircraft maintenance facilities on base, neither of which can be used for corrosion control on the C-17. One is the hangar which will be upgraded and reused as a hangar. The other facility is the fuel cell which also requires extensive work, but will be reused for the C-17. These buildings were sized and/or modified for the C-141. A

1. COMPONENT		2. DATE					
	FY 2001 MILITARY CONSTRUCTION PROJECT DA	ATA					
ANG	(computer generated)	14 Feb 00					
3. INSTALLATION	AND LOCATION						
JACKSON INTERNA	JACKSON INTERNATIONAL AIRPORT, MISSISSIPPI						
5. PROJECT TITLE		7. PROJECT NUMBER					
C-17 CORROSION CONTROL/MAINTENANCE HANGAR LRXQ969523							

total of three covered spaces are required to support the C-17 maintenance requirement. The aircraft maintenance hangar and fuel systems maintenance facility are being extensively upgraded for the C-17 beddown by FY 2002 and FY 2003 MILCON projects. Constructing this facility in FY 2001 ensures at least one covered maintenance space is available in support of the continuing C-141 operation while the two remaining facilities are under renovation. Any other sequence will leave the unit with no hangar space whatsoever. The base has very poor soil conditions and a very high water table. The proposed building site requires special pile foundations, drainage improvements, pavements and utilities.

IMPACT IF NOT PROVIDED: The C-17 Service Life Policy contract will be voided if the corrosion control and maintenance requirements intended to be performed in this proposed facility are not accomplished. The work cannot be performed outside on the ramp. Cleaning agents, corrosion treatment chemicals, and paint removers would not be allowed to properly cure on the aircraft. Pollutants would not be properly captured and controlled. Corrosion control would have to be performed elsewhere. This very costly work-around will also negatively impact operational training, and maintenance schedules.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in the AF Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, and new construction) was done. It indicates there is only one alternative that will meet operational requirements - new construction. For this reason, a full economic analysis was not performed. A certificate of exception has been prepared. Upon completion of this project, the following buildings will be demolished: 114 (446 SM), 119 (558 SM), 127 (22 SM), and 204 (44 SM), for a total of 1,070 SM.

MAINTENANCE HANGAR BAY AREA: 3,679 SM = 39,600 SF CORROSION CONTROL SHOP AREA: 372 SM = 4,000 SF

I. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DA	2. DATE
ANG	(computer generated)	14 Feb 00
. INSTALLATION		-
ACKSON INTERN	ATIONAL AIRPORT, MISSISSIPPI	
PROJECT TITLE		7. PROJECT NUMBER
-17 CORROSION (CONTROL HANGAR	LRXQ969523
. SUPPLEMEN	JTAI DATA:	-
F .: . 15		
	Sign Data.	
(1) Status:		4 1000
	e Design Started	Aug 1999
	metric Cost Estimates used to develop costs	N 250/
	ent Complete as of Jan 2000	35%
	e 35% Designed	Jan 2000
	e Design Complete	Sep 2000
	e of Design Contract	Traditional
(g) Ene	rgy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
	dard or Definitive Design -	NO
(b) Who	ere Design Was Most Recently Used -	N/A
(3) Total Cos	t(c) = (a) + (b) or (d) + (e):	(\$000)
(a) Proc	luction of Plans and Specifications	685
(b) All	Other Design Costs	265
(c) Tota	.1	950
(d) Con	tract	950
(e) In-H	louse	
(4) Contract	Award (Month/Year)	Apr 2001
(5) Construct	ion Start	Jun 2001
(6) Construct	ion Completion	Sep 2002
	es completion of Project Definition with Parametric Cost la arable to traditional 35% design to ensure valid scope and	
b. Equipment ass	ociated with this project will be provided from other appr	ropriations: N/A
• •		•

Point of Contact: Mr. Steve Rider

301-836-8083

1. COMPONENT	FY 2001 GUARD	AND RESERV	E	2. D	OATE
ANG		NSTRUCTION		14 F	Feb 00
	N AND LOCATION				REA CONSTR OST INDEX
	INTERNATIONAL AIRPORT, UT	AH			1.03
	AND TYPE OF UTILIZATION	a annual field too	inina man	. doile na h	
technician/AGR for	raining assemblies per month, 15 day	s annuai meid tra	ming per year	r, dany use b	y
technician/York for	ee and for training.				
	E/GUARD/RESERVE INSTALLAT				
One Navai/Marines	Corps Reserve, one Army Reserve a	nd two Army Na	itional Guard	Units.	
	QUESTED IN THIS PROGRAM: F	Y 2001			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST <u>\$(000)</u>		STATUS Γ CMPL
217-712 Upgra	ade Aircraft Maintenance Complex	10,294 SM	10,300	Sep 98	Aug 00
	VE FORCES FACILITIES BOARD onstruction Approved	RECOMMENDA	ATION	12 May	₇ 99
				(Date	
9. LAND ACQUIS	ITION REQUIRED			Nor	
10 PROJECTE DI	AND THE DANGE OF THE ADDRESS OF THE			(Number o	of Acres)
CATEGORY	ANNED IN NEXT FOUR YEARS				COST
CODE	PROJECT TITLE			<u>SCOPE</u>	\$(000)
None					
RPM	Backlog: \$782,000				

1. COMPONENT	FY 2001 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	14 Feb 00

3. INSTALLATION AND LOCATION

SALT LAKE CITY INTERNATIONAL AIRPORT, UTAH 11. PERSONNEL STRENGTH AS OF 01 Aug 99

	PERMANENT				GUARD			ERVE
	TOTAL	OFFICER	ENLISTED	<u>CIVILIAN</u>		<u>TOTAL</u>	OFFICER	ENLISTED
AUTHORIZED	410	39	371	0		1,458	170	1,288
ACTUAL	410	39	371	0		1,416	187	1,229

12. RESERVE UNIT DATA

	STRE	NGTH
<u>UNIT DESIGNATION</u>	AUTHORIZED	ACTUAL
109 Air Traffic Control Squadron	120	116
130 Engineering Installation Squadron	154	146
151 Aircraft Generation Squadron	89	81
151 Air Refueling Wing	57	64
151 Civil Engineering Squadron	95	114
151 Communication Flight	47	48
151 Logistics Group	10	11
151 Logistics Squadron	111	103
151 Logistics Support Flight	25	23
151 Medical Squadron	52	66
151 Maintenance Squadron	149	132
151 Mission Support Flight	30	31
151 Operations Group	6	7
151 Operations Support Flight	26	27
151 Security Forces Squadron	72	66
151 Support Group	5	7
151 Services Flight	20	28
169 Intelligence Squadron	182	131
191 Air Refueling Squadron	75	81
299 Range Control Squadron	108	104
HQ UT ANG	<u>25</u>	30
TOTALS	1,458	1,416

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	ASSIGNED
KC-135 Aircraft	10	11
Support Equipment	260	196
Vehicle Equivalents	717	787

1. COMPONENT		2. DATE					DATE	
		FY 2001 MILITARY CO.	NSTRUCTI	ON PR	OJECT DA	TA		
ANG		(comp	uter generate	ed)			14	Feb 00
3. INSTALLATION	AND	LOCATION		4. I	ROJECT	ΓITLE		
				UPGR	ADE AIRC	CRAFT M	AIN	TENANCE
SALT LAKE CITY II	NTER	NATIONAL AIRPORT, U	JTAH	COMP	LEX			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PROJ	ECT	COST(\$000)
								, , ,
55296F		217-712	USI	EB8896	01		\$10),300
		9. COST	ESTIMATI	ES				
						UN	Т	COST
		ITEM		U/M	QUANTIT	Y COS	ST	(\$000)
AIRCRAFT MAINT	ENA	NCE COMPLEX		SM	10,294			8,665
ADD TO AIRCRA	AFT G	ENERAL PURPOSE SHO	OPS	SM	3,567	1,36	55	(4,869)
UPGRADE FUEL	CELI	L HANGAR		SM	2,369	47	' 5	(1,125)
UPGRADE ORGA	ANIZ/	ATIONAL MAINTENAN	CE SHOPS	SM	1,728	53	31	(918)
UPGRADE AIRC	RAFT	GENERATION HANGA	.R	SM	2,258	47	'5	(1,073)
ADD TO AIRCRA	AFT G	ENERATION HANGAR		SM	372	1,82	27	(680)
SUPPORTING FAC								1,052
		VICATIONS SUPPORT		LS				(370)
PAVEMENTS/SI'				LS				(340)
DEMOLITION/A	SBES	ΓOS REMOVAL		SM	1,799	19	00	(342)
SUBTOTAL								9,717
TOTAL CONTRACT COST								9,717
SUPERVISION, INSPECTION AND OVERHEAD (6%)								583
TOTAL REQUEST								10,300
TOTAL REQUEST	(KOU	NDED)						10,300

10. Description of Proposed Construction: New: reinforced concrete foundation and floor slab on pile foundation, and steel-framed masonry walls and roof structure. Includes all utilities systems, access pavements, fire protection, site improvements, and support. Alteration: relocate and extend interior walls and utilities. Demolish six buildings (1,799 SM) and landscape the grounds. Air Conditioning: 123 KW.

11. REQUIREMENT: 10,294 SM ADEQUATE: 0 SM SUBSTANDARD: 6,355 SM PROJECT: Upgrade Aircraft Maintenance Complex (Current Mission).

REQUIREMENT: The 151st Air Refueling Wing (151 ARW) requires adequately sized and properly configured space in which to maintain the assigned KC-135 aircraft and train personnel. Functional areas include hangar bays, fuel systems maintenance shop, general purpose shops, organizational maintenance shops, inspection, administration, and tool and equipment storage. Consolidation of the various aircraft maintenance shops will result in significant improvements to the unit's mission. CURRENT SITUATION: Both the aircraft maintenance and fuel cell hangars contain numerous facility deficiencies, and fire and safety hazards. The buildings have unreliable heating systems with radiant heating pipes and reflectors that are rusted and corroded. There is insufficient electrical power to support the test equipment. The corrosion control, and repair and reclamation shops are located in a wooden, WWII-vintage building. Due to severely deteriorated wooden trusses, this building is a potential safety hazard. The non-destructive inspection lab is also housed in a 50-year old facility that does not meet technical order and safety criteria. Command, control, supervision, and training are significantly reduced as a result of these scattered shops. The general purpose shops are short of space and not properly configured for the wing's current maintenance structure. The work areas do not have adequate power to support the assigned test stations and computer equipment. The aerospace support equipment (ASE) shop is housed in the former vehicle maintenance facility which was constructed over 40 years ago, and does not meet current building codes. The ASE shop is not located near the flightline where the equipment is normally used and stored. There are no direct routes to the flightline creating excessive towing delays and impacting training. All these buildings are energy inefficient with singlepane windows, little to no insulation, and deteriorated exterior siding.

1. COMPONENT		2. DATE			
	FY 2001 MILITARY CONSTRUCTION PROJECT DA	ATA			
ANG	(computer generated)	14 Feb 00			
3. INSTALLATION	AND LOCATION				
SALT LAKE CITY INTERNATIONAL AIRPORT, UTAH					
5. PROJECT TITLE 7. PROJECT					
LIPGRADE AIRCRAFT MAINTENANCE COMPLEX LISEB889601					

IMPACT IF NOT PROVIDED: Aircraft maintenance and personnel training will be severely hampered. Inadequate mechanical and electrical systems continue to limit the effectiveness of maintenance equipment. Structural, fire, and health hazards will remain and compromise personnel safety and equipment protection. Higher operating and maintenance costs will continue until the imminent failure of the building systems. Quality of life is negatively impacted affecting morale and retention.

<u>ADDITIONAL</u>: An economic analysis has been prepared comparing the alternatives of new construction, add/alter and status quo operations. Based on a preliminary analysis of reasonable options and the estimated values and benefits of those alternatives, a new addition appears to be the most cost efficient over the life of the project. Upon completion of this project, the following buildings will be demolished: 2 (447 SM), 4 (360 SM), 5 (130 SM), 6 (306 SM), 1608 (454 SM), and 1708 (102 SM) for a total of 1,799 SM.

ADD TO AIRCRAFT GENERAL PURPOSE SHOPS: 3,567 SM = 38,395 SF UPGRADE FUEL CELL HANGAR: 2,369 SM = 25,500 SF UPGRADE ORGANIZATIONAL MAINTENANCE SHOPS: 1,728 SM = 18,600 SF UPGRADE AIRCRAFT GENERATION HANGAR: 2,258 SM = 24,305 SF ADD TO AIRCRAFT GENERATION HANGAR: 372 SM = 4,004 SF

1. C	OMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DA	2. DATE
	ANG	(computer generated)	14 Feb 00
3. IN	NSTALLATION	AND LOCATION	_
SAL	T LAKE CITY II	NTERNATIONAL AIRPORT, UTAH	
5. PF	ROJECT TITLE		7. PROJECT NUMBER
LIPG	RADE AIRCRA	FT MAINTENANCE COMPLEX	USEB889601
010	RADE ARREIGA	T WITH TENTH TELL COMPLEX	CDLD007001
12.	SUPPLEMEN	TAL DATA:	
a.	Estimated Des	ign Data:	
	(1) Status:		
	` '	Design Started	Sep 1998
		metric Cost Estimates used to develop costs	NO
		ent Complete as of Jan 2000	35%
		35% Designed	Sep 1999
		Design Complete	Aug 2000
		of Design Contract	Traditional
	· / • I	gy Study/Life-Cycle analysis was/will be performed	YES
	(2) Basis:		
	` '	dard or Definitive Design -	NO
		re Design Was Most Recently Used -	N/A
	(3) Total Cost	f(c) = f(a) + f(b) or $f(d) + f(e)$:	(\$000)
	(a) Prod	uction of Plans and Specifications	670
	(b) All (Other Design Costs	260
	(c) Total		930
	(d) Cont	ract	930
	(e) In-He	ouse	
	(4) Contract A	Award (Month/Year)	Mar 2001
	(5) Constructi	on Start	May 2001
	(6) Constructi	on Completion	Jun 2002
		s completion of Project Definition with Parametric Cost Enrable to traditional 35% design to ensure valid scope and	
b.	Equipment asso	ociated with this project will be provided from other appro	opriations: N/A

Point of Contact: Mr. Steven Rosner

301-836-8186

DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2001

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313: PLANNING AND DESIGN \$9,119,000

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							2.	DATE
		FY 2001 MILITARY CO			OJECT DA	ΛTA		
ANG			uter generat				14	Feb 00
3. INSTALLATION	AND	LOCATION		4. I	PROJECT	ΓITLE		
VARIOUS LOCATION	NS			PLAN.	NING ANI	D DESIG	N	
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PRO	JECT	COST(\$000)
55296F		999-999	AA	AA9999	001		\$9	,119
		9. COST	ESTIMAT	ES				
						UN	IT	COST
		ITEM		U/M	QUANTIT	Y CO	ST	(\$000)
PLANNING AND D	ESIG	N (P-313)		LS				9,119
SUBTOTAL		,						9,119
TOTAL CONTRAC	T COS	ST						9,119
TOTAL REQUEST								9,119
								ŕ

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

PROJECT: Planning and Design

<u>REQUIREMENT</u>: The ANG needs planning and design funds for projects that are to be included in future MILCON programs. The FY 2001 design funds are needed to complete the design for those projects that are to be included in the FY 2002 MILCON program and to begin the design for those projects to be included in the FY 2003 program. Funds also provide for preliminary work on some projects planned for FY 2004.

<u>CURRENT SITUATION</u>: The ANG requires the design money in FY 2001 to ensure the design milestones for the FY 2002 and FY 2003 MILCON Programs, as mandated by Department of Defense (DOD) Instruction 1225.8, are met.

<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.

DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2001

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 341: UNSPECIFIED MINOR CONSTRUCTION \$4,000,000

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 \$500,000 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 Operations and Maintenance Appropriation.

1. COMPONENT							2.	DATE
		FY 2001 MILITARY CO			OJECT DA	TΑ		
ANG			uter generat				14	Feb 00
3. INSTALLATION	AND	LOCATION		4. I	PROJECT '	ΓITLE		
VARIOUS LOCATION	ONS			UNSP	ECIFIED N	IINOR C	ONS	TRUCTION
5. PROGRAM ELEM	IENT	6. CATEGORY CODE	7. PROJE	CT NUN	IBER	8. PROJ	ECT	COST(\$000)
55296F		999-999	AA	AA9999	001		\$4	,000
		9. COST	ESTIMAT	ES				
						UNI	Т	COST
		ITEM		U/M	QUANTIT	Y COS	T	(\$000)
UNSPECIFIED MIN	IOR C	ONSTRUCTION (P-341)		LS				4,000
SUBTOTAL								4,000
TOTAL CONTRAC	T COS	ST						4,000
TOTAL REQUEST								4,000

10. Description of Proposed Construction: Provides funding for unspecified minor construction projects not otherwise authorized by law and having a funded cost between \$500,000 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

PROJECT: Unspecified Minor Construction Program

REQUIREMENT: This program provides the means of accomplishing urgent, unforeseen projects costing over \$500,000, but not exceeding \$1,500,000. The project requirements are anticipated to arise during late FY 2000 or FY 2001, 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 2001 MILCON program and the projects cannot wait for the FY 2002 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 2001

SECTION III	
FUTURE YEARS DEFENSE PLAN (FYDP)	

FISCAL YEAR LISTING

									Cost	Change from FY00 PB	
Comp	FY		Appn	Installation	State	Project Title	PE	Cat-Code	(\$000)	FYDP (\$000)	Remarks
				T===		[T	1			T
ANG	2002	F	3830	Robins AFB	GA	B-1 Operations and Training Facility	51628F	171-445	5,941	-159	
ANG	2002	F	3830	Savannah IAP	GA	Operations and Training Complex	55296F	171-445	10,000	+1,000	Moved from FY 01
ANG	2002	F	3830	Jackson	MS	C-17 Facility Conversion	54121F	141-753	16,000	+3,300	Combines Projects
ANG	2002	F	3830	Atlantic City	NJ	Communications and Security Forces Complex	55296F	131-111	4,200	+750	
											Combines Projects
ANG	2002	F	3830	Gabreski	NY	Composite Support Complex	55296F	214-425	18,000	+8,100	Moved from FY 05
ANG	2002	F	3830	Various		Planning and Design	55296F		2,909	-1,805	
ANG	2002	F	3830	Various		Unspecified Minor Construction	55296F		4,350		
						FY 2002 Total Funded Requirements			61,400		

ANG	2002	U	3830	Kulis	AK	Aircraft Corrosion Control Facility *	55296F	211-159	12,000	+1 000	Moved from FY 03
ANG	2002	U		Dothan		Relocate 280th Combat Communications Squad	55296F	171-447	11,000	,	Previously Deferred
ANG	2002	U		Fort Smith		Operations and Training Facilities	55296F	171-445	7,200	+700	
ANG	2002	U	3830	Buckley		Replace Munitions Maintenance/Storage Complex	55296F	216-642	6,000	+700	Moved from FY 05
ANG	2002	U	3830	Orange	CT	Replace Air Control Squadron Complex	55296F	171-447	12,000	+1,000	Moved from FY 03
ANG	2002	U	3830	Key Field	MS	Comm-Electronics Training Complex	55296F	171-447	6,400		
											Scope Change Previously
ANG	2002	U	3830	Charlotte	NC	Replace Supply Warehouse	55296F	442-758	6,300	+3,300	Deferred
ANG	2002	U	3830	Reno	NV	Replace Jet Fuel Storage Complex	55296F	124-135	5,000		New
ANG	2002	U	3830	Niagara	NY	Upgrade Overrun and Runway	51411F	111-115	4,100		New
											Moved from FY 05
ANG	2002	U	3830	Springfield	ОН	Power Check Pad w/Suppressor/Apron/Taxiway	55296F	116-665	10,600	+8,100	Combines Projects
ANG	2002	U	3830	Quonset	RI	Replace Aircraft Maintenance Hangar #	55296F	211-111	16,500		Moved from FY 04
ANG	2002	U	3830	Ellington	TX	Base Supply/Base Civil Engineer Complex	55296F	442-758	10,000	+1,700	Previously Deferred
ANG	2002	U	3830	Burlington	VT	Replace Aircraft Maintenance Complex	55296F	211-157	9,300	+700	Moved from FY 05
ANG	2002	U	3830	Volk Field	WI	Replace Control Tower ##	55296F	149-962	9,800		New
ANG	2002	U	3830	Yeager	WV	Upgrade Aircraft Parking Apron and Taxiway	55296F	113-321	6,000	+1,679	Moved from FY 05
	<u> </u>					FY 2002 Total Unfunded Requirements			132,200		

^{*} One of four projects directed for FY00 design by the Senate MILCON Appropriations Committee Report 106-74.

[#] MILCON Appropriations Conference Report 106-266 directed design in FY 00. Conferees were unable to fund in FY 00 due to severe financial constraints, but directed the Administration to incorporate project into the President's fiscal year 2001 budget. This project was not incorporated in the AF FY 2001 budget due to budgetary constraints.

^{##} House MILCON Appropriation Committee Report 106-221 directed the ANG to accelerate the design of this project and include the required construction funding in the President's fiscal year 2001 budget. This project was not incorporated in the AF FY 2001 budget due to budgetary constraints.

Comp	FY		Appn	Installation	State	Project Title	PE	Cat-Code	Cost (\$000)	Change from FY00 PB FYDP (\$000)	Remarks
ANG	2003	F	3830	Jackson	MS	C-17 Replace Fuel Cell and Alter Shops	54121F	211-179	21,960	+16,860	Scope Change
ANG	2003	F	3830	Various		Planning and Design	55296F		4,227	-732	
ANG	2003	F	3830	Various		Unspecified Minor Construction	55296F		4,400		
						FY 2003 Total Funded Requirements			30,587		

ANG	2003	U	3830	Sepulveda	CA	Communications and Electronics Training Facility	55296F	171-447	5,000	+800	Previously Deferred
ANG	2003	U	3830	New Castle	DE	Upgrade Aircraft Parking Apron and Taxiway	55296F	113-321	10,400	+900	Moved from FY 05
ANG	2003	J	3830	Camp Blanding	FL	Weather Training Complex	55296F	721-315	6,900		New
ANG	2003	U	3830	Hunter Fld	GA	Replace Vehicle Maintenance Facility	55296F	214-425	2,500	+100	
ANG	2003	J	3830	Robins AFB	GA	B-1 Supply & Base Engineer Complex	51628F	442-758	8,900	+700	Combines Projects
ANG	2003	J	3830	Hickam	н	Clear Water Aircraft Rinse Facility	55256F	116-672	5,800		Scope Change Moved from FY02
ANG	2003	J	3830	Boise	ID	C-130 Assault Strip	54332F	116-116	9,000		New
ANG	2003	J	3830	Boise	ID	Add/Alter Base Supply Complex	54332F	442-758	3,000		
ANG	2003	כ	3830	Fort Wayne	IN	Replace Fuel Cell and Corrosion Control Facility	55296F	211-179	7,000		New
ANG	2003	J	3830	Jefferson Proving Gro	IN	Upgrade Range Complex	55296F	179-481	1,500		New
ANG	2003	כ	3830	Forbes	KS	Replace Operations and Training Facility	55296F	141-753	9,800	+900	
ANG	2003	U	3830	Duluth	MN	Composite Aircraft Maintenance Complex	55296F	211-111	10,000		New
ANG	2003	J	3830	Minn-St Paul	MN	Composite Maintenance Complex	55296F	211-154	8,300	+1,400	
ANG	2003	כ	3830	Great Falls	MT	Expand Arm and Disarm Apron *	55296F	116-661	1,500	+50	Moved from FY 05
ANG	2003	J	3830	McGuire	NJ	Medical Training Facility (w/AFRC)	55296F	171-450	4,900	+2,000	ANG/AFRC Total Cost
ANG	2003	J	3830	Kirtland AFB	NM	Replace Security Forces Operations	55296F	730-835	1,250		New
ANG	2003	כ	3830	Reno	NV	Base Infrastructure	55296F	800-100	4,500		New
ANG	2003	J	3830	Hancock Fld	NY	Small Arms Range Training Facility	55296F	179-475	1,200		New
ANG	2003	J	3830	Schenectady	NY	Base Supply/Base Engineer Complex	55296F	442-758	8,100	+700	
ANG	2003	כ	3830	Mansfield	ОН	Replace Squad Ops/Communications Facility	55296F	141-753	7,700	-2,200	Scope Change
ANG	2003	U	3830	Toledo	OH	Replace Logistics Complex	55296F	442-758	6,900		New
ANG	2003	U	3830	Nashville	TN	Replace Aircraft Maintenance Complex - Phase I	55296F	211-111	11,000	+600	Moved from FY 05
ANG	2003	J	3830	Camp Pendleton	VA	Replace Troop Training Quarters	55296F	725-517	2,500	•	
ANG	2003	U	3830	Richmond	VA	Replace Vehicle Maintenance Complex	55296F	214-424	3,500	+700	
	-					FY 2003 Total Unfunded Requirements			141,150		

^{*} One of four projects directed for FY00 design by the Senate MILCON Appropriations Committee Report 106-74.

									Change from	
								Cost	FY00 PB	
Comp	FY	Appn	Installation	State	Project Title	PE	Cat-Code	(\$000)	FYDP (\$000)	Remarks
ANG	2004 F	3830	McConnell	KS	B-1 Power Check Pad with Sound Suppressor	51628F	116-665	1,383		New
ANG	2004 F	3830	Barnes	MA	Relocate Taxiway	55296F	112-211	4,000	+800	
ANG	2004 F	3830	Selfridge	MI	Upgrade Runway	55296F	111-111	18,000		New
ANG	2004 F	3830	Camp Shelby	MS	C-17 Shortfield Runway	54121F	116-116	9,000	+1,300	Moved from FY 03
ANG	2004 F	3830	Pease	NH	Replace Medical Training Facility (VA Joint Use)	55296F	171-450	4,000	+800	
ANG	2004 F	3830	Various		Planning and Design	55296F		4,931	+277	
ANG	2004 F	3830	Various		Unspecified Minor Construction	55296F		4,497		
					FY 2004 Total Funded Requirements			45,811		
ANG	2004 U	3830	Andersen	GU	Operations and Training Facility	55296F	171-445	3,900	+900	Previously Deferred
ANG	2004 U	3830	Des Moines	IA	Upgrade Airfield Facilities	55296F	113-321	9,200		New
ANG	2004 U	3830	Capital	IL	Composite Support Complex	55296F	722-351	9,500	+500	
ANG	2004 U	3830	New Orleans	LA	Replace Vehicle/ASE Maintenance Complex	55296F	218-712	5,200	+800	Moved from FY 02
ANG	2004 U	3830	Martin	MD	Aircraft Corrosion Control Facility	55296F	211-179	8,100		New
ANG	2004 U	3830	Bangor	ME	Upgrade Aircraft Maintenance Hangar	55296F	211-116	5,000		New
ANG	2004 U	3830	Hector	ND	Replace Weapons Release Shop *	52620F	215-552	4,500		New
ANG	2004 U	3830	Reno	NV	Base Supply and Equipment Warehouse	55296F	442-758	7,000	+1,100	Previously Deferred
ANG	2004 U	3830	Hancock Fld	NY	Upgrade Aircraft Maintenance Shops	55296F	215-552	8,700		New
ANG	2004 U	3830	Will Rogers	OK	Replace Aircraft Maintenance Complex	55296F	211-111	25,000	+5,500	
ANG	2004 U	3830	Klamath Falls	OR	Joint Composite Support Complex (w/ARNG)	55296F	171-447	9,000		
						1				
ANG	2004 U	3830	Portland	OR	Replace Joint Dining Facility (w/AFRES/ARNG)	55296F	722-351	8,200		

55296F

55296F

55296F

214-425

730-142

171-447

10,000

4,250

9,300

126,850

+600

New

+2,300 Scope Change

PA

Add/Alter Squad Ops/Support Complex

FY 2004 Total Unfunded Requirements

WY Aerial Port/Air Traffic Control Complex

TN Replace Fire Station and Security Forces Complex

Pittsburgh

McGhee Tyson

3830

3830

U 3830 Cheyenne

ANG

ANG

ANG

2004

2004

2004

^{*} One of four projects directed for FY00 design by the Senate MILCON Appropriations Committee Report 106-74.

										Change from	
Comp	FY		Annn	Installation	State	Project Title	PE	Cat-Code	Cost (\$000)	FY00 PB FYDP (\$000)	Remarks
Comp	FI		Appn	installation	State	rioject inte	FE	Cat-Code	(\$000)	FTDF (\$000)	remarks
ANG	2005	F	3830	Eielson	AK	Replace Communications/Security Forces Training Complex	55296F	131-111	8,600	+1,300	
ANG	2005	F	3830	Kulis	AK	Replace Pararescue Training Complex	55296F	141-753	9,000	+650	
ANG	2005	F	3830	Otis	MA	Upgrade Airfield Storm Water Collection & Detention System	55256F	871-183	2,000		New
ANG	2005	F	3830	W K Kellogg	MI	Replace Munitions Maintenance & Storage Complex	55296F	216-642	9,500	+700	Moved from FY 02
ANG	2005	F	3830	Harrisburg	PA	Add to Apron/Construct Taxiway	55296F	113-321	2,585	+285	
ANG	2005	F	3830	Joe Foss	SD	Replace Base Civil Engineer Maintenance Complex	55296F	219-944	4,500		New
ANG	2005	F	3830	Fairchild	WA	Logistics Support Complex	55296F	442-758	10,000	+2,200	Previously Deferred
ANG	2005	F	3830	Various	-	Planning and Design	55296F		5,039	+283	
ANG	2005	F	3830	Various		Unspecified Minor Construction	55296F		4,596		
•				•	,	FY 2005 Total Funded Requirements			55,820		

ANG	2005	U	3830	Dannelly Field	AL	Composite Operations and Training Facility	55296F	141-753	9,100		Previously Deferred Scope Change
ANG	2005	U	3830	Tucson	AZ	Composite Support Complex	55296F	610-128	7,300		New
ANG	2005	U	3830	Jacksonville	FL	F-15 Add/Alter Fuel Cell/Corrosion Control Facility	51217F	211-179	3,650	+1,250	
ANG	2005	U	3830	Hulman	IN	Weapons Release Systems Shop	55296F	215-552	3,200	+950	Previously Deferred
ANG	2005	U	3830	Forbes	KS	Replace Squadron Operations Facility	55296F	141-753	9,100	+400	Moved from FY 05
ANG	2005	U	3830	Barnes	MA	Upgrade Maintenance and Support Complex	55296F	215-552	9,000		New
ANG	2005	U	3830	Otis	MA	Replace Crash Fire Rescue Station	55296F	130-142	9,900		New
ANG	2005	U	3830	Jefferson Barracks	MO	Upgrade Communications Training Facilities	55296F	171-447	3,000		New
ANG	2005	U	3830	Rosecrans	MO	Air Traffic Control Training Complex	55296F	171-447	3,400		New
ANG	2005	U	3830	Gulfport	MS	Vehicle Maintenance Facility	55296F	218-712	3,250		New
ANG	2005	U	3830	Jackson	MS	C-17 Maintenance Training Facility	54121F	171-618	7,400		New
ANG	2005	U	3830	Jackson	MS	Expeditionary Forces Center	55296F	171-450	7,500	-1,500	
ANG	2005	U	3830	Great Falls	MT	Munitions Load Crew Training Complex	55296F	171-875	3,100		New
ANG	2005	U	3830	Rickenbacker	ОН	Replace Fire Station	55278F	130-142	4,100		New
ANG	2005	U	3830	Willow Grove	PA	Replace Composite Joint Hqs Complex (w/AFRC)	55296F	171-445	18,000		Previously Deferred ANG/AFRC Total Cost
ANG	2005	U	3830	Nashville	TN	Composite Aircraft Maintenance Complex Phase II	55296F	211-111	11,000		New
ANG	2005	U	3830	Hensley Field	TX	Upgrade Comm and Electronics Training Complex	55296F	171-447	4,150		New
ANG	2005	U	3830	Yeager	WV	Replace Base Engineer Maintenance	55296F	219-944	4,000	+500	Moved from FY 02
					<u> </u>	FY 2005 Total Unfunded Requirements			120,150		

Comp	FY	Appn	Installation	State	Project Title	PE	Cat-Code	Cost (\$000)	Change from FY00 PB FYDP (\$000)	Remarks
Projects no longer in the FYDP:										

Birmingham	AL	Replace Base Engineer Maintenance Complex			4,200	Appropriated in FY 00
Dannelly	AL	Replace Medical Training and Dining Facility			6,922	Appropriated in FY 00
Fresno	CA	Replace Operations & Training/Dining Facility			10,000	Appropriated in FY 00
Sioux City	IA	Replace Vehicle Maintenance Complex			3,600	Appropriated in FY 00
Boise	ID	A-10 Fuel Cell/Corrosion Control Facility			2,300	Appropriated in FY 00
Fort Wayne	IN	Replace Dining Hall/Medical Training Facility			6,095	Appropriated in FY 00
McConnell	KS	B -1 Aircraft Live Munitions Loading Ramp			6,900	Appropriated in FY 00
New Orleans	LA	Munitions Storage Igloo			1,350	Appropriated in FY 00
Barnes	MA	Replace Base Supply Complex			5,900	Appropriated in FY 00
Grayling	MI	Replace Range Support Facilities			4,400	Appropriated in FY 00
Selfridge	MI	Replace Crash Fire Rescue Station			7,400	Appropriated in FY 00
Rosecrans	MO	Upgrade Aircraft Parking Apron- Phase II			9,000	Appropriated in FY 00
Jackson	MS	C-17 Flight Simulator Facility			3,600	Appropriated in FY 00
Great Falls	MT	Base Supply Warehouse			1,400	Appropriated in FY 00
Pease	NH	Upgrade Aircraft Parking Apron			9,600	Appropriated in FY 00
Kirtland	NM	Composite Support Complex			9,500	Appropriated in FY 00
Hancock	NY	Comm-Elec Training/ASE Complex			8,900	Appropriated in FY 00
Mansfield	ОН	Security Forces Complex			2,700	Appropriated in FY 00
Springfield	ОН	F-16 Add/Alter Squad Ops/Flight Training			1,770	Appropriated in FY 00
Toledo	ОН	Upgrade Maintenance Complex			8,400	Appropriated in FY 00
Tulsa	OK	Replace Composite Support Complex			10,800	Appropriated in FY 00
Johnstown	PA	Air Traffic Control Training Facility			4,600	Appropriated in FY 00
McEntire	SC	Replace Control Tower & ASE Facility			7,700	Appropriated in FY 00
McGhee Tyson	TN	Aircraft Hydrant Refueling System			9,500	Appropriated in FY 00
Kelly	TX	Replace Vehicle/ASE Maintenance Complex			3,000	Appropriated in FY 00
Kelly	TX	F-16 Add/Alter Squad Ops/Flight Training			3,400	Appropriated in FY 00
Salt Lake City	UT	Composite Ops and Training/Squad Ops Complex			10,400	Appropriated in FY 00
Fairchild	WA	Replace Composite Support Complex			9,800	Appropriated in FY 00
Robins	GA	B-1 Base Engineer Maintenance Complex			3,200	Combined
Robins	GA	B-1 Vehicle Maintenance Complex			2,100	Combined
Jackson	MS	C-17 Upgrade Aeromedical Evacuation Facility			600	Combined
Gabreski	NY	Replace Composite Support Complex			9,900	Combined
McGuire	NJ	Replace Base Civil Engineer/Security Forces Complex	55296F	219-944	5,600	Deferred
March	CA	Upgrade Aircraft Hangar and Shops	51411F	211-152	4,800	Deferred
Stanly County	NC	Relocate Comm/Electronics Training Facility	55296F	171-447	4,300	Deferred

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2001

	SECTION III	

FUTURE YEARS DEFENSE PLAN (FYDP)

STATE/INSTALLATION LISTING

		I								Change from	
									Cost	FY00 PB	
Comp	FY		Appn	Installation	State	Project Title	PE	Cat-Code	(\$000)	FYDP (\$000)	lemarks
ANG	2005	F	2020	Fieless	A 1/2	Dealers Communications/Commits Forest Training Commits		104 444	0.000	.4.200	
ANG	2005	-	3830	Eielson	AK	Replace Communications/Security Forces Training Complex	55296F	131-111	8,600	+1,300	Noved from FY 03
ANG	2002	U F	3830	Kulis	AK AK	Aircraft Corrosion Control Facility *	55296F	211-159	12,000	,	loved from FY 03
ANG	2005	Г	3830	Kulis	AK	Replace Pararescue Training Complex	55296F	141-753	9,000	+650	
										F	reviously Deferred
ANG	2005	U	3830	Dannelly Field	AL	Composite Operations and Training Facility	55296F	141-753	9,100		cope Change
ANG	2002	U	3830	Dothan	AL	Relocate 280th Combat Communications Squad	55296F	171-447	11,000		Previously Deferred
						·			,	·	•
ANG	2002	U	3830	Fort Smith	AR	Operations and Training Facilities	55296F	171-445	7,200	+700	
_											
ANG	2005	U	3830	Tucson	AZ	Composite Support Complex	55296F	610-128	7,300	N	lew
ANG	2003	U	3830	Sepulveda	CA	Communications and Electronics Training Facility	55296F	171-447	5,000	+800 F	reviously Deferred
ANO	2000	0	3030	Осратусца	OA	Communications and Electronics Training Facility	332301	111 441	3,000	1000 1	Toviously Bolotica
ANG	2002	U	3830	Buckley	СО	Replace Munitions Maintenance/Storage Complex	55296F	216-642	6,000	+700 N	Noved from FY 05
				•							
ANG	2002	U	3830	Orange	CT	Replace Air Control Squadron Complex	55296F	171-447	12,000	+1,000 N	Noved from FY 03
ANG	2003	U	3830	New Castle	DE	Upgrade Aircraft Parking Apron and Taxiway	55296F	113-321	10,400	+900 N	Noved from FY 05
ANG	2003	U	3830	Camp Blanding	FL	Weather Training Complex	55296F	721-315	6,900		lew
ANG	2005	U	3830	Jacksonville	FL	F-15 Add/Alter Fuel Cell/Corrosion Control Facility	51217F	211-179	3,650	+1,250	icw
ANO	2003		3030	Jackson vinc		1 10 Add/Aiter 1 der Octil/Oortosion Oortron aciinty	312171	211 175	3,000	11,200	
ANG	2003	U	3830	Hunter Fld	GA	Replace Vehicle Maintenance Facility	55296F	214-425	2,500	+100	
ANG	2002	F	3830	Robins AFB	GA	B-1 Operations and Training Facility	51628F	171-445	5,941	-159	
ANG	2003	U	3830	Robins AFB		B-1 Supply & Base Engineer Complex	51628F	442-758	8,900	+700 C	Combines Projects
ANG	2002	F	3830	Savannah IAP	GA	Operations and Training Complex	55296F	171-445	10,000	+1,000 N	Noved from FY 01
ANG	2004	U	3830	Andersen	GU	Operations and Training Facility	55296F	171-445	3,900	+900 F	reviously Deferred
						01 111 11 11 11 11		440.070	5.000		Scope Change
ANG	2003	U	3830	Hickam	HI	Clear Water Aircraft Rinse Facility	55256F	116-672	5,800	+4,600 N	Moved from FY02
ANG	2004	U	3830	Des Moines	IA	Upgrade Airfield Facilities	55296F	113-321	9,200	N	lew
ANG	2004	-	3030	Des Mones	IA	Opgrade Arrield Facilities	332301	113-321	9,200	<u>'</u>	iow
ANG	2003	U	3830	Boise	ID	C-130 Assault Strip	54332F	116-116	9,000	N	lew
ANG	2003	U	3830	Boise	ID	Add/Alter Base Supply Complex	54332F	442-758	3,000		
ANG	2004	U	3830	Capital	IL	Composite Support Complex	55296F	722-351	9,500	+500	
ANG	2003	U	3830	Fort Wayne	IN	Replace Fuel Cell and Corrosion Control Facility	55296F	211-179	7,000		lew
ANG	2005	U	3830	Hulman	IN	Weapons Release Systems Shop	55296F	215-552	3,200		reviously Deferred
ANG	2003	U	3830	Jefferson Proving Gro	IN	Upgrade Range Complex	55296F	179-481	1,500	N	lew

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										Change from
			_						Cost	FY00 PB
Comp	FY		Appn	Installation	State	Project Title	PE	Cat-Code	(\$000)	FYDP (\$000) Remarks
F										
ANG	2003	U	3830	Forbes	KS	Replace Operations and Training Facility	55296F	141-753	9,800	+900
ANG	2005	U	3830	Forbes	KS	Replace Squadron Operations Facility	55296F	141-753	9,100	+400 Moved from FY 05
ANG	2004	F	3830	McConnell	KS	B-1 Power Check Pad with Sound Suppressor	51628F	116-665	1,383	New
ANG	2004	U	3830	New Orleans	LA	Danlara Vahinla /ACE Maintanana Camplan	55296F	040.740	F 200	+800 Moved from FY 02
ANG	2004	U	3830	New Orleans	LA	Replace Vehicle/ASE Maintenance Complex	55296F	218-712	5,200	+800 Moved from FY 02
ANG	2004	F	3830	Barnes	MA	Relocate Taxiway	55296F	112-211	4,000	+800
ANG	2005	Ü	3830	Barnes	MA	Upgrade Maintenance and Support Complex	55296F	215-552	9,000	New
ANG	2005	F	3830	Otis	MA	Upgrade Airfield Storm Water Collection & Detention System	55256F	871-183	2,000	New
ANG	2005	U	3830	Otis	MA	Replace Crash Fire Rescue Station	55296F	130-142	9,900	New
ANG	2003		3630	Olis	IVIA	Replace Clasii File Rescue Station	33290F	130-142	9,900	IVEW
ANG	2004	U	3830	Martin	MD	Aircraft Corrosion Control Facility	55296F	211-179	8,100	New
						· · · · · · · · · · · · · · · · · · ·				
ANG	2004	U	3830	Bangor	ME	Upgrade Aircraft Maintenance Hangar	55296F	211-116	5,000	New
ANG	2004	F	3830	Selfridge	MI	Upgrade Runway	55296F	111-111	18,000	New
ANG	2005	F	3830	W K Kellogg	MI	Replace Munitions Maintenance & Storage Complex	55296F	216-642	9,500	+700 Moved from FY 02
						· · · · · · · · · · · · · · · · · · ·				
ANG	2003	U	3830	Duluth	MN	Composite Aircraft Maintenance Complex	55296F	211-111	10,000	New
ANG	2003	U	3830	Minn-St Paul	MN	Composite Maintenance Complex	55296F	211-154	8,300	+1,400
ANG	2005	U	3830	Jefferson Barracks	MO	Upgrade Communications Training Facilities	55296F	171-447	3,000	New
ANG	2005	U	3830	Rosecrans	MO	Air Traffic Control Training Complex	55296F	171-447	3,400	New
ANG	2004	F	3830	Camp Shelby	MS	C-17 Shortfield Runway	54121F	116-116	9,000	+1,300 Moved from FY 03
ANG	2005	U	3830	Gulfport	MS	Vehicle Maintenance Facility	55296F	218-712	3,250	New
ANG	2002	F	3830	Jackson	MS	C-17 Facility Conversion	54121F	141-753	16,000	+3,300 Combines Projects
ANG	2003	F	3830	Jackson	MS	C-17 Replace Fuel Cell and Alter Shops	54121F	211-179	21,960	+16,860 Scope Change
ANG	2005	U	3830	Jackson	MS	C-17 Maintenance Training Facility	54121F	171-618	7,400	New
ANG	2005	U	3830	Jackson	MS	Expeditionary Forces Center	55296F	171-450	7,500	-1,500
ANG	2002	U	3830	Key Field	MS	Comm-Electronics Training Complex	55296F	171-447	6,400	
ANG	2003	U	3830	Great Falls	MT	Expand Arm and Disarm Apron *	55296F	116-661	1,500	+50 Moved from FY 05
ANG	2005	U	3830	Great Falls	MT	Munitions Load Crew Training Complex	55296F	171-875	3,100	New
				0			=====		0.5	Scope Change Previously
ANG	2002	U	3830	Charlotte	NC	Replace Supply Warehouse	55296F	442-758	6,300	+3,300 Deferred
ANC	2004	U	2020	Heater	ND	Panlaca Waanana Palacaa Chan *	FOCOOL	045 550	4.500	New
ANG	2004	U	3830	Hector	ND	Replace Weapons Release Shop *	52620F	215-552	4,500	New
ANG	2004	F	3830	Pease	NH	Replace Medical Training Facility (VA Joint Use)	55296F	171-450	4.000	+800
ANG	2004		3030	1 5035	INFI	neplace Medical Halling Facility (VA Joint USE)	33230F	17 1-450	4,000	TOUU

				1					1	
										Change from
									Cost	FY00 PB
Comp	FY		Appn	Installation	State	Project Title	PE	Cat-Code	(\$000)	FYDP (\$000) Remarks
ANO	0000		0000	Attack's O't	N	Our and a first and the said. France Our also	550005	404 444	1.000	+750
ANG	2002	F	3830	Atlantic City	NJ	Communications and Security Forces Complex	55296F	131-111	4,200	
ANG	2003	U	3830	McGuire	NJ	Medical Training Facility (w/AFRC)	55296F	171-450	4,900	+2,000 ANG/AFRC Total Cost
ANG	2003	U	3830	Kirtland AFB	NM	Replace Security Forces Operations	55296F	730-835	1,250	New
									.,	*
ANG	2002	U	3830	Reno	NV	Replace Jet Fuel Storage Complex	55296F	124-135	5,000	New
ANG	2003	U	3830	Reno	NV	Base Infrastructure	55296F	800-100	4,500	New
ANG	2004	U	3830	Reno	NV	Base Supply and Equipment Warehouse	55296F	442-758	7,000	+1,100 Previously Deferred
ANG	2002	F	3830	Gabreski	NY	Composite Support Complex	55296F	214-425	18,000	Combines Projects +8,100 Moved from FY 05
ANG	2003	U	3830	Hancock Fld	NY	Small Arms Range Training Facility	55296F	179-475	1,200	New
ANG	2003	U	3830	Hancock Fld	NY	Upgrade Aircraft Maintenance Shops	55296F	215-552	8,700	New
ANG	2004	U	3830	Niagara	NY	Upgrade Overrun and Runway	51411F	111-115	4,100	New
ANG	2002	U	3830	Schenectady	NY	Base Supply/Base Engineer Complex	55296F	442-758	8,100	+700
ANG	2003	U	3030	Scrienectady	INT	base Supply/Base Engineer Complex	55290F	442-750	8,100	+700
ANG	2003	U	3830	Mansfield	ОН	Replace Squad Ops/Communications Facility	55296F	141-753	7,700	-2,200 Scope Change
ANG	2005	U	3830	Rickenbacker	ОН	Replace Fire Station	55278F	130-142	4,100	New
						4			,	Moved from FY 05
ANG	2002	U	3830	Springfield	ОН	Power Check Pad w/Suppressor/Apron/Taxiway	55296F	116-665	10,600	+8,100 Combines Projects
ANG	2003	U	3830	Toledo	ОН	Replace Logistics Complex	55296F	442-758	6,900	New
ANG	2004	U	3830	Will Rogers	OK	Replace Aircraft Maintenance Complex	55296F	211-111	25,000	+5,500
ANG	2004	U	3830	Klamath Falls	OR	Joint Composite Support Complex (w/ARNG)	55296F	171-447	9,000	
ANG	2004	Ü	3830	Portland	OR	Replace Joint Dining Facility (w/AFRES/ARNG)	55296F	722-351	8,200	
7	200.		0000	1 Orticand	<u> </u>	Tropidos sonit Brining Fasinity (With Tree Print 10)	00200.		0,200	
ANG	2005	F	3830	Harrisburg	PA	Add to Apron/Construct Taxiway	55296F	113-321	2,585	+285
ANG	2004	U	3830	Pittsburgh	PA	Add/Alter Squad Ops/Support Complex	55296F	214-425	10,000	+600
										Previously Deferred
ANG	2005	U	3830	Willow Grove	PA	Replace Composite Joint Hqs Complex (w/AFRC)	55296F	171-445	18,000	+8,900 ANG/AFRC Total Cost
0144	2000		2020	Quenest	D!	Danlage Aircraft Maintenance Hong #	FFOOCE	244 444	40.500	Moved from EV 04
ANG	2002	U	3830	Quonset	RI	Replace Aircraft Maintenance Hangar #	55296F	211-111	16,500	Moved from FY 04
ANG	2005	F	3830	Joe Foss	SD	Replace Base Civil Engineer Maintenance Complex	55296F	219-944	4,500	New
73		•	0000				002001		.,500	
ANG	2004	U	3830	McGhee Tyson	TN	Replace Fire Station and Security Forces Complex	55296F	730-142	4,250	New
ANG	2003	U	3830	Nashville	TN	Replace Aircraft Maintenance Complex - Phase I	55296F	211-111	11,000	+600 Moved from FY 05
ANG	2005	U	3830	Nashville	TN	Composite Aircraft Maintenance Complex Phase II	55296F	211-111	11,000	New
ANG	2002	U	3830	Ellington	TX	Base Supply/Base Civil Engineer Complex	55296F	442-758	10,000	+1,700 Previously Deferred
ANG	2005	U	3830	Hensley Field	TX	Upgrade Comm and Electronics Training Complex	55296F	171-447	4,150	New

ANG MILCON FYDP Date: 14 Feb 00

Comp	FY		Appn	Installation	State	Project Title	PE	Cat-Code	Cost (\$000)	Change from FY00 PB FYDP (\$000)	Remarks
Comp	• • •		дррп	mstanation	Otate	i Tojest Title	1 '-	oat-oode	(4000)	1151 (\$000)	
ANG	2003	U	3830	Camp Pendleton	VA	Replace Troop Training Quarters	55296F	725-517	2,500		
ANG	2003	U	3830	Richmond	VA	Replace Vehicle Maintenance Complex	55296F	214-424	3,500	+700	
ANG	2002	U	3830	Burlington	VT	Replace Aircraft Maintenance Complex	55296F	211-157	9,300	+700	Moved from FY 05
ANG	2005	F	3830	Fairchild	WA	Logistics Support Complex	55296F	442-758	10,000	+2,200	Previously Deferred
ANG	2002	U	3830	Volk Field	WI	Replace Control Tower ##	55296F	149-962	9,800		New
ANG	2002	U	3830	Yeager	WV	Upgrade Aircraft Parking Apron and Taxiway	55296F	113-321	6,000	+1,679	Moved from FY 05
ANG	2005	U	3830	Yeager	WV	Replace Base Engineer Maintenance	55296F	219-944	4,000	+500	Moved from FY 02
ANG	2004	U	3830	Cheyenne	WY	Aerial Port/Air Traffic Control Complex	55296F	171-447	9,300	+2,300	Scope Change

^{*} One of four projects directed for FY00 design by the Senate MILCON Appropriations Committee Report 106-74.

[#] MILCON Appropriations Conference Report 106-266 directed design in FY 00. Conferees were unable to fund in FY 00 due to severe financial constraints, but directed the Administration to incorporate project into the President's fiscal year 2001 budget. This project was not incorporated in the AF FY 2001 budget due to budgetary constraints.

^{##} House MILCON Appropriation Committee Report 106-221 directed the ANG to accelerate the design of this project and include the required construction funding in the President's fiscal year 2001 budget. This project was not incorporated in the AF FY 2001 budget due to budgetary constraints.