FY 2001 BUDGET ESTIMATES

AIR NATIONAL GUARD



FY 2001 MILITARY CONSTRUCTION PROGRAM

APPROPRIATION 3830

JUSTIFICATION DATA SUBMITTED TO CONGRESS FEBRUARY 2000

DISTRIBUTION STATEMENT A

Approved for Public Release Distribution Unlimited

20000313 112

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

TABLE OF CONTENTS

SUMMARY PROJECT LIST	i
NEW MISSION/CURRENT MISSION EXHIBIT	ii
SECTION I - BUDGET APPENDIX EXTRACT	
Appropriations Language	a-i
Special Program Considerations	a-ii - a-iii
SECTION II - INSTALLATION AND PROJECT JUSTIFICATION DATA	
DD Forms 1390 and 1391	b-1 - b-33
SECTION III - FUTURE YEARS DEFENSE PLAN (FYDP)	
Fiscal Year Listing	c-1 - c-5
State/Installation Listing	c-6 – c-9

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	13,119	
	GRAND TOTAL	50,179	

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.

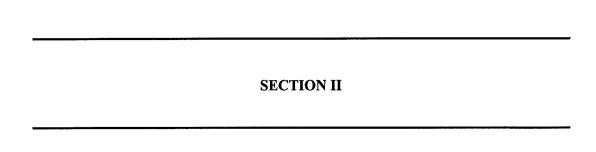
Potential Use of Vacant Schools and Other State and Local Facilities

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



INSTALLATIONS AND PROJECT JUSTIFICATION DATA

1. COMPONENT ANG		ARD AND RESER		2. DATE 14 Feb 0	
3. INSTALLATIO	4. AREA	CONSTR			
FORT SMITH MU		85			
	AND TYPE OF UTILIZATION assemblies per month, 15 days and	nual field training p	er vear. dailv ı	use by technician/	AGR force
	sed year round by other units for t		o. y ou., uuy .		10111010
6 OTHER ACTIV	/E/GUARD/RESERVE INSTAL	I ATIONS WITHIN	N 15 MII FS R	ADIUS	
	al Guard Armories and one Air N			ADIOS	
	QUESTED IN THIS PROGRAM	I: FY 2001			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST \$(000)	<u>DESIGN STA</u> <u>START CN</u>	
				,	
179-511 Regi	onal Fire Training Facility	LS	1,760	Aug 99 M	ar 00
:					
	EVE FORCES FACILITIES BOA Construction Approved	RD RECOMMEN	DATION	21 Oct 98	
				(Date)	
9. LAND ACQUI	SITION REQUIRED			None (Number of Ac	res)
	LANNED IN NEXT FOUR YEA	RS		(1100000101110	
CATEGORY CODE	PROJECT TITLE			SCOPE	COST \$(000)
171-445 Oper	ations and Training Facilities			10,709 SM	7,200
RPM	Backlog: \$8,077,000				

Previous editions may be used.

Page No. b-1

DD FORM 1390s, 1 DEC 76

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

		PER	RMANENT		G1	UARD/RESI	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	<u>TOTAL</u>	OFFICER	ENLISTED
AUTHORIZED	290	8	282	0	977	95	882
ACTUAL	285	8	277	0	941	93	848

12. RESERVE UNIT DATA

	STRE	NGTH
UNIT DESIGNATION	AUTHORIZED	<u>ACTUAL</u>
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	30	31
TOTALS	977	941

13. MAJOR EQUIPMENT AND AIRCRAFT

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

1. COMPONENT							2.	DATE
		FY 2001 MILITARY CO	NSTRUCTION	ON PR	OJECT DA	TA		
ANG		(comp	uter generate	d)			14	Feb 00
3. INSTALLATION	AND	LOCATION	_	4. I	PROJECT T	TITLE		
1			1					
FORT SMITH MUNI	CIPA	L AIRPORT, ARKANSAS	S	REGIO	NAL FIRE	ETRAINI	NG:	FACILITY
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	T NUN	/IBER	8. PROJE	ECT	COST(\$000)
55256F		179-511	HKF	RZ9795	68		\$1,	,760
	9. COST ESTIMATES							
			.,,			UNI	Γ	COST
		ITEM		U/M	QUANTITY	cos'	<u>T_</u>	(\$000)
REGIONAL FIRE T	RAIN	ING FACILITY	-	LS				1,200
SUPPORTING FAC	ILITII	ES						460
-		CATIONS SUPPORT		LS				(120)
PAVEMENTS/AC				LS				(200)
SITE IMPROVEN				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	/DOID	ADED)						1,760
TOTAL REQUEST	(ROU	NDED)						1,760
				1	1	i		1

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. REOUIREMENT: 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

1. COMPONENT			2. DATE
I. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DA	ТА	2. DATE
ANG	(computer generated)		14 Feb 00
3. INSTALLATION			
FORT SMITH MUNI	CIPAL AIRPORT, ARKANSAS		
5. PROJECT TITLE		7. PROJE	ECT NUMBER
REGIONAL FIRE TR	AINING FACILITY	H	KRZ979568
	eal-world incident. Lack of training opportunities and hig	ther opera	ating cost will
continue.	he ANG has 85 firefighting units that require fire fighter to	ainina I	t is not
	ble to construct fire training pits at each of these locations.		
consolidate the train	ning at eight regional locations and jointly utilize active du	ity Air Fo	orce and Air
Force Reserve train	ing facilities. This project meets the criteria/scope specifi	ed in AF	Handbook
32-1084, "Facility l	Requirements."		
			İ

1. C	OMPONENT	EV 2001 MILITARY CONCERNICATION PROJECT DA	2. DATE				
İ	ANG	FY 2001 MILITARY CONSTRUCTION PROJECT DA (computer generated)	14 Feb 00				
3. It		AND LOCATION	1110000				
FOR	FORT SMITH REGIONAL AIRPORT, ARKANSAS						
5. PF	ROJECT TITLE		7. PROJECT NUMBER				
REG	REGIONAL FIRE TRAINING FACILITY HKRZ979568						
12.	12. SUPPLEMENTAL DATA:						
a.	Estimated Des	sign Data:					
ĺ	(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	Mar 2000				
		of Design Contract	Traditional				
		gy Study/Life-Cycle analysis was/will be performed	NO				
	(2) Basis:						
	(a) Stand	dard or Definitive Design -	YES				
		re Design Was Most Recently Used -	Alpena, MI				
	` ,		• ,				
	(3) Total Cost	f(c) = f(a) + f(b) or (d) + f(e):	(\$000)				
	(a) Prod	uction of Plans and Specifications	100				
	(b) All (Other Design Costs	40				
	(c) Total		140				
	(d) Cont		140				
	(e) In-He		·				
	(4) Contract A	Award (Month/Year)	Mar 2001				
	(5) Constructi	on Start	May 2001				
	(6) Constructi	on Completion	Dec 2001				
		s completion of Project Definition with Parametric Cost E arable 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				
Poin		Ir. Stanley Chan					
	30	01-836-8168					

FY 2001 GUA	ARD AND RESERVE	3	2. DA	ATE
	CONSTRUCTION		14 Fe	
				REA CONSTR DST INDEX
				.79
	ual field training per	voor doily no	a by tachnici	an/AGD force
semones per month, 13 days ann	dai neid danning per	year, dany us	e by technici	all/AGIC lolec
E/GUARD/RESERVE INSTALI Installation Squadron.	ATIONS WITHIN 1	5 MILES RA	DIUS	
UESTED IN THIS PROGRAM	: FY 2001			· · · · · · · · · · · · · · · · · · ·
PROJECT TITLE	<u>SCOPE</u>	COST <u>\$(000)</u>	DESIGN START	
funitions Maintenance and ning Complex	3,115 SM	8,500	Aug 99	Jul 00
/E FORCES FACILITIES BOAI onstruction Approved	RD RECOMMENDA	TION	30 Jun 9	
TION REQUIRED			None	
I ION KEOUIKED				
			(Number of	
ANNED IN NEXT FOUR YEAR	RS		(Number of	
	RS		(Number of SCOPE	Acres) COST
ANNED IN NEXT FOUR YEAR				COST \$(000)
ANNED IN NEXT FOUR YEAR PROJECT TITLE perations and Training Facility			<u>SCOPE</u> 3,289 SM	COST \$(000)
ANNED IN NEXT FOUR YEAR PROJECT TITLE perations and Training Facility upply and Base Engineer Comple			<u>SCOPE</u> 3,289 SM	COST \$(000)
ANNED IN NEXT FOUR YEAR PROJECT TITLE perations and Training Facility upply and Base Engineer Comple			<u>SCOPE</u> 3,289 SM	COST \$(000)
ANNED IN NEXT FOUR YEAR PROJECT TITLE perations and Training Facility upply and Base Engineer Comple			<u>SCOPE</u> 3,289 SM	COST \$(000)
	NAND LOCATION CE BASE, GEORGIA ND TYPE OF UTILIZATION semblies per month, 15 days ann sembli	NAND LOCATION CE BASE, GEORGIA ND TYPE OF UTILIZATION semblies per month, 15 days annual field training per E/GUARD/RESERVE INSTALLATIONS WITHIN 1 installation Squadron. PROJECT TITLE SCOPE funitions Maintenance and 3,115 SM ning Complex //E FORCES FACILITIES BOARD RECOMMENDA onstruction Approved	CE BASE, GEORGIA IND TYPE OF UTILIZATION semblies per month, 15 days annual field training per year, daily us E/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RAINSTALLATIONS WITHIN 15 MILES	A AND LOCATION CE BASE, GEORGIA ND TYPE OF UTILIZATION semblies per month, 15 days annual field training per year, daily use by technici E/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS Installation Squadron. OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN PROJECT TITLE SCOPE \$(000) START Cunitions Maintenance and 3,115 SM 8,500 Aug 99 Ining Complex OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN PROJECT TITLE SCOPE \$(000) START Cunitions Maintenance and 3,115 SM 8,500 Aug 99 Ining Complex OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN START CUNITIONS WITHIN 15 MILES RADIUS OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN START CUNITIONS WITHIN 15 MILES RADIUS OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN START CUNITIONS WITHIN 15 MILES RADIUS OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN START CUNITIONS WITHIN 15 MILES RADIUS OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN START CUNITIONS WITHIN 15 MILES RADIUS OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN START CUNITIONS WITHIN 15 MILES RADIUS OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN START CUNITIONS WITHIN 15 MILES RADIUS OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN START CUNITIONS WITHIN 15 MILES RADIUS OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN START CUNITIONS WITHIN 15 MILES RADIUS OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN START CUNITIONS WITHIN 15 MILES RADIUS OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN START CUNITIONS WITHIN 15 MILES RADIUS OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN OUESTED IN THIS PROGRAM: FY 2001 COST DESIGN O

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			GUARD/RESERVE			
	TOTAL	OFFICER	ENLISTED	<u>CIVILIAN</u>	TOTAL	OFFICER	ENLISTED
AUTHORIZED	641	84	557	0	1,135	136	999
ACTUAL	540	70	470	0	978	131	847

12. RESERVE UNIT DATA

	STRE	NGTH
UNIT DESIGNATION	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>	69
TOTALS	1,135	978

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	<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			OJECT DA	.TA		
ANG			uter generate	:d)			14	Feb 00
3. INSTALLATION	AND	LOCATION		4. I	PROJECT	ITLE		
							ENA	NCE AND
ROBINS AIR FORCE	E BAS	E, GEORGIA		TRAIN	VING COM	IPLEX		
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	T NUN	/IBER	8. PROJ	ECT	COST(\$000)
								Ì
51628F		171-875	UHI	HZ9696	520		\$8	,500
		9. COST	ESTIMATE	ES	,			
		***************************************		T		UNI	T	COST
		ITEM		U/M	QUANITI	Y COS	T	(\$000)
MUNITIONS MAIN	ITEN/	NCE AND TRAINING O	COMPLEX	SM	3,115			3,887
MUNITIONS BU	ILD-U	P AREA		SM	1,115	1,37	8	(1,536)
MUNITIONS TR.	AININ	G AND ADMINISTRAT	ION AREA	SM	1,070	1,02	3	(1,095)
MUNITIONS MA	INTE	NANCE AND INSPECTION	ON AREA	SM	335	1,37	8	(462)
MUNITIONS STO	ORAG	E IGLOOS		SM	595	1,33	5	(794)
SUPPORTING FAC	ILITII	ES						4,122
UTILITIES SUPP	ORT			LS				(836)
DEMOLITION/A	SBEST	TOS REMOVAL		LS				(406)
UPGRADE ROAI				LM	2,438	38	7	(944)
		S AND PARKING AREAS	S	LS				(572)
		SUPPORT/SECURITY		LS				(572)
	ON/S	ITE IMPROVEMENTS/M	IITIGATION	I LS				(792)
SUBTOTAL								8,009
TOTAL CONTRAC					8,009			
SUPERVISION, INS					481			
TOTAL REQUEST					8,490			
TOTAL REQUEST			0.00.					8,500
EQUIPMENT FROM	и ОТН	IER APPROPRIATIONS	(NON-ADD)				(100)
1				I .		1		1

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. REQUIREMENT: 4,725 SM ADEQUATE: 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 DA'	TA
ANG	(computer generated)	14 Feb 00
3. INSTALLATION	AND LOCATION	
ROBINS AIR FORCE	E BASE, GEORGIA	
5. PROJECT TITLE		7. PROJECT NUMBER

B-1 MUNITIONS MAINTENANCE 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

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DA	2. DATE
ANG	(computer generated)	14 Feb 00
3. INSTALLATION	AND LOCATION	
ROBINS AIR FORC	E BASE, GEORGIA	
5. PROJECT TITLE		7. PROJECT NUMBER
B-1 MUNITIONS M	AINTENANCE AND TRAINING COMPLEX	UHHZ969620
12. SUPPLEMEN	NTAL DATA:	
a. Estimated De	sign Data:	
(1) Status:		
` '	e Design Started	Aug 1999
	ametric Cost Estimates used to develop costs	NO
	cent Complete as of Jan 2000	35%
	e 35% Designed	Jan 2000
	e Design Complete	Jul 2000
	e of Design Contract	Traditional
	rgy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		310
	idard or Definitive Design -	NO
(b) Whe	ere Design Was Most Recently Used -	N/A
(3) Total Cos	st(c) = (a) + (b) or (d) + (e):	(\$000)
	luction of Plans and Specifications	555
	Other Design Costs	215
(c) Tota		770
(d) Con		770 770
(a) Con (e) In-H		110
(c) III-11	ouse	
(4) Contract	Award (Month/Year)	Apr 2001
(5) Construct	ion Start	Jun 2001
(6) Construct	tion Completion	Jul 2002
	es completion of Project Definition with Parametric Cost E parable to traditional 35% design to ensure valid scope and	
b. Equipment ass	sociated with this project will be provided from other appro	opriations: N/A
Point of Contact: N	Mr. Steve Rider	
	301-836-8083	

1. COMPONENT	EV 2001 GTIA	RD AND RESER	/F	2. DAT	TF.	
1. COMPONENT		CONSTRUCTION		14 Feb		
3. INSTALLATION AND LOCATION 4. AREA CONSCIPENT OF THE CONSTINUES.						
SCOTT AIR FORC	CE BASE, ILLINOIS				1.16	
5. FREQUENCY A	AND TYPE OF UTILIZATION					
	ssemblies per month, 15 days ann	ual field training pe	er year, daily use	by technician	/AGR force	
and for training.						
6 OTHER ACTIV	E/GUARD/RESERVE INSTALL	ATIONS WITHIN	15 MILES RAI	DIUS		
Charles Melvin Pric	ce Support Center, USAR, Granite					
	SAR, Wood River IL					
USAR, Belleville II	Ĺ					
7 DDOIECTS DEC	QUESTED IN THIS PROGRAM:	FV 2001				
CATEGORY	SOFOTED IN THIS LYCOLAM!	1 2001	COST	DESIGN ST	TATUS	
CODE	PROJECT TITLE	SCOPE	\$(000)	START C		
171-212 KC-13	35E Flight Training Facility	418 SM	1,500	Jan 2000 (Oct 2000	
	VE FORCES FACILITIES BOAI	RD RECOMMEND	DATION			
Unilateral C	onstruction Approved			N/A		
O TAND ACOUS				14/7		
	ITION PEOLIPED			None		
9. LAND ACQUIS	SITION REQUIRED			None (Number of A	.cres)	
	SITION REQUIRED ANNED IN NEXT FOUR YEAR	RS		None (Number of A	cres)	
10. PROJECTS PL	ANNED IN NEXT FOUR YEAR	RS		(Number of A	COST	
10. PROJECTS PL		RS				
10. PROJECTS PL CATEGORY CODE	ANNED IN NEXT FOUR YEAR	RS		(Number of A	COST	
10. PROJECTS PL CATEGORY	ANNED IN NEXT FOUR YEAR	RS		(Number of A	COST	
10. PROJECTS PL CATEGORY CODE	ANNED IN NEXT FOUR YEAR	RS		(Number of A	COST	
10. PROJECTS PL CATEGORY CODE	ANNED IN NEXT FOUR YEAR	RS		(Number of A	COST	
10. PROJECTS PL CATEGORY CODE None	ANNED IN NEXT FOUR YEAR	RS		(Number of A	COST	
10. PROJECTS PL CATEGORY CODE None	ANNED IN NEXT FOUR YEAR PROJECT TITLE	RS		(Number of A	COST	
10. PROJECTS PL CATEGORY CODE None	ANNED IN NEXT FOUR YEAR PROJECT TITLE	RS		(Number of A	COST	
10. PROJECTS PL CATEGORY CODE None	ANNED IN NEXT FOUR YEAR PROJECT TITLE	RS		(Number of A	COST	
10. PROJECTS PL CATEGORY CODE None	ANNED IN NEXT FOUR YEAR PROJECT TITLE	RS		(Number of A	COST	
10. PROJECTS PL CATEGORY CODE None	ANNED IN NEXT FOUR YEAR PROJECT TITLE	RS		(Number of A	COST	
10. PROJECTS PL CATEGORY CODE None	ANNED IN NEXT FOUR YEAR PROJECT TITLE	RS		(Number of A	COST	
10. PROJECTS PL CATEGORY CODE None	ANNED IN NEXT FOUR YEAR PROJECT TITLE	RS		(Number of A	COST	
10. PROJECTS PL CATEGORY CODE None	ANNED IN NEXT FOUR YEAR PROJECT TITLE	RS		(Number of A	COST	
10. PROJECTS PL CATEGORY CODE None	ANNED IN NEXT FOUR YEAR PROJECT TITLE	RS		(Number of A	COST	
10. PROJECTS PL CATEGORY CODE None	ANNED IN NEXT FOUR YEAR PROJECT TITLE	RS		(Number of A	COST	

1. COMPONENT	`			D AND RESE		2. DATE	
ANG			MILITARY C	ONSTRUCTIO	ON	14 Feb 00)
3. INSTALLATIO	ON AND L	OCATION					
SCOTT AIR FOR							
11. PERSONNEI	STRENG	TH AS OF					
		PER	RMANENT		GUA	ARD/RESERV	E
	TOTAL		ENLISTED	CIVILIAN		OFFICER EN	
AUTHORIZED	285	39	246	0	882	117	765
ACTUAL	260	38	222	0	644	93	551
12. RESERVE U	NIT DAT					 	
IZ. KESEKVE U	MII DAIA	1					
						RENGTH	
	ESIGNATI	<u>ON</u>			AUTHORIZED	<u>ACTU</u>	
108 ARE 126 ARE					77 59	65 44	
126 CES					95	63	
126 MXS					151	87	
126 MSF	'				30	24	
126 LS					111	74	
126 SFS 126 SVF					72 27	61 13	
126 CF					42	40	
\ 126 MDS	S				47	47	
126 LSF					25	18	
126 AGS					90	77	
126 OSF 126 STU					26 8	16 0	
126 SPT					5	3	
126 LG					11	7	
126 OG					<u>6</u>	5	
			TOTALS	S	882	644	
12 14 100 501	UDMENTE	AND ADO	ATT				
13. MAJOR EQU	IPMENT.	AND AIRCE	(AF I				
	TYPE			AUTH	HORIZED A	ASSIGNED	
KC-135E Aircraft					10	11	
Support Equipmen					105	104	
Vehicle Equivaler	its				168	170	

T. COLONIA							_	DATE
1. COMPONENT		FY 2001 MILITARY CONSTRUCTION PROJECT DATA					2.	DATE
1270					JIECT DA	IA	14	Feb 00
ANG	l		uter generat				14	160 00
3. INSTALLATION	AND	LOCATION		4. I	PROJECT T	TITLE		
SCOTT AIR FORCE				KC-13	5E FLIGH			FACILITY
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJE	CT NUN	1BER	8. PROJI	ECT	COST(\$000)
51411F		171-212	VD	YD9890	75		\$1,	500
		9. COST	ESTIMAT	ES				
						UNI	T	COST
		ITEM		U/M	QUANTIT	y cos	T	(\$000)
KC 135E FLIGHT T	RAIN	ING FACILITY		SM	418	2,53	0	1,058
SUPPORTING FAC								355
PAVEMENTS				LS				(75)
UTILITIES				LS				(125)
SITE IMPROVEN	MENT	S		LS				(75)
COMMUNICATI	ON SU	JPPORT		LS				(80)
SUBTOTAL						İ		1,413
TOTAL CONTRACT COST					•	1		1,413
SUPERVISION, INSPECTION AND OVERHEAD (6%)								<u>85</u>
TOTAL REQUEST			. ,					1,498
TOTAL REQUEST	(ROU	NDED)						1,500
·	`	•			ļ			

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.

IMPACT IF NOT PROVIDED: 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

1. COMPONENT	DV 2001 MU TO A DAY CONSTRUICTION DD OIFOT DA	2. DATE
ANG	FY 2001 MILITARY CONSTRUCTION PROJECT DA (computer generated)	14 Feb 00
3. INSTALLATION		
SCOTT AIR FORCE	E BASE, ILLINOIS	
5. PROJECT TITLE		7. PROJECT NUMBER
VO 125E ELICUT	CD ATMINIO E A CH ITY	VDVD000075
KC-135E FLIGHT	TRAINING FACILITY	VDYD989075
12. SUPPLEME	NTAL DATA:	
a. Estimated De	esign Data:	
(1) Status:		
	e Design Started	Jan 2000
	ametric Cost Estimates used to develop costs	NO
	cent Complete as of Jan 2000	6%
	e 35% Designed	Mar 2000
	e Design Complete	Oct 2000
	e of Design Contract	Traditional
(g) Ene	ergy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
	ndard or Definitive Design -	NO
	ere Design Was Most Recently Used -	N/A
(3) Total Co.	st $(c) = (a) + (b)$ or $(d) + (e)$:	(\$000)
	duction of Plans and Specifications	100
	Other Design Costs	40
(c) Total		140
(d) Cor		140
(e) In-F		140
, ,	Award (Month/Year)	May 2001
(4) Contract	Awaru (Month Tear)	Way 2001
(5) Construc	tion Start	Jul 2001
(6) Construc	tion Completion	Mar 2002
	es completion of Project Definition with Parametric Cost E parable to traditional 35% design to ensure valid scope and	
b. Equipment as	sociated with this project will be provided from other appro	opriations: N/A
Point of Contact:	Maj Ruger	
	301-836-8233	

					·					
1. COMPONENT		RD AND RESERV CONSTRUCTION			ATE					
ANG 3. INSTALLATION		eb 00 REA CONSTR								
3. INSTALLATION	N AND LOCATION				OST INDEX					
ALPENA COUNTY	Y REGIONAL AIRPORT, MICHI	GAN		1 -	1.17					
5 FREQUENCY A	AND TYPE OF UTILIZATION									
Year-round operation	Year-round operational training of Air National Guard units, other Reserve components, and Active military									
units.	C									
		A CONTO MARCHINA	16 MILEO D	ADILIO						
	6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS									
One Army National	Guard Armory.									
7. PROJECTS REC	QUESTED IN THIS PROGRAM:	FY 2001								
CATEGORY			COST		STATUS					
CODE	PROJECT TITLE	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	CMPL					
	o 1m	2.045.034	4.500	A ~ 00	Mar. 00					
	ce Operations and Training	2,045 SM	4,500	Aug 99	May 00					
Cor	mplex									
8. STATE RESER	VE FORCES FACILITIES BOAR	D RECOMMEND	ATION							
	VE FORCES FACILITIES BOAR construction Approved	D RECOMMEND	ATION	17 Mar						
Unilateral C	onstruction Approved	D RECOMMEND	ATION	(Date	:)					
Unilateral C		D RECOMMEND	ATION	(Date	e) ne					
Unilateral C 9. LAND ACQUIS	SITION REQUIRED		ATION	(Date	e) ne					
9. LAND ACQUIS 10. PROJECTS PL	onstruction Approved		ATION	(Date	e) ne of Acres)					
9. LAND ACQUIS 10. PROJECTS PL CATEGORY	Construction Approved SITION REQUIRED ANNED IN NEXT FOUR YEAR		ATION	(Date Nor (Number o	e) ne of Acres) COST					
9. LAND ACQUIS 10. PROJECTS PL	SITION REQUIRED		ATION	(Date	e) ne of Acres)					
9. LAND ACQUIS 10. PROJECTS PL CATEGORY CODE	Construction Approved SITION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE		ATION	(Date Nor (Number o	e) ne of Acres) COST					
9. LAND ACQUIS 10. PROJECTS PL CATEGORY	Construction Approved SITION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE		ATION	(Date Nor (Number o	e) ne of Acres) COST					
9. LAND ACQUIS 10. PROJECTS PL CATEGORY CODE	Construction Approved SITION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE		ATION	(Date Nor (Number o	e) ne of Acres) COST					
9. LAND ACQUIS 10. PROJECTS PL CATEGORY CODE None	construction Approved SITION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE		ATION	(Date Nor (Number o	e) ne of Acres) COST					
9. LAND ACQUIS 10. PROJECTS PL CATEGORY CODE None	Construction Approved SITION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE		ATION	(Date Nor (Number o	e) ne of Acres) COST					
9. LAND ACQUIS 10. PROJECTS PL CATEGORY CODE None	construction Approved SITION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE		ATION	(Date Nor (Number o	e) ne of Acres) COST					
9. LAND ACQUIS 10. PROJECTS PL CATEGORY CODE None	construction Approved SITION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE		ATION	(Date Nor (Number o	e) ne of Acres) COST					
9. LAND ACQUIS 10. PROJECTS PL CATEGORY CODE None	construction Approved SITION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE		ATION	(Date Nor (Number o	e) ne of Acres) COST					
9. LAND ACQUIS 10. PROJECTS PL CATEGORY CODE None	construction Approved SITION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE		ATION	(Date Nor (Number o	e) ne of Acres) COST					
9. LAND ACQUIS 10. PROJECTS PL CATEGORY CODE None	construction Approved SITION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE		ATION	(Date Nor (Number o	e) ne of Acres) COST					
9. LAND ACQUIS 10. PROJECTS PL CATEGORY CODE None	construction Approved SITION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE		ATION	(Date Nor (Number o	e) ne of Acres) COST					
9. LAND ACQUIS 10. PROJECTS PL CATEGORY CODE None	construction Approved SITION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE		ATION	(Date Nor (Number o	e) ne of Acres) COST					
9. LAND ACQUIS 10. PROJECTS PL CATEGORY CODE None	construction Approved SITION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE		ATION	(Date Nor (Number o	e) ne of Acres) COST					
9. LAND ACQUIS 10. PROJECTS PL CATEGORY CODE None	construction Approved SITION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE		ATION	(Date Nor (Number o	e) ne of Acres) COST					

1. COMPONENT			001 GUARD A				2. DATE	
ANG 3. INSTALLATIO	N AND LO		LITARY CON	STRUCTION	1		14 Feb 00	
3. INSTALLATIO	N AND LO	CATION						
ALPENA COUNT				N				
11. PERSONNEL	STRENGTI	H AS OF 28	Aug 99					
		PERM	IANENT				/RESERVE	
			NLISTED C				CER ENL	
AUTHORIZED ACTUAL	116 84	11 8	105 76	0 0	(18		0 2	0 16
METONE	0.	Ü	, ,	v	- `		_	
12. RESERVE UN	IIT DATA							
						STREN	GTH	
<u>UNIT DE</u>	<u>SIGNATIOI</u>	<u>N</u>			AUTHORIZ		<u>ACTUA</u>	<u>L</u>
CRTC Co	mbat Readir	ness Training	Center TOTALS		$\frac{116}{116}$		<u>84</u> 84	
			IUIALS		110		04	
					•			
13. MAJOR EQU	IPMENT A	ND AIRCRA	.FT					
Т	YPE			AUTHO	ORIZED	<u>ASSI</u>	GNED	
Support Equipmen	t				201		196	
Vehicle Equivalent	ts				542	:	542	

1. COMPONENT							2.	DATE
	FY 2001 MILITARY CONSTRUCTION PROJECT DATA							
ANG			uter generat				14	Feb 00
3. INSTALLATION	AND	LOCATION			PROJECT T			
				REPLA	ACE OPER	ATIONS	ANI	O TRAINING
ALPENA COUNTY	REGIO	ONAL AIRPORT, MICHI	GAN	COMP	LEX			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PROJE	ECT	COST(\$000)
55296F		171-445	TD	VG0011	.55		\$4,	500
		9. COST	ESTIMAT	ES				
						UNI	Γ	COST
		ITEM		U/M	QUANTITY	r Cos	T	(\$000)
REPLACE OPERAT	ΓΙΟΝS	AND TRAINING COMP	LEX	SM	2,045			3,742
DEPLOYED SQU	JADR	ON OPERATIONS AREA		SM	1,115	1,83	0	(2,040)
CRTC COMMAN	ID ST.	AFF AREA		SM	465	1,830	0	(851)
ASSEMBLY HAI	LL			SM	465	1,83	0	(851)
SUPPORTING FAC	ILITII	ES						496
UTILITIES/COM	MUN	CATIONS SUPPORT		LS				(80)
PAVEMENTS				LS				(240)
SITE IMPROVEN	MENT	S		LS				(75)
DEMOLITION/A	SBES'	TOS REMOVAL		SM	932	10	8	<u>(101)</u>
SUBTOTAL								4,238
TOTAL CONTRACT COST				ı		<u> </u>		4,238
SUPERVISION, INSPECTION AND OVERHEAD (6%)								<u>254</u>
TOTAL REQUEST				1	1			4,492
TOTAL REQUEST	(ROU	NDED)]			4,500
]					}	1		

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).

REQUIREMENT: 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
ANG	FY 2001 MILITARY CONST (computer)		MA	14 Feb 00
3. INSTALLATION		generated)		1 14 1 60 00
	REGIONAL AIRPORT, MICHIGAN			
5. PROJECT TITLE			7. PROJ	ECT NUMBER
REDIACE OPERATI	ONS AND TRAINING COMPLEX		т	DVG001155
safety violations are	a primary concern since none of	the facilities have suffi		
systems. Additiona	lly, there is insufficient space to a	ccommodate latrines fo	r both m	ale and female
crew members.				
	<u>PROVIDED</u> : The combustible nat			
any fire protection a	and the structural integrity pose a	real possibility for loss	of this sti	ucture. The loss
	e associated facilities, and the equuct of deployed military training a			
	ect crew proficiency and disrupt t			
	cilities will negatively impact mo			
National Guard unit	•			
	pon completion of this project, the			
	219 (142 SM), 302 (75 SM), 304			
	of 932 SM. An economic analystomprehensive repair, leasing, and			
	d benefits of the respective alternative			
	is project. Anti-terrorism/force pr			
is no threat so the n	ninimum standards have been appl	lied. This project and a	ssociated	demolition
comply with the lor	ig-range master plan.			
DEPLOYED SOUAL	DRON OPERATIONS AREA:	1,115 SM = 12,002 SF		
CRTC COMMAND		465 SM = 5,005 SF		
ASSEMBLY HALL:		465 SM = 5,005 SF		

1. C	OMPONENT		2. DATE								
	ANG	FY 2001 MILITARY CONSTRUCTION PROJECT DA	14 Feb 00								
3 IN		(computer generated) AND LOCATION	141000								
]	D. M. C. M. M. M. M. M. M. M. M. M. M. M. M. M.										
ALP.	ALPENA COUNTY REGIONAL AIRPORT, MICHIGAN										
5. PR	5. PROJECT TITLE 7. PROJECT NUMBER										
DED.	REPLACE OPERATIONS AND TRAINING COMPLEX TDVG001155										
KEP.	LACE OPERATI	IONS AND TRAINING COMPLEX	1D/0001133								
12.	SUPPLEMEN	ITAL DATA:									
a.	Estimated Des	sign Data:									
	(1) Status:										
		Design Started	Aug 1999								
	(b) Para	metric Cost Estimates used to develop costs	NO								
	*(c) Perc	ent Complete as of Jan 2000	35%								
		e 35% Designed	Jan 2000								
		Design Complete	May 2000								
		e of Design Contract	Traditional								
	(g) Ener	rgy Study/Life-Cycle analysis was/will be performed	YES								
	(0) D :										
	(2) Basis:	1 1 D. Caldian Danian	NO								
		dard or Definitive Design -	N/A								
ļ	(b) Whe	ere Design Was Most Recently Used -	IV/A								
	(3) Total Cos	t(c) = (a) + (b) or (d) + (e):	(\$000)								
ļ		luction of Plans and Specifications	290								
		Other Design Costs	110								
	(c) Tota		400								
	(d) Con		400								
	(e) In-H										
1	(c) III-11	louse .									
	(4) Contract	Award (Month/Year)	Jun 2001								
	(5) Construct	ion Start	Sep 2001								
	(6) Construct	tion Completion	Jun 2002								
	* Indicate is comp	es completion of Project Definition with Parametric Cost I parable to traditional 35% design to ensure valid scope and	Estimate which I cost and executability.								
ь.	Equipment ass	sociated with this project will be provided from other appr	opriations: N/A								
Poi		Mr. John Loehle									
	3	301-836-8076									

1. COMPONENT	FY 2001 GUA	RD AND RESERV	E	2. DAT	E
ANG	1	CONSTRUCTION	_	14 Feb (
3. INSTALLATIO	N AND LOCATION			COST	CONSTR
JACKSON INTER	NATIONAL AIRPORT, MISSIS	SIPPI			.87
5. FREQUENCY	AND TYPE OF UTILIZATION				
Four unit training a	assemblies per month, 15 days ann	ual field training per	year, daily u	se by technician/	AGR force
and for training.					
6 OTHER ACTIV	VE/GUARD/RESERVE INSTALI	ATIONS WITHIN	15 MILES R	ADIUS	
Five Army Nation	al Guard Armories, one United Sta	ites Army Facility, or	ne Naval Res	serve Facility, and	d one
Armed Forces Indi					
	QUESTED IN THIS PROGRAM	: FY 2001			
CATEGORY		77000	COST	DESIGN ST	
CODE	PROJECT TITLE	SCOPE	<u>\$(000)</u>	START C	MPL
211-159 C-17	Corrosion Control Hangar	4,051 SM	10,500	Aug 99 Se	ер 00
	2	,	•	Ū	•
-	RVE FORCES FACILITIES BOA	RD RECOMMENDA	ATION	03 Dec 98	
Unitateral C	Construction Approved			(Date)	
O LAND ACOLI	SITION REQUIRED		Mar -	None	
. LAND ACCO	SITIONALQUINED			(Number of A	
10. PROJECTS P	LANNED IN NEXT FOUR YEAR	RS			cres)
CATEGORY					
CODE				GGORFI	COS
	PROJECT TITLE			SCOPE	COS
141 752 0 15					COS \$(00
	Facility Conversion	o c		14,716 SM	COS \$(00
211-179 C-17	Facility Conversion Replace Fuel Cell and Alter Shop	os		14,716 SM 10,414 SM	COS \$(00 16,00 21,96
211-179 C-17 171-618 C-17	Facility Conversion Replace Fuel Cell and Alter Shop Maintenance Training Facility	os		14,716 SM 10,414 SM 2,899 SM	COS \$(00 16,00 21,96 7,40
211-179 C-17 171-618 C-17	Facility Conversion Replace Fuel Cell and Alter Shop	os		14,716 SM 10,414 SM	COS \$(00 16,00 21,96 7,40
211-179 C-17 171-618 C-17	Facility Conversion Replace Fuel Cell and Alter Shop Maintenance Training Facility	os		14,716 SM 10,414 SM 2,899 SM	COS \$(00
211-179 C-17 171-618 C-17 171-450 Expe	Facility Conversion Replace Fuel Cell and Alter Shop Maintenance Training Facility Editionary Forces Center	os		14,716 SM 10,414 SM 2,899 SM	COS \$(00 16,00 21,96 7,40
211-179 C-17 171-618 C-17 171-450 Expe	Facility Conversion Replace Fuel Cell and Alter Shop Maintenance Training Facility	os		14,716 SM 10,414 SM 2,899 SM	COS \$(00 16,00 21,96 7,40
211-179 C-17 171-618 C-17 171-450 Expe	Facility Conversion Replace Fuel Cell and Alter Shop Maintenance Training Facility Editionary Forces Center	os		14,716 SM 10,414 SM 2,899 SM	COS \$(00 16,00 21,96 7,40
211-179 C-17 171-618 C-17 171-450 Expe	Facility Conversion Replace Fuel Cell and Alter Shop Maintenance Training Facility Editionary Forces Center	os		14,716 SM 10,414 SM 2,899 SM	COS \$(00 16,00 21,96 7,40
211-179 C-17 171-618 C-17 171-450 Expe	Facility Conversion Replace Fuel Cell and Alter Shop Maintenance Training Facility Editionary Forces Center	os		14,716 SM 10,414 SM 2,899 SM	COS \$(00 16,00 21,96 7,40
211-179 C-17 171-618 C-17 171-450 Expe	Facility Conversion Replace Fuel Cell and Alter Shop Maintenance Training Facility Editionary Forces Center	os		14,716 SM 10,414 SM 2,899 SM	COS \$(00 16,00 21,96 7,40
211-179 C-17 171-618 C-17 171-450 Expe	Facility Conversion Replace Fuel Cell and Alter Shop Maintenance Training Facility Editionary Forces Center	os		14,716 SM 10,414 SM 2,899 SM	COS \$(00 16,00 21,96 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				GUARD/RES	ERVE	
		TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTA	L OFFICER	ENLISTED
AUTHOR	IZED	328	20	308	0	1,13	7 147	990
ACTUAL		263	17	246	0	1,09	7 142	955

12. RESERVE UNIT DATA

	STRI	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

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

							,	
 COMPONENT 							2.	DATE
		FY 2001 MILITARY CO	NSTRUCTION	ON PR	OJECT DA	ΛTA		
ANG		(comp	uter generate	ed)			14	Feb 00
3. INSTALLATION	AND	LOCATION		4. I	ROJECT	FITLE		
			- 1	C-17 C	ORROSIC	N CONT	ROL	./
JACKSON INTERNA	ATION	IAL AIRPORT, MISSISS	IPPI	MAIN	TENANCE	E HANGA	R	
5. PROGRAM ELEM	IENT	6. CATEGORY CODE	7. PROJEC	T NUN	/IBER	8. PROJ	ECT	COST(\$000)
								` ,
54121F		211-159	LRX	Q9695	23		\$10	,500
		9. COST	ESTIMATE	ES				
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Ī		UNI	Т	COST
		ITEM		U/M	QUANTIT			(\$000)
C-17 CORROSION	CONT	ROL HANGAR		SM	4,051			7,118
		GAR BAY AREA		SM	3,679	1,75	5	(6,457)
CORROSION CO				SM	372			(661)
SUPPORTING FAC	ILITII	ES						2,792
		S AND PAVEMENTS		LS				(740)
FIRE PROTECTION	ON			LS				(450)
DEMOLITION/A	SBES'	TOS REMOVAL		LS		ŀ		(125)
COMMUNICATI	ONS S	SUPPORT		LS				(77)
UTILITIES				LS				(700)
PILE FOUNDAT				LS				(300)
ENVIRONMENT	AL C	ONTROLS/VENTILATIO	N	LS		1		(_400)
SUBTOTAL								9,910
TOTAL CONTRACT COST								9,910
SUPERVISION, INSPECTION AND OVERHEAD (6%)								595
TOTAL REQUEST								10,505
TOTAL REQUEST	(ROU	NDED)						10,500
l .				I	1	1		l

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 DAT	
ANG	(computer generated)	14 Feb 00
3. INSTALLATION	AND LOCATION	
JACKSON INTERNA	ATIONAL AIRPORT, MISSISSIPPI	
5. PROJECT TITLE		7. PROJECT NUMBER
C-17 CORROSION C	ONTROL/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: CORROSION CONTROL SHOP AREA:

3,679 SM = 39,600 SF372 SM = 4,000 SF

1. C	OMPONENT	2. DATE								
	ANG	14 Feb 00								
3. II	ANG (computer generated) 14 Feb 00 3. INSTALLATION AND LOCATION									
JACKSON INTERNATIONAL AIRPORT, MISSISSIPPI										
	5. PROJECT TITLE 7. PROJECT NUMBER									
$\Big _{C_{-17}}$	C-17 CORROSION CONTROL HANGAR LRXQ969523									
<u> </u>	COMICE STORY	OTTINO BILLIO III								
12.	SUPPLEMEN	ITAL DATA:								
a.	Estimated Des	sign Data:								
	(1) Status:									
	(a) Date	Design Started	Aug 1999							
		metric Cost Estimates used to develop costs	N							
		ent Complete as of Jan 2000	35%							
	` '	235% Designed	Jan 2000							
1		Design Complete	Sep 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 Cost	t(c) = (a) + (b) or (d) + (e):	(\$000)							
		luction of Plans and Specifications	685							
		Other Design Costs	265							
	(c) Tota		950							
	(d) Cont		950							
	(e) In-H									
	(4) Contract A	Award (Month/Year)	Apr 2001							
	(5) Construct	ion Start	Jun 2001							
	(6) Construct	ion Completion	Sep 2002							
		s completion of Project Definition with Parametric Cost E arable to traditional 35% design to ensure valid scope and								
b.	Equipment asse	ociated with this project will be provided from other appro	opriations: N/A							
Poi	nt of Contact: N	Ar Steve Rider								
		01-836-8083								
1										

1. COMPONENT	FY 2001 GUARI	AND RESERV	E	2. D	ATE					
ANG	14 F	eb 00								
3. INSTALLATIO		REA CONSTR								
J. INSTALLATIC	1	OST INDEX								
	SALT LAKE CITY INTERNATIONAL AIRPORT, UTAH 1.03									
5. FREQUENCY	AND TYPE OF UTILIZATION									
	training assemblies per month, 15 day	s annual field tra	ining per vea	r, daily use b	v					
	orce and for training.		<i>8</i>	, ,						
lecinician/AGR ic	nee and for training.									
6 OTHER ACTIV	VE/GUARD/RESERVE INSTALLAT	TONS WITHIN	15 MILES R	ADIUS						
	s Corps Reserve, one Army Reserve a									
One Navai/Marine	s Colps Reserve, one Almy Reserve a	ilu two Ailily 14	itional Guaru	Omo.						
7 DROJECTE DE	COLLECTED IN THIS DDOCD AM. E	V 2001								
	QUESTED IN THIS PROGRAM: F	1 2001	a o a m	DEGLOV	COT A TOTAL CO					
CATEGORY			COST		STATUS					
CODE	PROJECT TITLE	<u>SCOPE</u>	<u>\$(000)</u>	STAR7	CMPL					
217-712 Upgi	rade Aircraft Maintenance Complex	10,294 SM	10,300	Sep 98	Aug 00					
Zir-riz Opg	rade / merant maniconance Complex	10,271 5111	10,500	обр зо	riug oo					
			A TOO V							
	RVE FORCES FACILITIES BOARD	RECOMMEND	ATION							
	RVE FORCES FACILITIES BOARD Construction Approved	RECOMMEND	ATION	12 May	, 99					
		RECOMMEND	ATION	12 May (Date						
Unilateral (Construction Approved	RECOMMEND	ATION	(Date	:)					
Unilateral (RECOMMEND	ATION	(Date	e) ne					
Unilateral (Construction Approved SITION REQUIRED	RECOMMEND	ATION	(Date	e) ne					
9. LAND ACQUI	Construction Approved	RECOMMEND	ATION	(Date	ne f Acres)					
Unilateral (Construction Approved SITION REQUIRED	RECOMMEND	ATION	(Date	e) ne					
9. LAND ACQUI 10. PROJECTS P CATEGORY	Construction Approved SITION REQUIRED LANNED IN NEXT FOUR YEARS	RECOMMEND	ATION	(Date	ne f Acres)					
9. LAND ACQUI	Construction Approved SITION REQUIRED	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE	Construction Approved SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY	Construction Approved SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE	Construction Approved SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE	Construction Approved SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE	Construction Approved SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE None	SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE None	Construction Approved SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE None	SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE None	SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE None	SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE None	SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE None	SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE None	SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE None	SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE None	SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE None	SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE None	SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE None	SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE None	SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					
9. LAND ACQUI 10. PROJECTS P CATEGORY CODE None	SITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	RECOMMEND	ATION	(Date Nor (Number o	e) ne f Acres) COST					

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/RESERVE			
	TOTAL OFFICER ENLISTED CIVILIAN				TOT	AL	OFFICER	ENLISTED
AUTHORIZED	410	39	371	0	1,4	1 58	170	1,288
ACTUAL	410	39	371	0	1,4	116	187	1,229

12. RESERVE UNIT DATA

	<u>STRENGTH</u>		
UNIT DESIGNATION	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	25	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	
	FY 2001 MILITARY CONSTRUCTION PROJECT DATA								
ANG	1 · · · · · · · · · · · · · · · · · · ·					14	Feb 00		
3. INSTALLATION	AND :	LOCATION		4. I	ROJECT T	TITLE			
				UPGR	UPGRADE AIRCRAFT MAINTENANCE				
SALT LAKE CITY II	NTER	NATIONAL AIRPORT, U	JTAH	COMP	LEX				
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PROJI	ECT	COST(\$000)	
55296F		217-712	US	EB8896	01		\$10),300	
		9. COST	ESTIMATI	ES					
						UNI	T	COST	
		ITEM		U/M	QUANTIT	Y COS	T	(\$000)	
AIRCRAFT MAINT	ENAI	NCE COMPLEX		SM	10,294			8,665	
ADD TO AIRCRA	AFT G	ENERAL PURPOSE SHO	OPS	SM	3,567		5	(4,869)	
UPGRADE FUEL	-			SM	2,369		-	(1,125)	
		ATIONAL MAINTENAN		SM	1,728	1		(918)	
		GENERATION HANGA	R	SM	2,258		-	(1,073)	
		ENERATION HANGAR		SM	372	1,82	7	(680)	
SUPPORTING FAC								1,052	
		VICATIONS SUPPORT		LS				(370)	
PAVEMENTS/SIT		:		LS			_	(340)	
DEMOLITION/ASBESTOS REMOVAL				SM	1,799	19	0	(342)	
SUBTOTAL CONTRA OF COST								9,717	
TOTAL CONTRACT COST								9,717	
SUPERVISION, INSPECTION AND OVERHEAD (6%)								<u>583</u>	
TOTAL REQUEST TOTAL REQUEST (ROUNDED)								10,300 10,300	
TOTAL REQUEST	(ROUI	NUCUJ						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).

REOUIREMENT: 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 II	NTERNATIONAL AIRPORT, UTAH		
5. PROJECT TITLE		7. PROJEC	CT NUMBER
UPGRADE AIRCRA	FT MAINTENANCE COMPLEX	USI	EB889601

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

FY 2001 MILITARY CONSTRUCTION PROJECT DATA ANG (computer generated) 14 Feb 00 3. INSTALLATION AND LOCATION SALT LAKE CITY INTERNATIONAL AIRPORT, UTAH 5. PROJECT TITLE 7. PROJECT NUMBER UPGRADE AIRCRAFT MAINTENANCE COMPLEX USEB889601	·	a morthig	1	I A DATE
ANG (computer generated) 3. INSTALLATION AND LOCATION SALT LAKE CITY INTERNATIONAL AIRPORT, UTAH 5. PROJECT TITLE UPGRADE AIRCRAFT MAINTENANCE COMPLEX 12. SUPPLEMENTAL DATA: a. Estimated Design Data: (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs (b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of Jan 2000 (d) Type of Design Complete (e) Date Design Complete (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (a) Total Cost (c) = (a) + (b) or (d) + (e): (b) Where Design Was Most Recently Used - (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) (5) Construction Start May 2001 (6) Construction Completion Jun 2002 * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. b. Equipment associated with this project will be provided from other appropriations: N/A Point of Contact: Mr. Steven Rosner	1. CC)MPONEN I	FY 2001 MILITARY CONSTRUCTION PROJECT DA	ATA 2. DATE
SALT LAKE CITY INTERNATIONAL AIRPORT, UTAH 5. PROJECT TITLE UPGRADE AIRCRAFT MAINTENANCE COMPLEX 12. SUPPLEMENTAL DATA: a. Estimated Design Data: (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of Jan 2000 (d) Date Design Complete (e) Date Design Complete (f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (c) Total Cost (c) = (a) + (b) or (d) + (e): (d) Contract (e) In-House (4) Contract Award (Month/Year) * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. Point of Contact: Mr. Steven Rosner			(computer generated)	
5. PROJECT TITLE UPGRADE AIRCRAFT MAINTENANCE COMPLEX 12. SUPPLEMENTAL DATA: a. Estimated Design Data: (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of Jan 2000 (d) Parametric Cost Estimates used to develop costs (e) Date Design Complete (f) Type of Design Complete (g) Energy Study/Life-Cycle analysis was/will be performed (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (c) Where Design Was Most Recently Used - (d) Production of Plans and Specifications (e) Protal (f) Total (g) Production of Plans and Specifications (g) Production of Plans and Specifications (g) Production of Plans and Specifications (g) Production of Plans and Specifications (g) Production of Plans and Specifications (g) Production of Plans and Specifications (g) Production of Plans and Specifications (g) Production of Plans and Specifications (g) Production of Plans and Specifications (g) Production of Plans and Specifications (g) Production of Plans and Specifications (g) Production of Plans and Specifications (g) Production of Plans and Specifications (g) Production of Plans and Specifications (g) Production of Plans and Specifications (g) Production of Plans and Specifications (g) Production of Plans and Specifications (g) Production of Plans and Specifications (h) All Other Design Costs (g) Production of Plans and Specifications (h) All Other Design Costs (h) All Other D	3. IN	STALLATION	AND LOCATION	
UPGRADE AIRCRAFT MAINTENANCE COMPLEX a. Estimated Design Data: (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs NO *(c) Percent Complete as of Jan 2000 35% *(d) Date 35% Designed Sep 1999 (e) Date Design Complete Aug 2000 (f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) **Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. **Depoint of Contact: Mr. Steven Rosner*	SALT	LAKE CITY I	NTERNATIONAL AIRPORT, UTAH	
a. Estimated Design Data: (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of Jan 2000 (d) Date 35% Designed (e) Date Design Complete (f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (c) Total Cost (c) = (a) + (b) or (d) + (e): (d) Total Cost (c) = (a) + (b) or (d) + (e): (e) Total (f) Contract (g) In-House (g) Construction Start (g) Mar 2001 (h) Contract Award (Month/Year) (h) All Other Design Costs (h) All Other Design Costs (h) All Other Design Costs (h) All Other Design Costs (h) All Other Design Costs (h) In-House (h) Contract Award (Month/Year) (h) Construction Start (h) Construction Start (h) Construction Start (h) Construction Completion * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. * Design Contact: Mr. Steven Rosner	5. PR	OJECT TITLE		7. PROJECT NUMBER
a. Estimated Design Data: (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs NO *(c) Percent Complete as of Jan 2000 35% *(d) Date 35% Designed Sep 1999 (e) Date Design Complete Aug 2000 (f) Type of Design Contract Traditional (g) Energy Study/Life-Cycle analysis was/will be performed YES (2) Basis: (a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. Point of Contact: Mr. Steven Rosner	UPGR	RADE AIRCRA	FT MAINTENANCE COMPLEX	USEB889601
a. Estimated Design Data: (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs NO *(c) Percent Complete as of Jan 2000 35% *(d) Date 35% Designed Sep 1999 (e) Date Design Complete Aug 2000 (f) Type of Design Contract Traditional (g) Energy Study/Life-Cycle analysis was/will be performed YES (2) Basis: (a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. Point of Contact: Mr. Steven Rosner				
(1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of Jan 2000 (d) Date 35% Designed (e) Date Design Complete (f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (hup degree and continual and the performed (hup degree analysis was/will be performed (hup degree analysis was/will be performed (hup degree and continual and the performed (hup degree analysis was/will be performed (hup degree analysis was/will be performed (hup degree analysis was/will be performed (hup degree analysis was/will be performed (hup degree analysis was/will be performed (hup degree analysis was/will be performed (hup degree analysis analysis was/will be performed (hup degree analysis a	12.	SUPPLEMEN	ITAL DATA:	
(a) Date Design Started (b) Parametric Cost Estimates used to develop costs NO *(c) Percent Complete as of Jan 2000 35% *(d) Date 35% Designed Sep 1999 (e) Date Design Complete Aug 2000 (f) Type of Design Contract Traditional (g) Energy Study/Life-Cycle analysis was/will be performed YES (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) * Indicates completion * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. * Point of Contact: Mr. Steven Rosner	a.	Estimated Des	sign Data:	
(b) Parametric Cost Estimates used to develop costs *(c) Percent Complete as of Jan 2000 *(c) Percent Complete as of Jan 2000 (d) Date 35% Designed (e) Date Design Complete Aug 2000 (f) Type of Design Contract Traditional (g) Energy Study/Life-Cycle analysis was/will be performed YES (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. Point of Contact: Mr. Steven Rosner		(1) Status:		
*(c) Percent Complete as of Jan 2000 *(d) Date 35% Designed (e) Date Design Complete (f) Type of Design Contract (f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) (5) Construction Start * May 2001 (6) Construction Completion * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. * Point of Contact: Mr. Steven Rosner				
*(d) Date 35% Designed (e) Date Design Complete (f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed *(d) Traditional (g) Energy Study/Life-Cycle analysis was/will be performed *(e) Energy Study/Life-Cycle analysis was/will be performed *(f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed *(g) Energy Study/Life-Cycle analysis was/will be performed *(e) Energy Study/Life-Cycle analysis was/will be performed *(g) Energy Study/Life-Cycle *(g) Energy Study/Life-Cycle *(g) Energy Study/Life-Cycle *(g) Energy Study/Life-Cycle *(g) Energy Study/Life-Cycle *(g) Energy Study/Life-Cycle *(g) Energy Study/Life-Cycle *(g) Energy Study/Life-Cycle *(g) Energy Study/Life-Cycle *(g) Energy Study/Life-Cycle *(g) Energy Study/Life-Cycle *(g) Energy		` '	•	
(e) Date Design Complete (f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis was/will be performed (g) Energy Study/Life-Cycle analysis analysis was/will be performed (g) Energy Study/Life-Cycle analysis analysi				
(f) Type of Design Contract (g) Energy Study/Life-Cycle analysis was/will be performed YES (2) Basis: (a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications 670 (b) All Other Design Costs 260 (c) Total 930 (d) Contract 930 (e) In-House (4) Contract Award (Month/Year) Mar 2001 (5) Construction Start May 2001 (6) Construction Completion Jun 2002 * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. b. Equipment associated with this project will be provided from other appropriations: N/A				
(g) Energy Study/Life-Cycle analysis was/will be performed (2) Basis: (a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications 670 (b) All Other Design Costs 260 (c) Total 930 (d) Contract 930 (e) In-House (4) Contract Award (Month/Year) Mar 2001 (5) Construction Start May 2001 (6) Construction Completion Jun 2002 * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. b. Equipment associated with this project will be provided from other appropriations: N/A				
(2) Basis: (a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications 670 (b) All Other Design Costs 260 (c) Total 930 (d) Contract 930 (e) In-House (4) Contract Award (Month/Year) Mar 2001 (5) Construction Start May 2001 (6) Construction Completion Jun 2002 * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. b. Equipment associated with this project will be provided from other appropriations: N/A				
(a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) (5) Construction Start May 2001 (6) Construction Completion * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. b. Equipment associated with this project will be provided from other appropriations: N/A Point of Contact: Mr. Steven Rosner			B) 5444), 210 - 0, 010 mm, join mm, in 10 pm,	
(b) Where Design Was Most Recently Used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications 670 (b) All Other Design Costs 260 (c) Total 930 (d) Contract 930 (e) In-House (4) Contract Award (Month/Year) Mar 2001 (5) Construction Start May 2001 (6) Construction Completion Jun 2002 * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. b. Equipment associated with this project will be provided from other appropriations: N/A		` '		370
(3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) (5) Construction Start (6) Construction Completion * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. b. Equipment associated with this project will be provided from other appropriations: N/A Point of Contact: Mr. Steven Rosner				
(a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) (5) Construction Start (6) Construction Completion * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. b. Equipment associated with this project will be provided from other appropriations: N/A Point of Contact: Mr. Steven Rosner		(b) Wne	re Design Was Most Recently Used -	N/A
(a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) (5) Construction Start (6) Construction Completion * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. b. Equipment associated with this project will be provided from other appropriations: N/A Point of Contact: Mr. Steven Rosner		(3) Total Cost	t(c) = (a) + (b) or (d) + (e):	(\$000)
(b) All Other Design Costs (c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) (5) Construction Start (6) Construction Completion * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. b. Equipment associated with this project will be provided from other appropriations: N/A Point of Contact: Mr. Steven Rosner				` ,
(c) Total (d) Contract (e) In-House (4) Contract Award (Month/Year) (5) Construction Start (6) Construction Completion * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. b. Equipment associated with this project will be provided from other appropriations: N/A Point of Contact: Mr. Steven Rosner				
(e) In-House (4) Contract Award (Month/Year) (5) Construction Start (6) Construction Completion * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. b. Equipment associated with this project will be provided from other appropriations: N/A Point of Contact: Mr. Steven Rosner				
(4) Contract Award (Month/Year) (5) Construction Start (6) Construction Completion * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. b. Equipment associated with this project will be provided from other appropriations: N/A Point of Contact: Mr. Steven Rosner				930
(5) Construction Start May 2001 (6) Construction Completion Jun 2002 * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. b. Equipment associated with this project will be provided from other appropriations: N/A Point of Contact: Mr. Steven Rosner		(e) In-He	ouse	
 (6) Construction Completion * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. b. Equipment associated with this project will be provided from other appropriations: N/A Point of Contact: Mr. Steven Rosner 		(4) Contract A	Award (Month/Year)	Mar 2001
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability. b. Equipment associated with this project will be provided from other appropriations: N/A Point of Contact: Mr. Steven Rosner		(5) Constructi	ion Start	May 2001
is comparable to traditional 35% design to ensure valid scope and cost and executability. b. Equipment associated with this project will be provided from other appropriations: N/A Point of Contact: Mr. Steven Rosner		(6) Constructi	on Completion	Jun 2002
Point of Contact: Mr. Steven Rosner				
	b. E	Equipment asso	ociated with this project will be provided from other appro	opriations: N/A
	Point			

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	NSTRUCTION	ON PR	OJECT DA	TA	~.	D/1112
ANG			uter generate				14	Feb 00
3. INSTALLATION	AND				PROJECT	TITLE		
VARIOUS LOCATIO	NS			PLAN	NING ANI	DESIGN	1	
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	T NUN	/IBER	8. PROJ	ECT	COST(\$000)
6600CF		000.000					**	
55296F		999-999	AAA	AA9999	901		\$9,	119
		9. COST	ESTIMATE	S				
						UNI	T	COST
		ITEM		U/M	QUANTIT	Y COS	T	(\$000)
PLANNING AND D	ESIG	N (P-313)		LS				9,119
SUBTOTAL	n aa	.m						9,119
TOTAL CONTRACT	r cos	ST		1			i	9,119
TOTAL REQUEST				1				9,119
					ž.			
				1		1		
						:		
		and Construction. The				for the c		

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.

IMPACT IF NOT PROVIDED: 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	
1. COMPONENT		777 AAAA A ATT TEL BAT GA		01 I DD	0 m 0m n 4	m 4	2.	DATE
4370		FY 2001 MILITARY CO			OJECT DA	ATA	١.,	E 1 00
ANG	4 3 775		uter generat		DO IECE	DIGOT E	14	Feb 00
3. INSTALLATION	AND	LOCATION		4. I	PROJECT	ITTLE		
VARIOUS LOCATIO	NS			UNSP	ECIFIED N			TRUCTION
PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PRC	JECT	COST(\$000)
55296F		999-999	AA	AA9999	001		\$4	,000
		9. COST	ESTIMAT	ES				
						UN	III	COST
		ITEM		U/M	QUANTT	Y CC	ST	(\$000)
UNSPECIFIED MIN SUBTOTAL TOTAL CONTRAC TOTAL REQUEST		ONSTRUCTION (P-341)		LS				4,000 4,000 4,000 4,000
10. Description of	Propo	sed Construction: Provi	ides fundin	g for w	nspecified	minor	consti	ruction

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

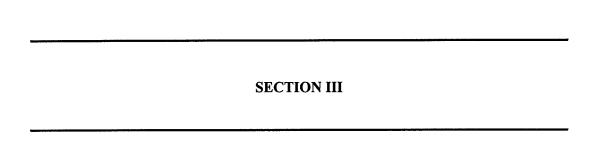
PROJECT: Unspecified Minor Construction Program

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



FUTURE YEARS DEFENSE PLAN (FYDP) FISCAL YEAR LISTING

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

+1,679 Moved from FY 05	000'9	113-321	55296F	/ Upgrade Aircraft Parking Apron and Taxiway	W	Yeager	3830	n	2002	ANG
New	9,800	149-962	55296F	Replace Control Tower ##	₹	Volk Field	3830	긔	2002	ANG
+700 Moved from FY 05	9,300	211-157	55296F	Replace Aircraft Maintenance Complex	5	Burlington	3830	2	2002	ANG
+1,700 Previously Deferred	10,000	442-758	55296F	(Base Supply/Base Civil Engineer Complex	ř	Ellington	3830	킈	2002	ANG
Moved from FY 04	16,500	211-111	55296F	Replace Aircraft Maintenance Hangar #	ਔ	Quonset	3830	킈	2002	ANG
+8,100 Combines Projects	10,600	116-665	55296F	 Power Check Pad w/Suppressor/Apron/Taxiway 	동	3830 Springfield		크	2002	ANG
Moved from FY 05										
New	4,100	111-115	51411F	Upgrade Overrun and Runway	È	Niagara	3830	2	2002	ANG
New	2,000	124-135	55296F	Replace Jet Fuel Storage Complex	₹	Reno	3830	U	2002	ANG
+3,300 Deferred	6,300	442-758	55296F	Replace Supply Warehouse	NC NC	3830 Charlotte	- 1	U	2002	ANG
	20.12					т		7	1	
	6.400	171-447	55296F	Comm-Electronics Training Complex	MS	Key Field	3830	-	2002	ANG
+1,000 Moved from FY 03	12,000	171-447	55296F	Replace Air Control Squadron Complex	ᅜ	Orange	3830	n	2002	ANG
+700 Moved from FY 05	000'9	216-642	55296F	Replace Munitions Maintenance/Storage Complex	8	Buckley	3830	U	2002	ANG
+700	7,200	171-445	55296F	Operations and Training Facilities	AR	Fort Smith	3830	0	2002	ANG
+1,100 Previously Deferred	11,000	171-447	55296F	. Relocate 280th Combat Communications Squad	AL	Dothan	3830	U	2002	ANG
+1,000 Moved from FY 03	12,000	211-159	55296F	Aircraft Corrosion Control Facility *	¥	Kulis	3830	2	2002	ANG

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

[#] MILCON Appropriations Conference Report 106-286 directed design in FY 00. Conferess 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.

Remarks	+16,860 Scope Change			
Change from FY00 PB FYDP (\$000) Remarks		-732		
Cost (\$000)	21,960	4,227	4,400	30,587
Cat-Code	211-179		ŀ	
PE	54121F	55296F	55296F	
State Project Title	MS C-17 Replace Fuel Cell and Alter Shops	Planning and Design	Unspecified Minor Construction	FY 2003 Total Funded Requirements
Sta	Ä	_	1	
Installation	Jackson	Various	Various	
Appn In	3830	3830	3830	
	ч	ш.	ц.	Ī
<u></u>	2003	2003	2003	
Сотр	ANG	ANG	ANG	

+800 Previously Deferred	+900 Moved from FY 05	New		+700 Combines Projects	Scope Change +4,600 Moved from FY02	New		New	New		New		+50 Moved from FY 05	+2,000 ANG/AFRC Total Cost	New	New	New		-2,200 Scope Change	New	+600 Moved from FY 05			
+800	+900		+100	+200	+4,600					+900		+1,400	+50	+2,000				+200	-2,200		+600		+700	
5,000	10,400	6,900	2,500	8,900	5,800	000'6	3,000	7,000	1,500	9,800	10,000	8,300	1,500	4,900	1,250	4,500	1,200	8,100	7,700	6,900	11,000	2,500	3,500	141.150
171-447	113-321	721-315	214-425	442-758	116-672	116-116	442-758	211-179	179-481	141-753	211-111	211-154	116-661	171-450	730-835	800-100	179-475	442-758	141-753	442-758	211-111	725-517	214-424	
55296F	55296F	55296F	55296F	51628F	55256F	54332F	54332F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	
A Communications and Electronics Training Facility	 Upgrade Aircraft Parking Apron and Taxiway 	. Weather Training Complex	A Replace Vehicle Maintenance Facility	A B-1 Supply & Base Engineer Complex	Clear Water Aircraft Rinse Facility	C-130 Assault Strip	Add/Alter Base Supply Complex	Replace Fuel Cell and Corrosion Control Facility	Upgrade	S Replace Operations and Training Facility	Composite Aircraft Maintenance Complex	Composite Maintenance Complex	T Expand Arm and Disarm Apron *	NJ Medical Training Facility (w/AFRC)	M Replace Security Forces Operations	Base Inf	Y Small Arms Range Training Facility	Y Base Supply/Base Engineer Complex	OH Replace Squad Ops/Communications Facility	Replace	Replace Aircraft Maintenance Complex - Phase I	A Replace Troop Training Quarters	A Replace Vehicle Maintenance Complex	FY 2003 Total Unfunded Requirements
δ	DE	FL	GA	GA	豆	₽	QI	Z	NI DI	KS	Σ	MN	MT	3	ΝN	AN.	λN	λN	но	Ю	Ι	۸۸	۸۸	
Sepulveda	New Castle	Camp Blanding	Hunter Fld	Robins AFB	Hickam	Boise	Boise	Fort Wayne	Jefferson Proving Grd	Forbes	Duluth	Minn-St Paul	Great Falls	McGuire	Kirtland AFB	Reno	Hancock Fld	Schenectady	Mansfield	Toledo	Nashville	Camp Pendleton	Richmond	
3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	
5	Э	Э	n	n	2	5	3	Э	ח	n	n	n	n	n	n	n	n	n	n	n	n	n	Э	
	6	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	
2003	2003	50	7	7	L	L	L	L	L	ш					_	_	_	_	_	_				•

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

ANG MILCON FYDP

										Change from	
Сотр	Ŧ		Appn	Installation	State	State Project Title	PE	Cat-Code	Cost (\$000)	FY00 PB FYDP (\$000) Remarks	Remarks
ANG	2004	Ь	3830	McConnell	KS	KS B-1 Power Check Pad with Sound Suppressor	51628F	116-665	1,383		New
ANG	2004	ь.	3830	Barnes	MA	Relocate Taxiway	55296F	112-211	4,000	008+	
ANG	2004	ш	3830	Selfridge	M	Upgrade Runway	55296F	111-111	18,000		New
ANG	2004	Ŀ	3830	Camp Shelby	MS	C-17 Shortfield Runway	54121F	116-116	000'6	+1,300	+1,300 Moved from FY 03
ANG	2004	IL.	3830	Pease	HN	Replace Medical Training Facility (VA Joint Use)	55296F	171-450	4,000	+800	
ANG	2004	ш	3830	Various	-	Planning and Design	55296F	1	4,931	+277	
ANG	2004	ш	3830	Various		Unspecified Minor Construction	55296F	1	4,497		
						FY 2004 Total Funded Requirements			45,811		

ANG	2004		3830	3830 Andersen	ß	GU Operations and Training Facility	55296F	171-445	3,900	+900 Pre	+900 Previously Deferred
ANG	2004	Э	3830	Des Moines	١A	Upgrade Airfield Facilities	55296F	113-321	9,200	New	
ANG	2004	n	3830	Capital	IL.	Composite Support Complex	55296F	722-351	9,500	+200	# 1 d d d d d d d d d d d d d d d d d d
ANG	2004	n	3830	New Orleans	М	Replace Vehicle/ASE Maintenance Complex	55296F	218-712	5,200	∙oM 008+	+800 Moved from FY 02
ANG	2004	n	3830	Martin	MD	Aircraft Corrosion Control Facility	55296F	211-179	8,100	New	
ANG	2004	Э	3830	Bangor	ME	Upgrade Aircraft Maintenance Hangar	55296F	211-116	2,000	New	
ANG	2004	О	3830	Hector	ON	Replace Weapons Release Shop *	52620F	215-552	4,500	New	
ANG	2004	Э	3830	Reno	۸N	Base Supply and Equipment Warehouse	55296F	442-758	7,000	+1,100 Pre	+1,100 Previously Deferred
ANG	2004	כ	3830	Hancock Fld	ΝY	Upgrade Aircraft Maintenance Shops	55296F	215-552	8,700	New	.
ANG	2004	Э	3830	Will Rogers	ОK	Replace Aircraft Maintenance Complex	55296F	211-111	25,000	+5,500	
ANG	2004	D	3830	Klamath Falls	OR	Joint Composite Support Complex (w/ARNG)	55296F	171-447	000'6		
ANG	2004	D	3830	Portland	OR	Replace Joint Dining Facility (w/AFRES/ARNG)	55296F	722-351	8,200		
ANG	2004	D	3830	Pittsburgh	PA	Add/Alter Squad Ops/Support Complex	55296F	214-425	10,000	009+	
ANG	2004	n	3830	McGhee Tyson	TN	Replace Fire Station and Security Forces Complex	55296F	730-142	4,250	New	
ANG	2004	כ	3830	Cheyenne	WY	Aerial Port/Air Traffic Control Complex	55296F	171-447	008'6	+2,300 Sco	+2,300 Scope Change
						FY 2004 Total Unfunded Requirements			126 850		

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

ANG MILCON FYDP

Comp	È		Appn	Appn Installation	State	State Project Title	<u> </u>	Cat-Code	Cost (\$000)	Change from FY00 PB FYDP (\$000)	Remarks
		1									
ANG	2005	Ш	3830	Eielson	ĄĶ	Replace Communications/Security Forces Training Complex	55296F	131-111	8,600	+1,300	
ANG	2002	ш	3830	Kulis	AK	Replace Pararescue Training Complex	55296F	141-753	000'6	+650	
ANG	2002	ш	3830	Otis	MA	Upgrade Airfield Storm Water Collection & Detention System	55256F	871-183	2,000		New
ANG	2005	F	3830	W K Kellogg	M	Replace Munitions Maintenance & Storage Complex	55296F	216-642	005'6	+200	+700 Moved from FY 02
ANG	2002	ш	3830	Harrisburg	PA	Add to Apron/Construct Taxiway	55296F	113-321	2,585	+285	
ANG	2005	ш	3830	Joe Foss	as	Replace Base Civil Engineer Maintenance Complex	55296F	219-944	4,500		New
ANG	2002	ц	3830	Fairchild	WA	Logistics Support Complex	55296F	442-758	10,000	+2,200	+2,200 Previously Deferred
ANG	2005	ч	3830	Various	;	Planning and Design	55296F	1	5,039	+283	
ANG	2005	F	3830	Various	ŧ	Unspecified Minor Construction	55296F	;	4,596		
						FY 2005 Total Funded Requirements			55,820		

ANG	2005)	3830	Dannelly Field	A.	Composite Operations and Training Facility	55296F	141-753	9,100	Previously Defe +5,450 Scope Change	Previously Deferred Scope Change
ANG	2005	5	3830	Tucson	ΥZ	Composite Support Complex	55296F	610-128	7,300	New	
ANG	2005	5	3830	Jacksonville	FL	F-15 Add/Alter Fuel Cell/Corrosion Control Facility	51217F	211-179	3,650	+1,250	
ANG	2005	_	3830	Hulman	Z	Weapons Release Systems Shop	55296F	215-552	3,200	+950 Previo	+950 Previously Deferred
ANG	2005		3830	Forbes	KS	Replace Squadron Operations Facility	55296F	141-753	9,100	+400 Moved	+400 Moved from FY 05
ANG	2005	П	3830	Barnes	MA	Upgrade Maintenance and Support Complex	55296F	215-552	000'6	New	
ANG	2005	-	3830	Otis	MA	Replace Crash Fire Rescue Station	55296F	130-142	006'6	New	
ANG	2005	n	3830	Jefferson Barracks	ОМ	Upgrade Communications Training Facilities	55296F	171-447	3,000	New	
ANG	2005	<u> </u>	3830	Rosecrans	ОМ	Air Traffic Control Training Complex	55296F	171-447	3,400	New	
ANG	2005	<u> </u>	3830 Gulfport	Gulfport	SW	Vehicle Maintenance Facility	55296F	218-712	3,250	New	
ANG	2005	n	3830	Jackson	MS	C-17 Maintenance Training Facility	54121F	171-618	7,400	New	
ANG	2005	n	3830	Jackson	MS	Expeditionary Forces Center	55296F	171-450	7,500	-1,500	
ANG	2005	n	3830	3830 Great Falls	MT	Munitions Load Crew Training Complex	55296F	171-875	3,100	New	
ANG	2005	>	3830	Rickenbacker	ᆼ	Replace Fire Station	55278F	130-142	4,100	New	
										Previo	Previously Deferred
ANG	2005	ח	3830	3830 Willow Grove	PA	Replace Composite Joint Hqs Complex (w/AFRC)	55296F	171-445	18,000	+8,900 ANG/F	+8,900 ANG/AFRC Total Cost
ANG	2005	ח	3830	Nashville	ΙL	Composite Aircraft Maintenance Complex Phase II	55296F	211-111	11,000	New	
ANG	2005	<u> </u>	3830	Hensley Field	Ϋ́	Upgrade Comm and Electronics Training Complex	55296F	171-447	4,150	New	
ANG	2005	n	3830	Yeager	W	WV Replace Base Engineer Maintenance	55296F	219-944	4,000	+500 Moved	+500 Moved from FY 02
						FY 2005 Total Unfunded Requirements			120,150		

ANG MILCON FYDP

		Remarks
Change from	FY00 PB	FYDP (\$000)
	Cost	(2000)
		Cat-Code
		밆
		ate Project Title
		ntion St
		Appn Installa
		£
Г		Comp
	_	ပိ

Projects no longer in the FYDP:

Birmingnam	-				22-11	55 : 55mm.da.dd
Dannelly	٩٢	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	۷	Replace Vehicle Maintenance Complex			3,600	Appropriated in FY 00
Boise	a)	A-10 Fuel Cell/Corrosion Control Facility			2,300	Appropriated in FY 00
Fort Wayne	Z	Replace Dining Hall/Medical Training Facility			6,095	Appropriated in FY 00
McConnell	KS	B -1 Aircraft Live Munitions Loading Ramp			006'9	Appropriated in FY 00
New Orleans	≤	Munitions Storage Igloo			1,350	Appropriated in FY 00
Barnes	MΑ	Replace Base Supply Complex			5,900	Appropriated in FY 00
Grayling	M	Replace Range Support Facilities			4,400	Appropriated in FY 00
Selfridge	M	Replace Crash Fire Rescue Station			7,400	Appropriated in FY 00
Rosecrans	MO	Upgrade Aircraft Parking Apron- Phase II			000'6	Appropriated in FY 00
Jackson		C-17 Flight Simulator Facility			3,600	Appropriated in FY 00
Great Falls	MT	Base Supply Warehouse			1,400	Appropriated in FY 00
Pease	HN	Upgrade Aircraft Parking Apron			009'6	Appropriated in FY 00
Kirtland	MN	Composite Support Complex			9,500	Appropriated in FY 00
Hancock	ΝY	Comm-Elec Training/ASE Complex			8,900	Appropriated in FY 00
Mansfield	ОН	Security Forces Complex			2,700	Appropriated in FY 00
Springfield	ОН	OH F-16 Add/Alter Squad Ops/Flight Training			1,770	Appropriated in FY 00
Toledo	Ю	OH Upgrade Maintenance Complex			8,400	Appropriated in FY 00
Tulsa	š	OK Replace Composite Support Complex			10,800	Appropriated in FY 00
Johnstown	PA	PA Air Traffic Control Training Facility			4,600	Appropriated in FY 00
McEntire	၁င	Replace Control Tower & ASE Facility			2,700	Appropriated in FY 00
McGhee Tyson	N	Aircraft Hydrant Refueling System			9,500	Appropriated in FY 00
Kelly	ΤX	Replace Vehicle/ASE Maintenance Complex			3,000	Appropriated in FY 00
Kelly	ΤX	F-16 Add/Alter Squad Ops/Flight Training			3,400	Appropriated in FY 00
Salt Lake City	Ţ	Composite Ops and Training/Squad Ops Complex			10,400	Appropriated in FY 00
Fairchild	WA	Replace Composite Support Complex			008'6	Appropriated in FY 00
Dobine	90	B.1 Baca Engineer Maintenance Complex	-		1000 8	positional
21.10	т		1		007.0	Deligino
Kobins	7	B-1 Venicle Maintenance Complex			2,100	Combined
Jackson		C-17 Upgrade Aeromedical Evacuation Facility			009	Combined
Gabreski	ž	Replace Composite Support Complex			006'6	Combined
	ſ					
McGuire	\neg	Replace Base Civil Engineer/Security Forces Complex	55296F	219-944	5,600	Deferred
March	δ	Upgrade Aircraft Hangar and Shops	51411F	211-152	4,800	Deferred

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

SECTION III	SECTION III	

FUTURE YEARS DEFENSE PLAN (FYDP) STATE/INSTALLATION LISTING

							\Box			_						П		
o from PB \$000) Remarks	+1,300 +1,000 Moved from FY 03 +650	Previously Deferred +5,450 Scope Change +1,100 Previously Deferred	+700	New	+800 Previously Deferred	+700 Moved from FY 05	+1,000 Moved from FY 03	+900 Moved from FY 05	New +1,250	+100	+700 Combines Projects	+900 Previously Deferred	Scope Change +4,600 Moved from FY02	New	New	+500	New New	+950 Previously Deferred
Change from FY00 PB FY0P (\$000)	00 00	000	8	8	8	00	8	8	0.00	8	# 8 8	8 8	8	8	8 8	8	8.8	8 8
Cost (\$000)	8,600 12,000 9,000	9,100	7,200	7,300	2,000	9'000	12,000	10,400	3,650	2,500	5,941 8,900	3,900	5,800	9,200	9,000	9,500	7,000	3,200
Cat-Code	131-111 211-159 141-753	141-753	171-445	610-128	171-447	216-642	171-447	113-321	721-315 211-179	214-425	171-445 442-758	171-445	116-672	113-321	116-116 442-758	722-351	211-179	215-552
PE	55296F 55296F 55296F	55296F 55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F 51217F	55296F	51628F 51628F	55296F	55256F	55296F	54332F 54332F	55296F	55296F	55296F
State Project Title	AK Replace Communications/Security Forces Training Complex AK Aircraft Corrosion Control Facility * AK Replace Pararescue Training Complex	AL Composite Operations and Training Facility AL Relocate 280th Combat Communications Squad	AR Operations and Training Facilities	AZ Composite Support Complex	CA Communications and Electronics Training Facility	CO Replace Munitions Maintenance/Storage Complex	CT Replace Air Control Squadron Complex	DE Upgrade Aircraft Parking Apron and Taxiway	FL Weather Training Complex FL F-15 Add/Alter Fuel Cell/Corrosion Control Facility	1	GA B-1 Operations and Training Facility GA B-1 Supply & Base Engineer Complex GA Comparison and Training Complex	1 1 1	HI Clear Water Aircraft Rinse Facility	IA Upgrade Airfield Facilities	ID C-130 Assault Strip ID Add/Alter Base Supply Complex	IL. Composite Support Complex	IN Replace Fuel Cell and Corrosion Control Facility IN Meaning Belace Systems Chop	<u>z</u> <u>z</u>
Appn Installation	3830 Eielson 3830 Kulis 3830 Kulis	3830 Dannelly Field 3830 Dothan	3830 Fort Smith	3830 Tucson	3830 Sepulveda	3830 Buckley	3830 Orange	3830 New Castle	3830 Camp Blanding 3830 Jacksonville	1	3830 Robins AFB 3830 Robins AFB	1 1 1	3830 Hickam	3830 Des Moines	3830 Boise 3830 Boise	3830 Capital	3830 Fort Wayne	
-	F U T	D D	3	D 3	٦	3	٦	٦	ם כו	İ	ц⊃п сс	111) °	3) D	3		უ : ⊃ :
≿	2005 2002 2005	2005	2002	2005	2003	2002	2002	2003	2003	2003	2002	2004	2003	2004	2003	2004	2003	2002
		ANG	ANG	ANG	ANG	ANG	ANG	ANG	ANG	i	ANG ANG		ANG	ANG	ANG	ANG	ANG	

		5		2								7,5					8		ts					,	Previously			
Remarks	8	+400 Moved from FY 05	New	+800 Moved from FY 02	2	New	New	New	New	New	New	+700 Moved from FY 02	New	00	New	New	+1,300 Moved from FY 03	New	+3,300 Combines Projects	+16,860 Scope Change	New	2	450 Moved from EV 05	New	Scope Change	N Deleties	New	Q
Change from FY00 PB FYDP (\$000)	006+	+4)8+	OURT	Ď F						1470		+1,400			+1,30		+3,30	+16,86	4	000:1-	3T	,	26 64	30'0		008+
Cost (\$000)	9.800	9,100	1,383	5,200	000 8	9,000	2,000	006'6	8,100	5,000	18,000	9,500	10,000	8,300	3,000	3,400	000'6	3,250	16,000	21,960	7,400	6,400	1 500	3,100	900	200,0	4,500	000
Cat-Code	141-753	141-753	116-665	218-712	112,211	215-552	871-183	130-142	211-179	211-116	111-111	216-642	211-111	211-154	171-447	171-447	116-116	218-712	141-753	211-179	171-618	171-447	116.661	171-875	442-758	172-100	215-552	474 450
Ä	55296F	55296F	51628F	55296F	55296F	55296F	55256F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	54121F	55296F	54121F	54121F	54121F	55296F	55296F	55296F	55296F	100700	52620F	250052
Project Title	Replace Operations and Training Facility		B-1 Power Check Pad with Sound Suppressor	Replace Vehicle/ASE Maintenance Complex	Relocate Taxiway	Upgrade	Upgrade	Replace Crash Fire Rescue Station	Aircraft Corrosion Control Facility	Upgrade Aircraft Maintenance Hangar		Replace Munitions Maintenance & Storage Complex	1	Composite Maintenance Complex	Upgrade Communications Training Facilities	Air Traffic Control Training Complex	1			C-17 Replace Fuel Cell and Alter Shops		-		Munitions Load Crew Training Complex	Replace Supply Warehouse		Replace Weapons Release Shop *	Replace Medical Training Facility (VA Joint Use)
State	ξ.	KS	Σ	5	¥.	¥	ΜĀ	Ψ¥	M	Æ	Ξ	₹	¥.	ž	MO	§	MS	WS	SE :	S S	2 2	W	¥	Ā	2		ᄝ	ž
Installation	Forbes	Forbes	McConnell	New Orleans	Barnes	Barnes	Otis	Otis	Martin	Bangor	Selfridge	W K Kellogg	Duluth	Minn-St Paul	Jefferson Barracks	Rosecrans	Camp Shelby	Gulfport	Jackson	Jackson	Jackson	Key Field	Great Falls	Great Falls	Charlotte		Hector	Pease
Appn	3830		3830	3830	3830			3830	3830	3830	3830	i		3830	3830	- 1				3830	3830	3830	- 1	3830	3830	1 1	3830	3830
	٦	>	L	٥	L			٥	٦	٦	և		 		5		ıL	>	L I	<u>.</u> =			- 1	>	٥	1 1	5	L
≿	2003	2005	2004	2004	2004	2005	2005	2005	2004	2004	2004	2005	2003	2003	2005	2002	2004	2005	2002	2003	2005	2002	2003	2005	2002		2004	2004
	1,,		•											- 1									- 1				- 1	1

			П																									
Change from FY00 PB FYDP (\$000) Remarks	+750	+2,000 ANG/AFRC Total Cost	New	New	New	+1,100 Previously Deferred	Combines Projects +8.100 Moved from FY 05	New	New	New	+700	-2.200 Scope Change	New	Moved from FY 05 +8,100 Combines Projects	New	+5,500			+285	009+	Previously Deferred +8,900 ANG/AFRC Total Cost	Moved from FY 04	New	New	+600 Moved from FY 05	New	14 700 Braviously Deferred	+1,700 Previously Deferred New
Cost (\$000)	4.200	4,900	1,250	5,000	4,500	2,000	18.000	1,200	8,700	4,100	8,100	7.700	4,100	10,600	6,900	25,000	000'6	8,200	2,585	10,000	18,000	16,500	4,500	4,250	11.000	11,000	40.000	4,150
Cat-Code	131-111	171-450	730-835	124-135	800-100	442-758	214-425	179-475	215-552	111-115	442-758	141-753	130-142	116-665	442-758	211-111	171-447	722-351	113-321	214-425	171-445	211-111	219-944	730-142	211-111	211-111	442.758	442-738 171-447
PE	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	51411F	55296F	55296F	55278F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	55296F	552965	55296F
	nications and Security Forces Complex	Training Facility (w/AFRC)	s Operations	e Complex		ent Warehouse	XĐ	ng Facility	ce Shops	>-	mplex	tions Facility	•	Apron∕Taxiway		mplex	mplex (w/ARNG)	(w/AFRES/ARNG)	A	Complex	omplex (w/AFRC)	langar #	faintenance Complex	nity Forces Complex	Complex - Phase I	enance Complex Phase II	nnlv/Base Civil Engineer Complex	base Supplybase Own Engineer Complex Upgrade Comm and Electronics Training Complex
Project Title	Commu	Medical	Replace Security Forces Operations			Base Supply and Equipment Warehouse	Composite Support Complex	Small Arms Range Training Facility			Base Supply/Base Engineer Complex		Replace		Replace Logistics Complex	Replace Aircraft Maintenance Complex	Joint Co	Replace Joint Dining Facility (w/AFRES/ARNG)		Add/Alter Squad Ops/Support Complex	Replace Composite Joint Hqs Complex (w/AFRC)	Replace Aircraft Maintenance Hangar #	Replace Base Civil Engineer Maintenance Complex	Replace Fire Station and Security Forces Complex	Replace Aircraft Maintenance	Composite Aircraft Maintenance Complex Phase II	Base Sunnly/Base Civil F	Upgrade Comm and Ele
State Project Title	Commu	NJ Medical Training Fac	NM Replace Security Force	Replace		NV Base Supply and Equipm	NY Composite Support Comp				NY Base Supply/Base Engineer Co	Replace	OH Replace Fire Station	OH Power Check Pad w/Suppressor/	- 1		OR Joint Composite Support Co	Replace	PA Add to Apron/Construct Taxiwa			RI Replace Aircraft Maintenance H	SD Replace Base Civil Engineer N	Replace	Replace	TN Composite Aircraft Mainte	Rase Su	TX Upgrade Comm and Ele
Installation State Project	Commu	NJ Medical	Replace	Replace	N	- L		Fid N≺		ķ		Replace	xer OH Replace		- 1	Replace	Falls OR Joint Co	Replace	PA	PA	Willow Grove PA Replace	Replace	Keplace	Replace	TN Replace	NT	Rase Su	Field TX
State Project	NJ Commu	McGuire NJ Medical	NM Replace	Reno NV Replace	Reno NV	2	¥	Hancock Fid NY	Hancock Fld NY	Niagara	M	Mansfield OH Replace	OH Replace	Springfield	동	OK Replace	Falls OR Joint Co	Portland OR Replace	Harrisburg PA	PA	PA Replace	RI Replace	SD Replace	TN Replace	TN Replace	Nashville	Flination TX Base St	<u>ሩ</u> Է
Appn Installation State Project	F 3830 Atlantic City NJ Commu	U 3830 McGuire NJ Medical	U 3830 Kirtland AFB NM Replace	U 3830 Reno NV Replace	U 3830 Reno NV	U 3830 Reno NV	F 3830 Gabreski NY	U 3830 Hancock Fld NY	U 3830 Hancock Fld NY	U 3830 Niagara NY	U 3830 Schenectady NY	U 3830 Mansfield OH Replace	U 3830 Rickenbacker OH Replace	U 3830 Springfield OH	U 3830 Toledo OH	U 3830 Will Rogers OK Replace	U 3830 Klamath Falls OR Joint Co	U 3830 Portland OR Replace	F 3830 Harrisburg PA	U 3830 Pittsburgh PA	U 3830 Willow Grove PA Replace	U 3830 Quonset RI Replace	F 3830 Joe Foss SD Replace	U 3830 McGhee Tyson TN Replace	U 3830 Nashville TN Replace	U 3830 Nashville TN	U 3830 Filindion TX Base Su	U 3830 Hensley Field TX
Installation State Project	3830 Atlantic City NJ Commu	U 3830 McGuire NJ Medical	3830 Kirland AFB NM Replace	3830 Reno NV Replace	U 3830 Reno NV	3830 Reno NV	Gabreski NY	U 3830 Hancock Fld NY	U 3830 Hancock Fld NY	U 3830 Niagara NY	3830 Schenectady NY	U 3830 Mansfield OH Replace	3830 Rickenbacker OH Replace	U 3830 Springfield OH	3830 Toledo OH	3830 Will Rogers OK Replace	3830 Klamath Falls OR Joint Co	U 3830 Portland OR Replace	F 3830 Harrisburg PA	3830 Pittsburgh PA	3830 Willow Grove PA Replace	3830 Quonset Ri Replace	3830 Joe Foss SD Replace	3830 McGhee Tyson TN Replace	3830 Nashville TN Replace	U 3830 Nashville TN	U 3830 Filindion TX Base Su	3830 Hensley Field TX

Сошр	£		Appn	Appn Installation	State	State Project Title	PE	Cat-Code	Cost (\$000)	Change from FY00 PB FYDP (\$000) Remarks
ANG	2003	> =	3830	2003 U 3830 Camp Pendleton	* \$	VA Replace Troop Training Quarters	55296F	725-517	2,500	WLT
ANG	2002	- -	3830	2002 U 3830 Burlington	\$ 5	v. replace vericle maintenance Complex VT Replace Aircraft Maintenance Complex	55296F	211-157	9,300	+700 Moved from FY 05
ANG	2005	ഥ		3830 Fairchild	WA	WA Logistics Support Complex	55296F	442-758	10,000	+2,200 Previously Deferred
ANG	2002	٦	3830	2002 U 3830 Volk Field	×	WI Replace Control Tower ##	55296F	149-962	08'6	New
ANG	2002	l I	3830	3830 Yeager	*	WV Upgrade Aircraft Parking Apron and Taxiway	55296F	113-321	6,000	+1,679 Moved from FY 05
ANG	2005	ء <u>:</u>	U 3830 Yeager	Yeager	}	WV Keplace Base Engineer Maintenance	55296F	219-944	4,000	+500 Moved from FY 02
ANG	2004	اد	3830	2004 U 3830 Cheyenne	Ā	WY Aenal Port/Air Tranic Control Complex	2529bF	1/1-44/	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 dreaded 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.