1. COMPONENT		FY 200	)4 MILI	TARY (	CONST	RUCTI	ON PROC	GRAM	2. DATE		
AIR FORCE											
3. INSTALLATION A	ND LOC	ATION		4. CON	MMANE	):		5. AREA	CONST	•	
ROBINS AIR FORCE	EBASE		1	AIR FO	RCE M	ATERII	EL	COSTIN	IDEX		
GEORGIA				COMM	AND:			0.82			
6. Personnel	PE	RMANEN		S	<b>FUDEN</b>	rs	SU	PPORTE	D		
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOT	AL
AS OF 30 SEP 02	960	3226	2740	450	2909		78	1680	84		12,12
END FY 2007	847	2763	2763 2739 439 2819				78	1680	84		11,44
7. INVENTORY DAT	FA (\$000)										
Total Acreage:		8,722									
nventory Total as of	f : (30 Sep	o 02)								2,5	84,51
Authorization Not Ye	t in Inven	tory:									39,92
Authorization Reque	sted in thi	s Program	:								28,68
Authorization Include	ed in the F	following F	rogran	n:	(FY 200	)5)					5,78
Planned in Next Fou	r Years P	rogram:								1	50,21
Remaining Deficienc	:y:									1	97,85
Grand Lotal:										3,0	06,97
3. PROJECTS REQU	JESTED	IN THIS P	ROGR	AM:			(FY 200	4)			
CATEGORY							_	COST	DESIGN	STAT	US
<u>CODE</u>	PROJEC	<u>T TITLE</u>			_	SCOPE	<u> </u>	\$,000	START	CMP	<u>L</u>
171-212	J-STARS	SADAL Flig	ght Sim	nulator F	ac	1,572	SM	2,954	Design	Build	
211-159	Corrosio	n Control F	aint Fa	acility		9,850	SM	25,731	Design	Build	
					-	Total		28,685			
Ja. Future Projects:	Included	in the Foll	owing	Program	n:	(F	Y2005)				
721-312	Domitory	/				96	RM	5,786			
						Total		5,786			
9b. Future Projects:	Typical P	lanned Ne	xt Fou	r Years	:						
113-321	Add to ar		craft R	amp		17	HE	7,000			
130-142	Replace	Fire/Crash	Rescu	e Statio	n t	2,300	SM	6,300			
141-753	ADAL SQ	uadron Or	eration		ty	560	SM	1,500			
130-835	New Sec		I S Facil	ity m Curta		3,763	SM	7,200			
136-661	Opgrade	Approach	Lignun	g Syste	m		LS	2,500			
244.440	(Runway	15) Sintananaa	C	ant Llong		4 000	014	0 500			
211-110	Depot Ma		Suppo	n nang	jar	4,082	SM	0,000			
211-152	Consolida	ate Alicial	maine	enance		3,000	21/1	10,000			
244 452	Facility	omnononi	Donoi	- Encilit		e eoo	CM	12 000			
211-102	Aircraft M	lointonono	n Epoil	і гасііцу ію	/	0,090	SIVI	2 500			
211-104	Directio/D	adomo Sh		цу		2,100	SIVI	3,000			
211-102	Life Supr	auome on	, ,			2,450	SM	7,200			
211-152	Repair B	uitding 125				3,550	19	16 500			
211-132	51et Com	unuing 120	, Nguna	d One F	ar	2 700	SM	7 144			
211-142	54th Com	bat Comn	n Squa	d Ops i d Ops F	ac	2,700	SM	6 000			
117-742	Deplace (	Ground Su	nnort F	a Opsi Fauinme	ac	2,700 1 021	SM	0,900			
10-712	Mot Eacil	itv	pport	-quipine	5111	4,324	OW	3,000			
142 257		Storage F	acility			1 020	SM	2 200			
142-201	Deploym	otorage i	o Facil	itv		3 300	SM	5 900			
H2-750	Building (	21 Addition		y		086	SM	1 800			
310-075	Consolide	ate Logisti	, re Faci	lity Den	ot	500 6 505	SM	8 300			
70-075	Operation	מנכ בטעופנוי זיג	5 T au	ny Dep		0,000	OW	0,000			
121-312	Dormiton					96	RM	6 100			
21-312	Visiting C	) Juartere Λ	(AC)			2 300	SM	6 100			
112-226	Lingrade	Anron Pou	ver			2,000	1.5	2 000			
131-145	Ungrade	Domestic/	Industr	ial Sewa	ade		15	4 000			
ic Real Propert Me	intenance	Backlog	Thie In	stallatio	- <del>3</del> -		-0	7,000			04
ro. Near Fropery Ma	nichance	Dacking	ino na	scanation	••						3:

1. COMPONENT FY 20 AIR FORCE	FY 2004 MILITARY CONSTRUCTION PROGRAM 2. DATE								
3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST							
ROBINS AIR FORCE BASE	AIR FORCE MATERIEL	COSTINDEX							
GEORGIA	COMMAND:	0.82							
management, support and depot-level maintenance of systems including F-15, C-130, C-5, C-141, and U-2 aircraft, helicopters, missiles and remotely piloted vehicles; an air base wing; an air control wing; HQ Air Force Reserve Command; an Air Mobility Command air refueling group with KC-135 aircraft; an ACC combat communications group; a special operations flight with EC-137D aircraft; an Air National Guard bomb wing with B-1B aircraft; and an Air Force recruiting group.									
11. Outstanding pollution and Safety (O	SHA Deficiencies:								
a. Air pollution		4.325							
		4,020							
b. Water Pollution		0	ľ						
c. Occupational Safety and Health		0							
d. Other Environmental		0							
) Form 1390, 24 Jul 00									

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1. COMPONENT		FY 2004 MILITARY	CONSTR	UCTI	ON PROJ	JECT DATA	2. DATE	
AIR FORCE		(0000)	ICEL GEN	erace				
3. INSTALLATION ROBINS AIR FORC	E BASE,	GEORGIA		4. P. JSTAI FACII	ROJECT <b>TI</b> RS <b>- ADD/A</b> LITY	ile Lter flight	SIMULATOR	
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PRO	OJECT NUMBER 8. PROJECT COST (\$000) Auth: 3,014				
27504		171-212	UH	HZ013	004	Approp	o: 2,954	
	•	9. <b>COS</b>	r estid	ATES	•			
		ITEM		U/M	QUANTITY	UNIT	COST	
ADD/ALTER FLIGHT	r sinula	TOR FACILITY		LS			2,250	
ADDITION TO SI	MULATOR			SM	622	2,635	( 1,639)	
ALTERATION TO	SIMULAT	OR		SM	950	635	( 603 )	
AWTITRRRORISW	FORCE PI	ROTECTION		LS			(8)	
SUPPORTING FACIL	LITIES						483	
UTILITIES				LS			(120)	
PAVEMENTS				LS			(79)	
SITE IMPROVEME	nts			LS			( 140)	
SPECIAL FOUNDA	TION			LS			( 141)	
COMMUNICATIONS	SUPPOR	r		LS			(3)	
SUBTOTAL							2,733	
CONTINGENCY	( 5.0 %	5)					137	
TOTAL CONTRACT	COST						2,870	
SUPERVISION, INS	SPECTION	AND OVERHEAD (	5.7 %)				164	
TOTAL REQUEST							3,033	
TOTAL REQUEST (1	ROUNDED)						3,014	
EQUIPMENT FROM	OTHER 2	APPROPRIATIONS (NON-	-ADD)				( 7,000.0)	
L0. Description foundation, CMU Install and alter protection inclu- windows, and con all necessary su	n of Pro and br: er elect udes str nstruction pport.	poosed Construction ick veneer walls ar rical, BVAC, hydra cuctural reinforcem ing new security fe	: Cons nd steel ulic, a went of ence. In	truct trus nd fi exter clude	addition <b>18.</b> standi .re protec .ior walls es utiliti	with reinf ng <b>seam</b> meta tion <b>system</b> , fully <b>tem</b> es, site <b>im</b>	orced concrete al roof. s. Force pered glass provements and	
11. REQUIREMENT:	1,572	ADEQUATE	: 0	S	UBSTANDARI	950		
PROJECT: Add to	o and Al	lter Flight Simulat	or Faci	lity.	(Currer	nt Mission)		
REQUIREMENT: Ar	n additi (WST) to	on to the flight s	imulato al Capa	r <b>is</b> bilit	required i	to eupport a re JSTARS a	a second weapon	
surrent and new	CTOWS a	re <b>mission</b> ready.	The add	ition	will inc	lude a <b>simul</b>	lator bay,	
software and com	puter s	upport area, <b>restr</b>	ooms, ad	lmini	stration,	classroom a	and briefing	
room space and r	nechanic Gemple	al space to suppor	t a ful	1 mot	ion, full	vision, WSI	I to support	
JSTARS mission.	Compiy	with DOD interim	minimum 6	LOLC	p (2040)	ion construc	etion standard.	
CORRENT SITUATIO	<u>on:</u> The	e existing simulato	ram ig	in +h	B/2048) d	oes not have	e space to	
nission capabili	ity. The	e existing WST is n	ot adeq	uate	to suppor	t the traini	ing	
cequirements of	the inc	reased number of f	light c	rews	and still	maintain st	teady state	
<b>mission</b> capabilities capable of co	ity. Th onductir	is <b>is</b> the only JST ng <b>this mission</b> tra	ARS Win	g in	the Air (	Force and no o	ther location	
IMPACT IPNOT PR	OVIDED:	The existing WST	'will c	ontir	ue to be	utilized to	its maximum	

Previoue editions are obsolete.

1. COMPONENT		FY 2004 MILITARY CONSTRUCTION PROJECT DATA							2.	DATE
AIR FORCE		(computer generated)								
3. INSTALLATION AND LOCATION 4. PROJECT TITLE										
ROBINS AIR FOR	BINS AIR FORCE BASE, GEORGIA JSTARS - ADD/ALTER FLIGHT SIMULATOR FACILITY								LATOR	
5. PROGRAM ELE	MENT	MENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000)						(\$000)		
27584		171-212 UHHZ013004 3,014								

:apability. Lack of adequate maintenance and repair to the WST could result in a :atastrophic failure end eliminate any recurring or mission ready training. New crews rill not be adequately trained for the incoming JSTARS aircraft and keeping the existing :rews current will become increasingly more difficult.

LDDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for Iccomplishing this project (status quo, renovation, upgrade/removal, new construction) /as done. It indicates there is only one option that will meet operational requirements. Is certificate of exception has been prepared. Baee Civil Engineer: Col. Michael D. Norrie, DSN 468-5820 ext 114. Add to Flight Simulator: 622 SM = 6,693 SF, Alter Flight ;imulator: 950 SM = 10,222 SF. Design Build - Design Build Cost (4% of Subtotal): ;112,520.

BASE CIVIL ENGINEER: Amrit

**<u>FOINT USE CERTIFICATION:</u>** Mission requiremente, operational coneideratione. end location **Fre** incompatible with use by other **components**.

1. COMPONENT AIR FORCE	MPONENT FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)								
2 TNCMATTAMT				ידייד פי					
5. INSTALLATI	IN AD LOCATION		T. PROJECT T						
ROBINS AIR FO	RCE BASE, GEORGIA		JSTARS - ADI FACILITY	)/ALTER <b>FLIGHT</b>	SIMULATOR				
5. PROGRAM EL	EMENT '6. CATEGORY CO	DE 7. PRO	JECT NUMBER	8. PROJECT COS	ST (\$000)				
27584	171-212	UH	HZ013004	3,0	014				
12. SUPPLEMEN	TAL DATA:								
a. Estimate	d <b>Design</b> Data:								
(1) Statu:	5: Ite De <b>gion</b> Started			10	-MAY-02				
(h) Par	rametric Coat <b>Estimates</b> u	<b>sed</b> to dev	elop costs	10	VES				
(2) Fa		15%							
(d) Dat	e 35% Designed	2005		10	-SEP-02				
(e) Da	te Design Complete			15	-SEP-03				
(C) 50 (f) End	rov Study/Life-Cycle ana	l <b>vsis</b> was/	will be perfo	ormed	YES				
(2)					120				
(2) Basis	:								
(a) S	tandard or Definitive Desi	gn -			NO				
(b) Wh	ere Design Was Most Recent	- Used -							
(3) Tota	L Cost (c) = (a) + (b) or	(d) + (e):			(\$000)				
(a) Pi	oduction of <b>Plans</b> and Spe	cification	.8		0				
(b) Al	l Other <b>Design Costs</b>				82				
<b>(c)</b> To	tal				82				
( <b>d</b> ) Co	ntract				0				
(e) In	-house				0				
(4) Conet	ruction Contract Award				03 DEC				
(5) Conet	ruction Start				04 JAN				
(6) Const	ruction Completion				04 DEC				
* Indicat which i cost an	es <b>completion</b> of Project s comparable to traditions d executability.	Definition al 35% des	with Paramet ign to <b>ensure</b>	tric Coet Estin a valid scope,	mate				
b. Equipmen	t associated with <b>this</b> pro	oject prov	ided from oth	ner appropriati	lons:				
			FISCA	L YEAR					
		PROCURIN	G APPRO	PRIATED	COST				
EQUIPMEN	T NOMENCLATURE	APPROPRIAI	ION OR RE	QUESTED	(\$000)				
SIMULATO	2	3080	2	2002	7,000				
l									

1. COMPONENT AIR FORCE	1. COMPONENT     FY 2004 MILITARY CONSTRUCTION PROJECT DATA 2     . DATE       AIR FORCE     (computer generated)									
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TIT	LE				
ROBINS AIR FOR	CE BASE	, GEORGIA		CORR	OSION CONT	<b>ROL PAINT</b> F	ACILITY			
5. PROGRAM ELE	TRENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER 8.	PROJECT	COST <b>(\$000)</b>			
						Auth:	26,250			
72896		211-159	UH	HZ003	3011	Approp: 25,731				
		9. CO	ST ESTID	LATES	1	T				
		TUURA		U/M	QUANTITY	UNIT	COST			
CORROSION CONT	ROL PAI	T FACILITY		<b>S</b> M	9,850	0	18,582			
HIGH BAY HANG	AR			SM	8,650	1,990	( 17,214 )			
ADMINISTRATIV	SPACE			<b>5</b> M	1,200	1,140	(1,368)			
SUPPORTING FAC	ILITIES						5 197			
UTTLITTES				т.я			(1,800)			
PAVEMENTS				LS			( 1 225)			
SITE IMPROVEM	ENTS			LS			(1,200)			
DEMOLITION				SM	1,458	200	(292)			
COMMUNICATION	SUPPOI	RT		LS			(280)			
FACILITY RENO	VATION 3	FOR RELOCATION		LS			( 300 )			
SUBTOTAL	• đ					1	23,778			
CONTINGENCY	(5.0	<b>%</b> )					1,189			
TOTAL CONTRACT	COST	••					24.967			
SUPERVISION. I	NSPECTI	NY AND OVERHEAD	(5.7%)				1.423			
·							26.390			
TOTAL REQUEST	(ROUNDED	D)					26,250			
EQUIPMENT FROM	OTHER	APPROPRIATIONS (NO	N-ADD)				(7,000)			
- Description	on of Pr	oposed Constructio	ma: Sing	le-ba	v structu	re with rei	nforced			
concrete slab	on <b>pier</b>	and grade <b>beams</b> ,	steel fr	ame,	and steel	masonry wal	lls. Includes			
aircraft access	s paveme	<b>n</b> t, shoulders, veh	nicle par	king,	utilitie	s, industria	al waste			
pretreatment, f	ire <b>sur</b>	pression system, ]	l <b>aminar</b> a	ir <b>e</b>	straction	system, and	all <b>necessary</b>			
support. Demol	lish one	e facility totaling	1,458 S	м.						
Air Conditionin	<b>ng:</b> 20	00 KW.	0.000	arro		0.000				
II. REQUIRERENT	. 9,65	ADEQUATE	: U AM	SUB	STANDARD:					
PROJECT: Consti	ruct a c	corrosion control p	paint fac	cilit	y. (Curr	ent Mission	) 4			
REQUIRE apage	A proper	Ty sized and confi	igurea co raft <b>proc</b>	orrosi	lon contro. Lat Warne	r <b>Bobine</b> Ai	is required to			
Center (WR-ALC)	, inclu	ding the C-5. Fa	cility	will	allevia	te the bottle	neck in the <b>depot</b>			
maintenance pr	ocess	and allow cont	ract wor	k to b	e returned to	the <b>base</b> .	The hangar will			
include space i	for shop	os, tool <b>cribs,</b> sto	orage, <b>re</b>	stro	ms and ad	ministrativ	e space. The			
additional capa	acity is	needed to reduce	flow day	ys an	d increase	fleet read	diness. In			
addition, build	ling 44	will need to be re	enovated	for 1	relocating	personnel	from building			
Also building 6	50, which	h <b>is</b> in the same s	site area	, wil	l have to	be relocate	ed.			
CURRENT STITIA	ION: 91	ortfalls in depot	aircraf+	,	nt capacit	v exists wi	th present and			
future aircraft	workld	ad. WR-ALC has b	een force	ed to	incur add	itional cos	ts and delays			
to the depot m	aintenar	ce process by co	ntractin	g ou	t the aircra	ft paint sho	rtfall. This			
has occurred e	ven thou	<b>igh a</b> 3 shift/day,	7 day/we	eek s	chedulewas	employed.	This shift in			
operation has h	esuited	LIN ADDITIONAL COS	sts to th	le pro	bcess. SCh	eaurea week	ena workload			
DD FORM 1391, I	DEC 76	Previous e	ditions	are c	bsolete.		Page No.			

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1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA							
AIR FORCE	(computer generated)							
3. INSTALLATION AND	TLE							
ROBINS AIR FORCE BAS	<b>E,</b> GEORGIA	CORROSION CON	TROL PAINT FACILITY					
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)					
72696	211-159 <b>UHHZ003011</b> 26,250							

LAS placed an unacceptable strain on personnel, equipment, and the facilities since :here is no residual capacity for scheduled maintenance of the equipment and facilities. <u>MPACT IF NOT PROVIDED</u>: There will continue to be shortage of paint capacity at the WR-LC. Critical depot level corrosion control of aircraft will continue to be performed :hrough contracted sources. This Air Logistics Center will continue to experience the idditional costs associated with contract painting and the operating commands will :ontinue to experience the delays in the return of mission ready aircraft.

**IDDITIONAL:** This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." An economic analysis has been prepared comparing the ilternatives of new construction and status quo operation. Based on the net present ralues awl benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project. The requirement for this project was ralidated by the Joint-Service Depot Maintenance Industrial Military Construction Review on 15 Aug 01. Base civil Engineer: Col Michael Norrie (912) 926-3093. High Bay Hangar: 1,650 SM = 93,074 SF; Administrative Space: 1,200 SM = 12,912 SF. Design Build -Sesign Build Cost (4% of Subtotal Cost): \$951,000.

**<u>TOINT USE CERTIFICATION</u>**: This facility can be used by other **components** on an **"as Ivailable"** basis; **however**, the scope of the project is based on Air Force requirements.

IR FORCE		YY 2004 MILITARY (com	Y CONSTI puter ge	<b>UCTION PROJECT</b>	<b>DATA</b>	2.	DATE
. INSTALLATIO	N AND LO	CATION			TT.E		
ORTNE ATR FOI		GEODGIA		COPPOSTON COL			τv
DROGRAM ELI		6. CATEGORY COL	DE 7. F	ROTECT NUMBER	8. PROTECT	COST	(\$000)
		011 150					(4000)
72896		211-159		UHHZ003011	2	6,250	)
2. SUPPLEMENT	TAL DATA	8					
a. Estimated	<b>d</b> Design	Data:					
(1) Project t	to be <b>ac</b>	complished by de	sign-bu	ild procedure	s		
(2) Basis:							
(a) St <b>(b)</b> Whe	andard o ere Desig	r Definitive Desi gn Was Most Recen	.gn - htly <b>Use</b>	d -			No
(3) <b>All</b> of	ther Desi	lgn Costs					714
(4) Constr	uction (	Contract Award				03	DEC
(5) constr	uction s	tart				04	JAN
(6) Constr	ruction C	completion				05	sep
(7) Energy	y Study/	Life-Cycle analys	sis was/	will be perform	ned		YES
INITIAL O	UTFITTIN	g equipment	301	.0	2004		7,000
INITIAL O	UTFITTIN	g equipment	301	.0	2004		7,000
INITIAL O	UTFITTIN	g equipment	301	.0	2004		7,000
INITIAL O	UTFITTIN	g equipment	301	0	2004		7,000
INITIAL O	UTFITTIN	g rquipment	301	.0	2004		7,000
INITIAL O	UTFITTIN	g equipment	301	.0	2004		7,000
INITIAL O	UTFITTIN	g equipment	301	.0	2004		7,000
INITIAL O	UTFITTIN	g equipment	301	.0	2004		7,000
INITIAL O	UTFITTIN	g equipment	301	.0	2004		7,000
INITIAL O	UTFITTIN	g equipment	301	.0	2004		7,000
INITIAL O	UTFITTIN	g equipment	301	.0	2004		7,000
INITIAL O	UTFITTIN	g equipment	301	.0	2004		7,000
INITIAL O	UTFITTIN	g equipment	301	.0	2004		7,000
INITIAL O	UTFITTIN	g equipment	301	.0	2004		7,000
INITIAL O	UTFITTIN	g equipment	301	.0	2004		7,000
INITIAL O	UTFITTIN	g equipment	301	.0	2004		7,000
INITIAL O	UTFITTIN	g equipment	301	.0	2004		7,000
INITIAL O	UTFITTIN	g equipment	301	.0	2004		7,000

1. COMPONENT		F	1 2004	MILITA	RY CONS	STRUCTI	ON PRO	GRAM	2. DATE	
AIR FORCE										
3. INSTALLATION	AND LO	CATION		4. COI	MMAND:			5. AREA CO	NST	
HICKAM AIR FOR	CE BASE			PACIF	IC AIR FO	RCES		COST INDEX		
HAWAII								1.55	i	
6. Personnel	PE	RMANEN	Γ	S	TUDENTS		SU	PPORTED		
Strength				OFE	ENI					TOTAL
AS OF 30 SEP 02	706	2 621	1 3 2 7	162	ENL 54	224	21	157	057	
END FY 2007	700	2,031	1 320	162	54	324	31 21	157	957	0,249
	100 102) ATA	2,000 ()	1,020	102	54	524	51	157	007	0,18
Total Acreage		2 851								
		2,001								
Inventory Total as	of : (30 S	sep 02)								3,601,95
Authorization Not Y	et in Inve	entory:								7,900
Authorization Requ	ested in f	this Progra	im:							71,47
Authorization Inclue	ded in the	e Following	Progr	am:	(FY 2005)	)				
Planned in Next Fo	ur Years	Program:								209,67
Remaining Deficier	ncy:									91,93
Grand Total:										3,982,94
8. PROJECTS REC	QUESTE	D IN THIS	PROG	RAM:			(FY 200	4)		
CATEGORY								COST	DESIGN	STATUS
<u>CODE</u>	PROJEC	T TITLE				<u>S C O P E</u>		<u>\$,000</u>	<u>START</u>	CMPL_
113-321	Expand S	Strategic A	irlift Ra	Imp		37,360	SM	10,102	Apr-02	Jul-03
141-753	C-17 Sq	uadron Op	eration	S		3,542	SM	10,674	May-02	Sep-03
171-212	C-17 Flig	pht Simulat	or Faci	lity		1,170	SM	5,623	May-02	Sep-03
211-111	C-17 Co	rrosion Co	ntrol/M	aint Fac	ility	4,784	SM	30,400	Apr-02	Sep-03
610-129	C-17 Co	nsolidated	Mainte	nance (	Complex	2,215	SM	7,529	Apr-02	Aug-03
906-245	C-17 Kur	ntz Gate a	nd Roa	d		1	LS	3,050	May-02	Sep-03
812-225	C-17 Su	pport Utiliti	es, Pha	ase 1		1	LS	4.098	Jul-02	Sep-03
							Total	71,476	• • • • • • • • • •	
9a Euture Projects	s Include	d in the F	ollowin	a Proar	am:	(FY2	005)			
	. moludo		0	99.		( 2	000)	None		
9b Euture Projects	: Typical	Planned	Next Fo	our Yea	rs:	SCOPE		COST		
113-321	Realian /	Aircraft Pa	rking R	amn Pl	hase 1	42 476	SM	11 600		
113-321	Realign /	Aircraft Pa	rking R	amp Pl	lase 2	37 700	SM	8 355		
113-321	Renair A	infield Pav	ement	Phase :	3	125 354	SM	18 023		
113-321	Renair A	infield Pav	ement	Phase	4	120,004	1.5	11,000		
130-841	Renlace	Military W	orkina l	Dog Kei	nels	240	SM	1,300		
134-336	Replace	Ground Co	ontrol C	enter		240	15	4 200		
141-786	Joint Mol	bility Com	lex (P/	ACAF/A	MC)	8 4 3 6	SM	29 800		
141-700	Renlace	Supply Wa	arehou	se Com	nlex	13 600	SM	15 000		
610-284	Operation	nalize HO	PACAR	- Ruildir	na Ph 1	26 450	SM	23 000		
721 142	Eiro Stati	ion/Crash		a Soto	llite Statio	20,400	SM	13 600		
731-142	Poplace	Base Edu	vescue	ibrany (	anter	3 500	SM	12,000		
733-441		r Eitness (	ontor	library	Jenter	6,002	SM	14 000		
172-017		Electrical	Dietrib	ution Su	etem	0,002	10	22 000		
922 266	Densir S	owerLine	มอแมต	ution by	316111	5 000	CM	23,000		
032-200	Donair M	ower Line: Votor Dietri	bution	Maine		5,000	1 M	1,000 1 A DUU		
042+240 951 147	Improve	Kunte Distri	dway	11/21/13		3,300		12 000		
001-147	mpiove		uway			I	10	13,000		
1										

 10. Mission or Major Functions: The host air base wing supports C-135B/C aircraft and hosts Headquarters, Pacific Air Forces. The installation also hosts an Air National Guard wing consisting of an F-15A/B squadron, an air refueling squadron (KC-135), and an airlift squadron (C-130H). Other major activities include an Air Intelligence Agency intelligence group and an Air Mobility Support group.

 11. Outstanding pollution and Safety (OSHA Deficiencies:

 a. Air pollution
 b. Water Pollution
 c. Occupational Safety and Health
 d. Other Environmental

DD Form 1390, 24 Jul 00

1. COMPONENT	FY 2004 MILITARY CONSTRU	JCTIO	N PROJECT	DATA	2. DATE			
AIR FORCE	(computer gen	nerate	ed)					
3. INSTALLATION AND	LOCATION	4. P	ROJECT TI	FLE				
HICKAM AIR FORCE BASI	S, HAWAII	EXPAI	ND STRATE	GIC AIRLIFT	RAMP			
5. PROGRAM <b>ELEMENT</b>	6. CATEGORY CODE 7. PROJ	ECT 1	NUMBER	8. PROJECT	COST (\$000)			
27596	113-321 <b>K</b> X	MD043	3002	Auth: Approp:	10,102			
	9. Cost <b>esti</b>	ATES						
				UNIT	COST			
<u> </u>	ITEM	<u>10/M</u>	QUANTITY					
EXPAND STRATEGIC AIR	LIFT RAMP	SM	1	0	8,406			
EXPAND RAMP		SM	37,360	225	( 8,406)			
SUPPORTING FACILITIES	3				879			
VTILITIES		LS			( 442)			
SOIL REMEDIATION		LS			(217)			
ARCHAEOLOGICAL MONI	FORING	LS			(70)			
DRAINAGE		LS			(150)			
SUBTOTAL					9 285			
CONTINGENCY (5.0	<b>\$</b> .)				464			
TOTAL CONTRACT COST					9 749			
SUPERVISION INSPECT	ION AND OVERHEAD (65%)				634			
POTAL DECIDENT					10 292			
TOTAL REQUEST					10,383			
ICIAL REQUEST (ROUND				· ·	10,303			
10. Description of H	roposed Construction: Reco	ntigu archa	re island	s, expansion	n of concrete			
remediation, and appu	rtenances.	u1 0110	loologicul		, 2011			
L1. REOUIREMENT: 173	.226 SM ADEOUATE: 135	,866	SM SU	BSTANDARD: 0	SM			
ROJECT: Expand ai:	rcraft parking ramp. (Curre	nt <b>Mi</b>	ssion)					
			,					
EQUIREMENT: An adeq	uately eized and configured	airc	raft park	ing ramp to	support			
strategic airlift ope	erations in support of Pacif	ic Co	<b>mman</b> d Ope	erations Pla	ns (OPLANs).			
CURRENT SITVATION:	he strategic airlift ramp c	an <b>a</b> c	commodate	only four (	C-5 aircraft.			
Pacific Command warts	me tasking requires parking	for	at least	twelve C-5 a	aircraft to			
<b>meet</b> simultaneous re	fueling of aircraft for a qu	ick t	urnaround	l.	_			
MPACT IF NOT PROVIDE	<u>D:</u> Lack of adequate aircr	aft p	arking <b>ra</b>	mp space and	d refueling			
iyorants will severel	y slow critical strategic a	11111	t support	to Pacific	Command during			
ADDITIONAL. This pro	viect meets the scope/criter	ia gr	ecified i	n Air Force	Handbook 32-			
1084, "Facility Requi	rements." A preliminary an	alysi	s of reas	sonable opti	ons for			
satisfying this requi	irement indicates that only	one c	ption wil	1 meet miss:	ion needs.			
therefore, a complete	e economic analysis was not	perfo	ormed. A	certificate	of exemption			
has been prepared.	nas been prepared. Antiterrorism/Force protection will be in accordance with the local							
Threat assessment.	Related DLA FY04 MILCON AIR	lircr	Hydrant F aft Darbi	ra Pampa 37	360 SM -			
14,683 SY.	MOGIM (808/ 119-1000. A		urt faiki	ma wormer: 21	,			
TOTNT USE CBRTIFICATI	ION: This facility can be us	ed by	v other co	mponents on	an <b>*as</b>			
available" basis; how	vever, the scope of the pro-	ject	is based	on Air Force	requirements.			

1. COMPONENT AIR FORCE	FY 2004 MILITARY C	ONSTRUCTION PROJECT er generated)	DATA 2. DATE
3. INSTALLATION AND L	OCATION	4. PROJECT T	ITLE
HICKAM AIR FORCE BASE	, HAWAII	EXPAND STRAT	EGIC AIRLIFT RAMP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)
27596	113-321	KNMD043002	10,383
12. SUPPLEMENTAL DATA	:		
a. Estimated Design	Data:		
(1) Status:			
(a) Date Desig	n Started	to downlop gogta	15-APR-02
(D) Parametric	COSt Estimates used	2002	YES
$(\mathbf{d})$ Date 35% D	mpiece as of of JAN	2003	128 20-950-02
(a) Date Desig	m Complete		15-TH 02
(f) Energy Stu	dv/Life-Cycle analys	is was/will be perfo	
	ay/life cycic analys	ib wab/will be perio	No No
(2) Basis:			
(a) Standard ( (b) Where Desi	or Definitive Design gn Was <b>Most</b> Recently	- 7 Used -	NO
(3) Total Coat (d	(a) = (a) + (b)  or  (d)	) + (e):	(\$000)
(a) Production	n of Plans and Specif	fications	618
(b) All Other	<b>Design</b> Costa		309
(c) Total			927
(d) Contract			824
(e) In-house			103
(4) Construction	Contract Award		03 DEC
(5) Construction	Start		04 FEB
(6) Construction	Completion		0 5 <b>JUL</b>
<ul> <li>Indicates compl which is compar- cost and execut</li> </ul>	etion of Project Def able to traditional ability.	inition with Paramet 35% design to ensure	ric Cost Estimate valid scope,
b. Equipment associ N/A	ated with this proje	ct provided <b>from</b> oth	ner appropriations:

1. COMPONENT		FY 2004 MILITARY	CONSTRV	CTION	N PROJECT	DATA	2. DATE	
AIR FORCE		(comp	ucer gen	erate				
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	TLE		
HICKAM AIR FOR	CE BASE	, HAWAII	-	C-17	FLIGHT S	IMULATOR FAC	ILITY	
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PROJ	JECT NUMBER 8. PROJECT COST (\$000)				
41130		171-212	MD033	005	Auth: 5,736 Approp: 5,623			
		9. COS	T <b>ESTI</b>	<b>ate</b> s				
				1		UNIT	COST	
		ITEM	·····	<u>u/m</u>	QUANTITY			
CONSTRUCT C-17	FLIGHT	SIMULATOR FACILITY		LS			4,261	
FLIGHT SIMULAT	FOR			SM	1,170	3,627	( 4,244 )	
ANTITERRORISM	FORCE	PROTECTION		SM	1,170	15	( 18 )	
SUPPORTING FACE	LITIES						873	
UTILITIES				LS			( 310)	
PAVEMENTS				LS			( 91)	
SITE IMPROVEM	ents			LS			(20)	
SPECIAL FOUND	ATION			LS			( 140)	
SOIL REMEDIAT	ION			LS			( 132)	
COMMUNICATION	S SUPPO	RT		LS			( 105)	
ARCHAEOLOGICA	L MONIT	ORING		LS			(75)	
SUBTOTAL							5,134	
CONTINGENCY	( 5.0	\$)					257	
<b>TOTAL</b> CONTRACT	COST					[ ]	5,391	
XJPERVISION, IN	NSPECTI	ON AND OVERHEAD (	6.5 %)				350	
TOTAL REQUEST							5,741	
COTAL REQUEST	ROUNDE	D)					5,736	
QUIPMENT FROM	OTHER 1	APPROPRIATIONS (NON	-ADD)				( 25,000.0)	
.0. Descriptio <b>iteel</b> frame, <b>ma</b> <b>:oom</b> , hydraulic <b>:ooms</b> , admin of kilities, site <b>ircheological</b> m rir Conditionin	n of Pr sonry v pump r fices, impro- onitori g: 70	oposed Couatruction walls, aud sloped mo coom, simulator main mechanical room, f vements, pavements, ng. KW.	n: Rein etal room ntenance ire dete contami	force f. I shop actio nated	d concrete includes s , trainin n/suppres l soil <b>rem</b>	e foundation imulator bay g/briefing-d sion <b>systems</b> ediation and	, floor slab, , computer ebriefing . All	
.1. REQUIREMENT	: 1,17	0 SM ADEQUATE	::0SM	SI	UBSTANDARI	: 0 SM		
RodeCruct C	-17 f	light <b>simulator</b>	facilit	y.	(New Miss	ion)		
EQUIREMENT: A	C-17 s	ix-axis flight simu	lator p	roper	ly sized a	and configur	ed for	
fficient aircr	ew init	ial training, qual	ificatio	n, pr	oficiency	and effecti	ve mission	
rocedures train	ning.	Thie simulator <b>is</b> (	essentia	l to	provide h	azardous/eme	rgency	
:raining proced	ures the for C-	at are otherwise no	ot availa	abie ad on	through of	imulator to	g avenues.	
atio than othe	r curre	ent <b>inventorv</b> aircra	aft.		. intgilet S.	LMUIALUI LU	LIYING MOULE	
TURRENT SITVATT	ON: H	ckam Air Force Base	e does n	ot ha	ve a flig	ht simulator	facility.	
'here is no fac	ility o	on baee that can hou	use a fl:	ight	simulator	. Construct	ion of a new	
light simulato	r facil	ity is essential to	support	the	C-17 bed	lowu.		
MPACT IF NOT P	ROVIDED	: The C-17 is a ■	simulat	or in	tensive" a	aircraft, whi	.ch, if not	
.ocated on Hick	am AFB	, would add major <b>am</b>	ounts of	off	-station	training for	aircrews in	

DD FORM 1391, DEC 76 Previous editions are obsolete.

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
AIR FORCE		(computer generated)							
3. INSTALLATIC	TION AND LOCATION 4. PROJECT TITLE								
HICKAM AIR FOR	ORCE BASE, HAWAII C-17 FLIGHT SIMULATOR FACILITY							ITY	
5. PROGRAM ELE	MENT 6. CATEGORY CODE 7. PROJECT 1					umber	8. PROJECT COS	ST (\$000)	
41130		171-212		KN	DMD0330	005	5,7	36	

ioth the initial and recurring requirements. Scheduling and the use of off-station imulator training would overload CONUS simulator facilities (Charleston AFB, McChord FB and Altus AFB) for initial C-17 aircrew training requirements. Additionally, the lifficulty in managing aircrew members availability, significant travel times from lawaii to CONDS locations, and the difficulty of effective and timely sequencing of lesired aircrew training task completion would seriously degrade aircrew qualification .evels and impact mission capability.

**DDITIONAL:** This project meets the scope/criteria specified in Air Force Handbook 32-.084, "Facility **Requirements.**" A preliminary **analysis** of reasonable options for **atisfying this** requirement indicates that only one option will meet mission needs. **Therefore**, a complete economic **analysis was** not performed. A certificate of exception **was** been prepared. Base Civil Engineer: Colonel Steven E. Hoarn, 808-449-1660. Flight **Simulator** Facility: 1,170 SM = 12,589 SF.

## BASE CIVIL ENGINEER: Kim

**FOINT USE CERTIFICATION:** This facility can be used by other components on an **"as wailable"** basie; however, the scope is based on Air Force requirements.

1. COMPONENT       FY 2004 MILITARY CONSTRUCTION PROJECT DATA       2. DATE         AIR FORCE       (computer generated)       2. DATE         3. INSTALLATION AND LOCATION       4. PROJECT TITLE         HIGHM AIR FORCE BASE, HAWAII       C-17 FLIGHT SIMULATOR FACILITY         5. PROGRAM ELEMENT       6. CATEGORY CODE         41130       171-212         SUPPLEMENTAL DATA:       a. Estimated Design Data:         (1) SUPPLEMENTAL DATA:       a. Estimated Design Started         (a) Date Design Started       30-MAY-02         (b) Parametric Cost Estimates used to develop costs       ISS         (c) Percent Complete as of 01 JAN 2003       15%         (d) Date 35% Designed       02-SEP-02         (a) Bate Startig Complete       IS-SEP-02         (b) Mare Design Complete       No         (c) Tearing Study/Life-Cycle analysis was/will be performed       YES         (c) Date 35% Designed       172         (d) Cost (c) = (a) + (b) or (d) + (e):       (\$0000)         (a) Total Cost (c) = (a) + (b) or (d) + (e):       (\$0000)         (a) Construction Contract Award       03 DEC         (b) All Other Design Costs       57         (c) Construction Completion       05 FEB         . Indicates completion of Project Definition with Parametric Cost Estimate whi		r				······	<u> </u>	<u> </u>		
ATR FORCE       (computer generated)         3. INSTALLATION AND LOCATION       4. PROJECT TITLE         HICKAM AIR FORCE BASE, HAWAII       C-17 FLIGHT SIMULATOR FACILITY         S. PROGRAM ELEMENT       6. CATEGORY CODE       7. PROJECT NUMBER       8. PROJECT COST (\$000, 11/2, 12/2)         12. SUPPLEMENTAL DATA:       a. Estimated Design Data:       11/212       RNMD033005       5,736         12. SUPPLEMENTAL DATA:       a. Estimated Design Data:       30-MAY-02       (b) Parametric Cost Estimates used to develop costs       YES         . (c) Percent Complete as of 01 JAN 2003       15%       0.2-SEP-03       15%         . (c) Percent Complete as of 01 JAN 2003       15%       0.2-SEP-03       15%         . (d) Date Design Complete       15-SEP-03       15       15%         . (a) Standard or Definitive Design -       No       No       15%         . (a) Standard or Definitive Design -       No       10/4       12/2         . (b) Marce Design Was Most Recently Used -       130       14/4       172         . (c) Total       . Odd (d) + (e):       (\$0000)       13/4       16       16/2         . (d) Contract       . Add Cost Estimate Sign Costs       172       172       172         . (d) Construction Completion       0.5 PEB       . Indicates c	1. COMPONENT		FY 2004 MILIT	ARY C	ONSTRUCI	ION PROJECT	DATA	2. DATE		
3. INSTALLATION AND LOCATION HICKAM ARE PORCE BASE, HAWAIN S. PROGRAM ELEMENT 4. FROJECT TITLE C-17 FLIGHT SIMULATOR FACILITY C-17 FLIGHT SIMULATOR C-17 WEAPONS SYSTEM SIMULATOR C-17 W	AIR FORCE		(0	compute	er gener	ated)				
HICKAM AIR FORCE BASE, HAWAII       C-17 FLIGHT SIMULATOR FACILITY         5. PROGRAM ELEMENT       6. CATEGORY CODE       7. PROJECT NUMBER       8. PROJECT COST (\$000         41130       171-212       NUMDO33005       5.736         12. SUPPLEMENTAL DATA:       a. Estimated Design Data:       3.0-MAY-02       5.736         (a) Date Design Started       30-MAY-02       15       5.736         (b) Parametric Cost Estimates used to develop costs       YES       15         (c) Date Design Complete       01 JAN 2003       15         (d) Date 35% Designed       02-SEP-03       15         (e) Date Design Complete       15-SEP-03       15         (f) Date 35% Designed       02-SEP-02       15         (a) Standard or Definitive Design -       No       No         (b) Mare Design Nae Most Recently Used -       15       16         (d) Contract       (b) or (d) + (e):       (\$000)         (a) Total Cost (c) = (a) + (b) or (d) + (e):       (\$0000)       12         (b) All Other Design Costs       172       16         (d) Contract       40       41         (e) Total       05       57         (f) Construction Completion       05       57         (g) Construction Completion of Project Definitio	3. INSTALLATI	ON AND LC	CATION			4. PROJECT	TITLE			
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000 41130 171-212 XNMD033005 5.736 12. SUPPLEMENTAL DATA: a. Estimated Design Data: (1) Status: (a) Date Design Started 30-MAY-02 (b) Parametric Cost Estimates used to develop costs 72E . (c) Percent Complete as of 01 JAN 2003 15% . (d) Date Design Complete 10-SEC (e) Date Design Complete 115-SEP-03 (f) Energy Study/Life-Cycle analysis was/will be performed 72E (a) Standard or Definitive Design - No (b) Where Design Wae Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Prodaction of Plans and Specifications 344 (b) All Other Design Costs 172 (c) Total (cost c) = (a) + (b) or (d) + (e): (\$2000) (a) Prodaction of Plans and Specifications 344 (b) All Other Design Costs 77 (4) Construction Contract Award 03 DEC (5) Construction Completion 05 PEB . Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability. b. Equipment associated with this project provided from other appropriations: FROCURING FROCUENTOR OR EQUESTED (\$2000) C-17 WEAPONS SYSTEM SIMULATOR 3080 2004 25,000	HICKAM AIR FO	RCE BASE,	HAWAII			C-17 FLIGHT	SIMULATOR F	ACILITY		
41130     171-212     XNMD033005     5,736       12. SUPPLEMENTAL DATA:     a. Estimated Design Data:     (1) Status:     (a) Date Design Started     30-MAY-02       (b) Parametric Cost Estimates used to develop costs     (c) Percent Complete as of 01 JAN 2003     15%     (c) Date 35% Designed     02-SEF-03       (c) Date 35% Designed     02-SEF-03     (f) Energy Study/Life-Cycle analysis was/will be performed     YES       (a) Standard or Definitive Design -     No     (b) Where Design Was Most Recently Used -     No       (a) Standard or Definitive Design -     No     (b) All Other Design Costs     172       (a) Standard or Definitive Design -     No     (b) All Other Design Costs     172       (c) Total Cost (c) = (a) + (b) or (d) + (e):     (\$000)     (a) Prodeaction of Plans and Specifications     344       (b) All Other Design Costs     172     15     172       (c) Total     516     57       (4) Construction Contract Award     03 DEC       (5) Construction Completion     05 FEB       • Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.       b. Equipment associated with this project provided from other appropriations:       FEQUIPMENT NOMENCLATURE     APPROFENTION     COST       APPROFENTION     2004     25,000  <	5. PROGRAM EL	EMENT	6. CATEGORY	CODE	7. PROJ	ECT NUMBER	8. PROJECT	COST (\$000)		
12. SUPPLEMENTAL DATA:         a. Estimated Design Data:         (1) Status:       30-MAY-02         (b) Parametric Cost Estimates used to develop costs       YES         . (c) Percent Complete as of 01 JAN 2003       15%         . (d) Date 35% Designed       02-SEP-03         . (e) Date Design Complete       15-SEP-03         . (f) Energy Study/Life-Cycle analysis was/will be performed       YES         (2) Dasis:       (a) Standard or Definitive Design -       No         (a) Standard or Definitive Design -       No         (b) Mhere Design Wae Moat Recently Used -       13         (3) Total Cost (c) - (a) + (b) or (d) + (e):       (\$000)         (a) Prodeation of Plans and Specifications       344         (b) All Other Design Costs       172         (c) Total       516         (d) Contract       459         (e) In-house       57         (4) Construction Completion       03 DEC         (5) Construction Start       04 JAN         (6) Construction Completion       05 FEB         . Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.         b. Equipment associated with this project provided from other appropriations: <td colspan="2" prope<="" td=""><td>41130</td><td></td><td>171-212</td><td></td><td>KNI</td><td>D033005</td><td></td><td>5,736</td></td>	<td>41130</td> <td></td> <td>171-212</td> <td></td> <td>KNI</td> <td>D033005</td> <td></td> <td>5,736</td>		41130		171-212		KNI	D033005		5,736
<ul> <li>a. Estimated Design Data:         <ul> <li>(a) Status:                 <ul></ul></li></ul></li></ul>	12. SUPPLEMEN	TAL DATA:					-!			
<pre>(1) Status:     (a) Date Design Started</pre>	a. Estimate	d Design	Data:							
(a) Date Design Started       30-MAX-02         (b) Parametric Cost Estimates used to develop costs       YES         (c) Percent Complete as of 01 JAN 2003       15%         (d) Date 35% Designed       02-SEP-02         (e) Date Design Complete       15-SEP-03         (f) Energy Study/Life-Cycle analysis was/will be performed       YES         (a) Standard or Definitive Design -       No         (b) Where Design Wae Most Recently Used -       No         (b) Where Design Costs       172         (c) Total Cost (c) = (a) + (b) or (d) + (a):       (\$000)         (a) Prod&action of Plans and Specifications       344         (b) All Other Design Costs       172         (c) Total       516         (d) Contract       439         (e) In-house       57         (f) Construction Completion       03 DEC         (f) Construction Completion       05 FEB         • Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.         b. Equipment associated with this project provided from other appropriations:         FIGCAL YEAR       APPROPRIATED OR REQUESTED (\$000         C-17 WEAPONS SYSTEM SIMULATOR       3080       2004       25,000	(1) Statu	s:								
(b) Parametric Cost Estimates used to develop costs       YES         . (c) Percent Complete as of 01 JAN 2003       15%         . (d) Date 35% Designed       02-SEP-02         (e) Date Design Complete       15-SEP-03         (f) Energy Study/Life-Cycle analysis was/will be performed       YES         (2) Basis:       (a) Standard or Definitive Design -       No         (b) Where Design Wae Most Recently Used -       (s000)         (a) Prodkaction of Plans and Specifications       344         (b) All Other Design Costs       172         (c) Total       516         (d) Contract       44         (e) In-house       57         (f) Construction Contract Award       03 DEC         (f) Construction Completion       05 FEB         . Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.         b. Equipment associated with this project provided from other appropriations:         FISCAL YEAR       APPROPRIATION OR REQUESTED         (S000       C-17 WEAPONS SYSTEM SIMULATOR       3080       2004       25,000	( <b>a</b> ) Da	te Design	n Started					30-MAY-02		
<ul> <li>(c) Percent Complete as of 01 JAN 2003</li> <li>(d) Date 35% Designed</li> <li>(e) Date Design Complete</li> <li>(f) Energy Study/Life-Cycle analysis was/will be performed</li> <li>(g) Basis:         <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where Design Wae Most Recently Used -</li> <li>(c) Total Cost (c) = (a) + (b) or (d) + (e):</li> <li>(g) Total Cost (c) = (a) + (b) or (d) + (e):</li> <li>(a) Predextion of Plans and Specifications</li> <li>(b) All Other Design Costs</li> <li>(c) Total</li> <li>(d) Contract</li> <li>(e) In-house</li> <li>(f) Construction Contract Award</li> <li>(g) Destruction Start</li> <li>(h) Construction of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> </ul> </li> <li>b. Equipment associated with this project provided from other appropriations:</li> <li>EQUIPMENT NOMENCLATURE</li> <li>EQUIPMENT NOMENCLATURE</li> <li>PEOCURING APPROPRIATED COST</li> <li>(s000</li> </ul>	(b) Pa	rametric	Cost Estimates	used	to deve	elop costs		YES		
. (d) Date 35% Designed       02-SEP-02         (e) Date Design Complete       15-SEP-03         (f) Energy Study/Life-Cycle analysis was/will be performed       YES         (2) Basis:       (a) Standard or Definitive Design -       No         (b) Where Design Wae Most Recently Used -       No       (5000)         (a) Total Cost (c) = (a) + (b) or (d) + (e):       (g000)       (a) Prodeaction of Plans and Specifications       344         (b) All Other Design Costs       172       (c) Total       516       112         (d) Contract       459       516       31 DEC       516         (d) Construction Contract Award       03 DEC       57       61       104 JAN         (6) Construction Completion       05 FEB       05 FEB       11       104 JAN         (6) Construction Completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.       55       Eguipment associated with this project provided from other appropriations:         EQUIPMENT NOMENCLATURE       PEROCURING APPROPRIATION OR REQUESTED (\$000       C-17 WEAPONS SYSTEM SIMULATOR       3080       2004       25,000	• (c) Per	cent Com	plete as of 0	1 JAN	2003			15%		
(e) Date Design Complete       15-SEP-03         (f) Energy Study/Life-Cycle analysis was/will be performed       YES         (2) Basis:       (a) Standard or Definitive Design -       No         (b) Where Design Wae Most Recently Used -       No         (3) Total Cost (c) = (a) + (b) or (d) + (e):       (\$000)         (a) Prod&action of Plans and Specifications       344         (b) All Other Design Costs       172         (c) Total       516         (d) Contract       459         (e) In-house       57         (4) Construction Contract Award       03 DEC         (5) Construction Completion       05 FEB         • Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.         b. Equipment associated with this project provided from other appropriations:         FROCURING       APPROPRIATED       (\$000         C-17 WEAPONS SYSTEM SINULATOR       3080       2004       25,000	• (d) Dat	:e 35% De	esigned					02-SEP-02		
<ul> <li>(f) Energy Study/Life-Cycle analysis was/will be performed YES</li> <li>(a) Standard or Definitive Design -         <ul> <li>(b) Where Design Was Most Recently Used -</li> <li>(c) Total Cost (c) = (a) + (b) or (d) + (e):</li> <li>(c) Prodeaction of Plans and Specifications</li> <li>(d) Contract</li> <li>(e) In-house</li> <li>(f) Construction Contract Award</li> <li>(g) Construction Start</li> <li>(h) Construction Completion</li> <li>(f) Construction Completion</li> <li>(g) Construction Completion</li> <li>(h) Construction Completion</li> <li>(h) Construction of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> </ul> </li> <li>b. Equipment associated with this project provided from other appropriations:</li> <li> <ul> <li>PROCURING APPROPRIATED COST</li> <li>(g) OR REQUESTED (\$000</li> <li>(g) Co-17 WEAPONS SYSTEM SIMULATOR</li> </ul> </li> </ul>	(e) Da	te Design	n Complete	_				15-SEP-03		
<pre>(2) Basis: (a) Standard or Definitive Design - (b) Where Design Wae Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (c) Total (d) Contract (e) In-house (f) Construction Contract Award (f) Construction Start (f) Construction Start (f) Construction Completion (f) Construction C</pre>	(I) En	ergy Stud	dy/Life-Cycle a	analys	is was/v	will be per	formed	YES		
(a) Standard or Definitive Design -       No         (b) Where Design Wae Most Recently Used -       (3) Total Cost (c) = (a) + (b) or (d) + (e):       (\$000)         (a) Prodeaction of Plans and Specifications       344         (b) All Other Design Costs       172         (c) Total       172         (d) Contract       459         (e) In-house       57         (f) Construction Contract Award       03 DEC         (f) Construction Completion       05 FEB         (f) Construction Completion       05 FEB         Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.         b. Equipment associated with this project provided from other appropriations:         EQUIPMENT NOMENCLATURE       APPROPRIATION         PROCURING       APPROPRIATED       COST         (\$000       C-17 WEAPONS SYSTEM SIMULATOR       3080       2004       25,000	(2) Basis	:								
<ul> <li>(b) Where Design Wae Most Recently Used -</li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): <ul> <li>(a) Prodaction of Plans and Specifications</li> <li>(b) All Other Design Costs</li> <li>(c) Total</li> <li>(d) Contract</li> <li>(e) In-house</li> <li>(f) Construction Contract Award</li> <li>(g) Construction Start</li> <li>(h) Construction Completion</li> <li>(f) Construction Completion</li> <li>(g) Construction of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>(h) Equipment associated with this project provided from other appropriations:</li> </ul> Equipment NOMENCLATURE <ul> <li>(h) Equipment System SIMULATOR</li> <li>(h) Construction</li> <li>(h) Construction</li> <li>(h) Properiation</li> <li>(h) System SIMULATOR</li> <li>(h) Construction</li> <li>(h) Construction</li> <li>(h) System Simulation</li> </ul></li></ul>	(a) Si	tandard o	r Definitive D	esign				No		
<ul> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e):         <ul> <li>(a) Prod&amp;action of Plans and Specifications</li> <li>(b) All Other Design Costs</li> <li>(c) Total</li> <li>(c) Total</li> <li>(d) Contract</li> <li>(e) In-house</li> <li>(f) Construction Contract Award</li> <li>(g) Dec</li> <li>(g) Construction Start</li> <li>(h) Construction Completion</li> <li>(g) Construction Completion</li> <li>(h) Construction Completion</li> <li>(h) Construction Completion</li> <li>(h) Construction of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> </ul> </li> <li>b. Equipment associated with this project provided from other appropriations:         <ul> <li>PROCURING APPROPRIATED COST</li> <li>(s000)</li> <li>C-17 WEAPONS SYSTEM SIMULATOR</li> <li>3080</li> <li>2004</li> <li>25,000</li> </ul> </li> </ul>	(b) Wh	ere Desig	n Wae <b>Most</b> Red	cently	Used -					
(a) Prod&action of Plans and Specifications       344         (b) All Other Design Costs       172         (c) Total       516         (d) Contract       459         (e) In-house       57         (4) Construction Contract Award       03 DEC         (5) Construction Start       04 JAN         (6) Construction Completion       05 FEB         • Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.         b. Equipment associated with this project provided from other appropriations:         EQUIPMENT NOMENCLATURE       PROCURING         PROCURING       APPROPRIATED       COST         (\$000       C-17 WEAPONS SYSTEM SIMULATOR       3080       2004       25,000	(3) Total	Cost (c)	= (a) + (b) c	or (d)	+ (e):			(\$000)		
(b) All Other Design Costs       172         (c) Total       516         (d) Contract       459         (e) In-house       57         (4) Construction Contract Award       03 DEC         (5) Construction Start       04 JAN         (6) Construction Completion       05 FEB         • Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.         b. Equipment associated with this project provided from other appropriations:         FROCURING       APPROPRIATED       COST         EQUIPMENT NOMENCLATURE       APPROPRIATION       OR REQUESTED       (\$000         C-17 WEAPONS SYSTEM SIMULATOR       3080       2004       25,000	(a) Pro	od&action	of <b>Plans</b> and a	Specif	ication	3		344		
(c) Total       516         (d) Contract       459         (e) In-house       57         (4) Construction Contract Award       03 DEC         (5) Construction Start       04 JAN         (6) Construction Completion       05 FEB         • Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.         b. Equipment associated with this project provided from other appropriations:         EQUIPMENT NOMENCLATURE       PROCURING APPROPRIATED (\$000 C-17 WEAPONS SYSTEM SIMULATOR         C-17 WEAPONS SYSTEM SIMULATOR       3080       2004       25,000	(b) Al	1 Other 1	Design Costs					172		
(d) Contract       459         (e) In-house       57         (4) Construction Contract Award       03 DEC         (5) Construction Start       04 JAN         (6) Construction Completion       05 FEB         • Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.         b. Equipment associated with this project provided from other appropriations:         EQUIPMENT NOMENCLATURE       PROCURING         APPROPRIATION       OR REQUESTED       (\$000, C-17 WEAPONS SYSTEM SIMULATOR	<b>(c)</b> To	tal						516		
(e) In-house57(4) Construction Contract Award03 DEC(5) Construction Start04 JAN(6) Construction Completion05 FEB• Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.b. Equipment associated with this project provided from other appropriations:FISCAL YEAR APPROPRIATED (\$000 C-17 WEAPONS SYSTEM SIMULATOR3080200425,000	( <b>d</b> ) Co	ntract						459		
<ul> <li>(4) Construction Contract Award</li> <li>(5) Construction Start</li> <li>(6) Construction Completion</li> <li>(7) Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations:</li> <li>PROCURING APPROPRIATED COST EQUIPMENT NOMENCLATURE</li> <li>C-17 WEAPONS SYSTEM SIMULATOR</li> <li>C-17 WEAPONS SYSTEM SIMULATOR</li> <li>Construction Construction Const</li></ul>	<b>(e)</b> In	-house						57		
<ul> <li>(5) Construction Start 04 JAN</li> <li>(6) Construction Completion 05 FEB</li> <li>Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations:</li> </ul> Equipment nomenclature PROCURING APPROPRIATION OR REQUESTED (\$000, C-17 WEAPONS SYSTEM SIMULATOR 3080 2004 25,000	(4) Const	ruction (	Contract Award					03 DEC		
<ul> <li>(6) Construction Completion</li> <li>05 FEB</li> <li>Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations:</li> <li>Equipment NOMENCLATURE</li> <li>PROCURING APPROPRIATED COST OR REQUESTED (\$000</li> <li>C-17 WEAPONS SYSTEM SIMULATOR</li> <li>3080</li> <li>2004</li> <li>25,000</li> </ul>	(5) Const	ruction a	Start					04 JAN		
<ul> <li>Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>Equipment associated with this project provided from other appropriations:         <ul> <li>FISCAL YEAR</li> <li>PROCURING</li> <li>APPROPRIATED</li> <li>COST</li> <li>EQUIPMENT NOMENCLATURE</li> <li>PROCURING</li> <li>APPROPRIATION</li> <li>OR REQUESTED</li> <li>(\$000, C-17 WEAPONS SYSTEM SIMULATOR</li> </ul> </li> </ul>	(6) Const	ruction (	Completion					05 <b>FEB</b>		
b. Equipment associated with this project provided from other appropriations: FISCAL YEAR PROCURING APPROPRIATED COST EQUIPMENT NOMENCLATURE APPROPRIATION OR REQUESTED (\$000 C-17 WEAPONS SYSTEM SIMULATOR 3080 2004 25,000	<ul> <li>Indicate which i cost an</li> </ul>	≥s comple s compara d executa	tion of Projec able to traditi ability.	t Def: .onal :	inition 35% desi	with Parame gn to ensur	etric Cost Es e valid scope	timate 2,		
FISCAL YEAR APPROPRIATIONCOST APPROPRIATIONCOST (\$000C-17 WEAPONS SYSTEM SIMULATOR3080200425,000	b. Equipmen	t associa	ated with this	proje	ct provi	ded from ot.	her appropria	ations:		
C-17 WEAPONS SYSTEM SIMULATOR 3080 2004 25,000	EQUIPMENT	r nomencl	ATURE	PI APP	ROCURING ROPRIATI	FISC APPRO CON OR R	CAL YEAR DPRIATED EQUESTED	COST (\$000)		
	C-17 WEAR	PONS SYST	EM SIMULATOR		3080		2004	25,000		

1. COMPONENT		FY 2004 MILITARY	CONSTRUC	CTION	PROJECT	DATA	2. DATE
AIR FORCE		(comp	uter gen	erate	ed)		
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	TLE	
HICKAM AIR FOR	RCE BASE	, HAWAII		C-17	SQUADRON	OPERATIONS	
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PROJ	ECT ]	NUMBER	8. PROJECT ( Auth	COST (\$000) 10 826
41130		141-753	KN	@D033	3006	Approp:	10,674
		9. COS	ST <b>ESTIM</b>	ATES			
		ТТЕМ		тт / <b>м</b>	OUANTTTY	UNIT	COST
				J/M			
2-17 SQUADRON	OPERATIC	NS		LS			8,434
SQUADRON OPERA	ATIONS			SM	3,280	2,397	(7,862)
ABROMEDICAL EV	VACUATIO	N		SM	262	2,032	( 532)
ANTITERRORISM	<b>FORCE</b> F	PROTECTION		SM	3,542	11	( 39)
SUPPORTING FACT	ILITIES						1,248
UTILITIES				LS			( 300)
PAVEMENTS				LS			( 110)
SITE IMPROVEM	ents			LS			( 105)
COMMUNICATION	S SUPPOR	RT		LS			( 210)
SPECIAL FOUND	ATIONS			LS			( 345)
SOIL REMEDIAT	ION			LS			( 160)
ARCHROLOGICAL	MONITOR	ING		LS			( 18)
SUBTOTAL							9,682
CONTINGENCY	( 5.0	¥)					484
FOTAL CONTRACT	COST						10,166
SUPERVISION, IN	ISPECTIC	N AND OVERHEAD (	6.5 %)				661
FOTAL REQUEST							10,826
FOTAL REQUEST (	(ROUNDED	)					10,826
SQUIPMENT FROM	OTHER #	APPROPRIATIONS (NON-	-ADD)				( 1,200.0)
10. Descriptio	on of Pr	oposed Construction	n: Reini	Eorce	ed concret	e foundation	, floor slab,
:wo-story steel	l frame,	masonry walls, and	d sloped	meta	l roof.	Includes	
priefing/debrie	efing, t	raining, flight pla	anning, i	ntel	ligence,	command poet	, 
perations, admi	in, aero	ire detection/prot	n, lile	supp 11 1	port/surv	site improv	nt, physical
avements, and	enviror	mental <b>requirement</b>	s.			bice impiov	cmerreb y
ir Conditionin	ng: 15	5 KW.					
L1. REQUIREMENT	: 10,2	66 SM ADEQUAT	re: 463 <b>s</b>	м	SUBSTAN	DARD: 1,455S	M
ROJECT: Const	truct C-	17 squadron operat:	ione fac:	Llity	. (New 1	dission)	
EQUIREMENT: 2	A C-17 s	quadron operations	facility	- prc	perly <b>siz</b>	ed and confi	gured to
rupport all sq	uadron c	perations functions	s, as we	ll as	s Aero Meo	dical Rvacuac	tion functions
und Life Suppor	rt/Survi	val Equipment funct	tions. (	Co-lo	ocation of	the Life Su	pport function
und the Surviva	al Equip	ment function will	allow f	or CI	coss utili	zation of li	ke skill sets
:o enhance mana	agement	and workload comple	etion. T	ne C-	-1/ aircre	ew ensembles	and allocrew
rith squadron	operatio	ons enhances effici	ent mana	aemer	t of real	ired flving	TITE POPPOLE
squipment/enser	mbles.	Sup childrenge errict	.ciic maila	Jemer	Tedi	and a regard	
URRENT SITUATI	ION: Pr	esent facilities h	ousing so	ruadr	on operat	ion and life	support
Iunctions for	KC-135 a	and the limited 15	OSS DV f	lying	g operatio	ons will cont	inue to
support those of	operatic	ns and cannot acco	mmodate	the r	new C-17	operations ev	ven with
DD FORM 1391, D	DEC 76	Previous ed	ditions a	re o	bsolete.		Page No.

1. COMPONENT	F	Y 2004 M	ILLITARY	CONST	RUCTI	ON PRO	JECT	DATA	2.	DATE
AIR FORCE		(computer generated)								
3. INSTALLATION AND LOCATION					4. PROJECT TITLE					
HICKAM AIR FOR	R FORCE BASE, HAWAII C-17 SQUADRON OPERATIONS									
5. PROGRAM ELE	MENT 6.	CATEGOR	Y CODE	7. PF	ROJECT	NUMBER	8. PRO	JECT	COST	(\$000)
41130	1130 141-753 KNMD033					006			10,826	

xpansion. C-130 operations share space with KC-135 operations and will not provide lear the amount of space for a new C-17 mission at Hickam. New requirements stemming rom the arrival of the C-17 will be, weapons and tactics, current operations, and wing raining. Additionally, this facility will need to house a new mission of the eromedical (AME) element with their supplies, which no current space on Hickam exists. .ife support functions also need to be incorporated into the design due to the fact that o adequate life support functions to support C-17 operations exist on Hickam. The quadron operations facility will need the standard space for an 8 PAA squadron plus oom for weapons and tactics, AME, current operations, wing training, and life support. **MPACT** IF NOT PROVIDED: Lack of adequate squadron operations facilites will mean lircrew operations, planning, and readiness functions cannot be accomplished to support New aircraft. Capability to accomplish the assigned mission will be seriously degraded. DDITIONAL: This project meets the scope/criteria specified in Air Force Handbook 32-.084, "Facility Requirements". A preliminary analysis of reasonable option8 for latisfying this requirement indicates that only one option will meet mission needs. herefore, a complete economic analysis was not performed. A certificate of exception LAS been prepared. BASE CIVIL ENGINEER: Colonel Steven E. Hoarn, 808-449-1660. guadron Operations: 3,280 SM = 35,292 SF; Aeromedical Evacuation: 262 SM = 2,819 SF. FOINT USE CERTIFICATION: This facility can be used by other components on an "as wailable" basis; however, the scope is based on Air Force requirements.

1. COMPONENT AIR FORCE		<b>FY</b> 2004	MILITARY C (compute	ONSTRUC	IION PROJECT	DATA	2. DATE
3. INSTALLATIO	ON AND L	OCATION			4. PROJECT	TTTLE	
HICKAM ATR FOI	RCE BASE	наматт			C-17 SOUADRO	N OPERATIONS	
5. PROGRAM EL	EMENT	6. CAT	EGORY CODE	7. PROJ	ECT NUMBER	8. PROJECT CO	ST (\$000)
41120		14	1 752	730		10	
41130		14	1-753	K.NI	033006	10,	826
12. SUPPLEMENT	TAL DATA:	:					
a. Estimated	d Design	Data:					
(1) Status	3:						
(a) Dat	te Desig	n Started				02	-MAY-02
(b) Pa:	rametric	Cost Est	imates used	to dev	elop costs		YES
• (c) Per	Cent Cor	nplete as	OF UI JAN	2003		16	15%
• (u) Dat (e) Dat	Le 35% D Fe Desig	n Complet	<u>م</u>			15	-SEP-02
(f) En	erav Stu	dv/Life-C	vcle analys	is was/	will be perf	ormed	YES
(=,	0197 000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	/010 0101/2	10 1100/	will be poil	01mou	120
(2) Basis:	:						
(a) Sta	andard o	r Definit	ive Design	-			NO
(d) Wh	ere Desi	gn was mo	st Recently	vusea -			
(3) Total	Cost (c	<b>:) =</b> (a) -	+ (b) or (d)	+ (e):			(\$000)
(a) Pr	oduction	of Plans	and Speci:	Eication	S		653
(b) Al	l Other	Design Co	sts				327
(c) To	tal 						980
	ntract -bouse						8/1
(8) 111	-nouse						109
(4) Constr	ruction	Contract	Award				04 JAN
(5) Consti	ruction	Start					04 FEB
(6) Const	ruction	Completio	n				05 <b>JUN</b>
• Indicate which is cost an	es comple s <b>compar</b> d execut	etion of <b>able</b> to t ability.	Project Def raditional	inition 35% des	with Paramet ign to ensure	tric Cost Esti: a valid scope,	nate
b. Equipmen	t associ	ated with	this proje	ct prov	ided from otl	her appropriat:	ions:
EQUIPMEN	r nomenci	LATURE	P API	ROCURING	FISCA APPRO ION OR RE	AL YEAR PRIATED QUESTED	COST (\$000)
SYSTEMS	FURNITURI	Ξ		3400	2	2004	1,200

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA 2. DATE									
AIR FORCE		(comp)	<b>iter</b> gen	erate	d)					
3. INSTALLATIO	N AND LC	CATION		4. PR(	JECT TI	rle -				
HICKAM AIR FOR	CE BASE	, HAWAII		c-17 FACII	CORROSIO LITY	N CONTROL/MA	INTENANCE			
5. PROGRAM ELE	DIENT	6. CATEGORY CODE	'. PROJ	ECT 1	NUMBER	COST (\$000) 30,462				
41130		211-111	KIN	MD033	007	Approp:	30,400			
		9. COS	T <b>BSTI</b>	MATES	······	· · · · · · · · · · · · · · · · · · ·				
		ITEM		П/М	OUANTTTY	UNIT	COST			
C-17	COBBOGI	ION CONTROL HANGAR		1.0			10.017			
MATNTENANCE H	ANGAD	ION CONTROL MANGAR		010	3 670	2 052	10,21/			
ATPOPAET COPP	ANGAR			OM CM	3,0/3	5,033	(11,232)	5		
COMPOSITE REP	ATR SHOL			SM	650	3,448	(2,310)			
ANTITERRORISM	FORCE I	PROTECTION		SM	4.784	15	(72)			
AIRCRAFT ACCE	SS RAMP			SM	8,850	195	(1.726)			
SUPPORTING FAC	ILITIES						9.025			
PAVEMENTS				LS			( 400 )			
SITE IMPROVEM	ENTS			LS			( 500)			
DEMOLITION	•			SM	2,435	160	( 390)			
SPECIAL FOUND	ATION			LS			( 640)			
ENVIRONMENTAL	CONTRO	LS		LS			( 6,300)			
SOIL REMEDIAT	ION			LS			( 170)			
ARCHABOLOGICA	L MONIT	ORING		LS		1	( 100)			
COMUNICATION		о <b>т</b>		LS			(305)			
TIDEOTAL	SOFFOI	<u></u>		1.5			( 220)			
SUBICIALI	<b>(</b> E 0	e)					27,241			
POTAL CONTRACT	COST	-67					29 602			
SUPERVISION. IN	NSPECTIC	N AND OVERHEAD (	6.5 %)				1.859			
TOTAL REQUEST							30,463			
TOTAL REQUEST	(ROUNDE	D)				1	30,462	6.0		
QUIPMENT FROM	OTHER 2	APPROPRIATIONS (NON-	ADD)				( 10,000.0)			
.0. Description	on of Pro	oposed Construction bs, masonry wall,	: Rein sloped	nforce meta	d concret	e foundation icludes inst	n, structural alled			
maintenance tra	aining a	reas, environmental	contro	ols, p	ollutant	controls, f:	ire detection/			
<b>protection, mech</b> areas, aircraft access ramp, support facilities, soil <b>remediation</b> and uchaeological monitoring.										
<b>ir</b> Conditionin	ng: <b>14</b>	1 KW.								
11 DECUTEREMENT: 21 860 SM ADECUATE: 0 SM SUBSTANDARD: 16,212 SM										
PROJECT: Construct C-17 corrosion control/maintenance hangar. (New Mission)										
REQUIREMENT: 2	An adequ	ately sized, config	ured an	d sit	ed C-17 c	orrosion com	ntrol facility			
environmentally acceptable manner. Hickam is located in a highly corrosive salt air environmentally acceptable manner. Hickam is located in a highly corrosive salt air										
environment that drives frequent maintenance and repair of the aircraft's exterior surfaces that are comprised of composite materials which require frequent maintenance										

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Previous editions are obsolete.

1. COMPONENT	I	<b>יצ</b> 2004 MI	LITARY	CONSTRU	JCTION PROJECT	DATA	2. DATE	
		(						
3. INSTALLATION AND LOCATION 4. PROJECT TITLE								
HICKAM AIR FOR	ICKAM AIR FORCE BASE, HAWAII C-17 CORROSION CONTROL/MAI FACILITY						TENANCE	
5. PROGRAM ELE	MENT 6.	CATEGORY	CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)	
41130		211-111	L	KN	MD033007	30,4	6 2	

and spot painting to prevent and limit structural and surface damage.

<u>CURRENT SITUATION:</u> Neither PACAF or the base has a facility that can support the full enclosure necessary for C-17 corrosion control and composite maintenance requirements. There are no local work around alternatives to remedy this situation. The maintenance of C-17 and its exterior composite materials is a new requirement at Hickam. No composite material shop exists on base to comply with C-17 technical order requirements, and no current shop space exists that could adequately be converted to meet C-17 composite maintenance requirements. A total of three (3) covered facilities will be required for use by the C-17 mission: 1) the corrosion control facility; 2) a general aircraft maintenance hangar; and 3) a fuels system maintenance facility. The lead time Eor the corrosion control hangar should allow for construction completion to coincide aith the arrival of the first C-17 aircraft and provide the only fully enclosed maintenance covered space sized for the C-17 at Hickam AFB.

**IMPACT** IF NOT PROVIDED: Lack of a proper facility would result in corrosion control and maintenance requirements not meeting aircraft technical manuals criteria. The work cannot be performed under uncontrolled environmental conditions. Some corrosion control could be performed off station. However, due to the frequent maintenance and washing requirements and Hickam AFB's relatively remote location from suitable corrosion control facilities, this would be a very costly and difficult option to effectively manage. Any consideration on off station corrosion control and associated maintenance requirements would have a negative impact on aircraft availability, operational training, efficient maintenance scheduling and mission capability.

ADDITIONAL: This project meets the scope/criteria specified in Air Force Handbook 32-L084, "Facility Requirements". A preliminary analysis of reasonable options for satisfying this requirement indicates that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Colonel Steven E. Hoarn, 808-449-1660. Maintenance Hangar: 3,679 SM = 39,586 SF; Aircraft Corrosion Control: 455 SM = 4,896 3F; Composite Repair Shop: 650 SM = 6,994 SF; Aircraft Access Ramp: 8,850 SM = 95,226 3F.

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

1. COMPONENT AIR FORCE		FY 2004 MILITAR	Y CONSI	TRUCT	ION PROJECT ated)	DATA	2. DATE
2 TNGTATIATT		000 7701			4 DD0 TECE 1		
5. INSTALLATIO		OCATION			4. PROJECT	TITLE	
HICKAM AIR FOR	RCE BASE	, HAWAII			C-17 CORROS FACILITY	ION CONTROL/	MAINTENANCE
5. PROGRAM ELI	ement	6. CATEGORY CO	DE 7.	PROJ	ECT NUMBER	8. PROJECT	COST (\$000)
41130		211-111		KNM	D033007	3	0,462
12. SUPPLEMENT	AL DATA:	:					
a. Estimated	d Design	Data:					
(1) Status (a) Dat	: Ce Desig	n Started				:	15-APR-02
(b) Pai	rametric	Cost Estimates u	used to	deve	elop costs		YES
.(c) Per	cent Con	mplete as of 01	JAN 200	03			15%
• (d) Dat	e 35% De	esigned					25-SEP-02
(e) Dat	ce Desig	n Complete					15-SEP-03
(f) Ene	ergy Stu	dy/Life-Cycle ana	alysis v	was/v	vill be perf	ormed	YES
(2) Basis:	1						
(a) St	andard o	or Definitive Des:	ign -				NO
(b) Whe	ere Desi	gn Was <b>Most</b> Recen	ntly Us	ed -			
(3) Total	Cost (c	(a) = (a) + (b) or	(d) +	(e):			(\$000)
(a) Pr	oduction	of Plans and Sp	ecificat	tions	3		1,861
( <b>b</b> ) Al:	l Other	Design Costs					930
(c) Tot	tal						2,791
( <b>d</b> ) Cor	ntract						2,326
(e) In-	-house						465
(4) Const	ruction	Contract Award					03 DEC
(5) Constr	ruction a	Start					04 JAN
(6) Const	ruction	Completion					05 SEP
<ul> <li>Indicate which is cost and</li> </ul>	es comples s compara d executa	etion of Project able to tradition ability.	Definit al 35%	tion desi	with Parame gn to ensure	tric Cost Est • valid scope	:imate ,
b. Equipment	t associ	ated with this p	roject j	provi	ded from ot	her appropria	itions:
					FIGU	AT. YEAR	
			PROCU	JRING	APPRO	PRIATED	COST
EQUIPMENT	NOMENCI	LATURE	APPROPI	RIATI	ON OR RI	EQUESTED	(\$000)
ARTICULAT	ING STAN	1DS	30	080	:	2004	10,000

1. COMPONENT AIR FORCE	1. COMPONENT FY 2004 MILITARY CONSTRUCTION PROJECT DATA 2. DATE AIR FORCE (computer generated)								
3. INSTALLATIO	N AND L	OCATION	_	_	4. P	ROJECT TI	TLE		
HICKAM AIR FOR	CE BASE	. HAWATT			C-17	SUPPORT	UTILITIES, P	IASE 1	
5 PROGRAM ELE		,	DV CODE	7 000	ייייייייייייייייייייייייייייייייייייי				
51 IN001011 200		U. CAILGO	KI CODE	/. 180	Auth: 4,482				
41130		812-2	25	KN	MD033	8008	Approp:	4,098	
			9. COS	T ESTI	MATES				
							UNIT	COST	
		ITEM			<u> </u> <u></u>	QUANTITY		······	
C-17 UTILITIES	SUPPORT	, PHASE 1			LS			2,973	
PRIMARY DISTR	IBUTION	LINE UPGRA	DE		LS			( 1,668)	
COMMUNICATION	S				LS			( 575 )	
SANITARY SEWE	~ R				LS			(730)	
GIIDDODTING FAC	 דד דייד דייפ							1 035	
DIMENSION	1011169							1,035	
PAVERENTS					12			( 427)	
APCHAPOLOGICAL	ENIS I. Montre	DINC			1.9			( 250)	
SOTI. PENEDIAT		DRING			ац т.с			(150)	
					10			(100)	
SUBTOTAL		• •						4,008	
CONTINGENCY	( 5.0	*)					-	200	
TOTAL CONTRACT	COST		_	•				4,208	
SUPERVISION, IN	ISPECTIC	N AND OVERI	iead (	6.5 %)			-	274	
TOTAL REQUEST								4,482	
TOTAL REQUEST	(ROUNDED	)						4,482	
LO. Descriptio	n of Pr	oposed Cons	truction	: Inst	all e	lectrical	L, water, sew	er, and	
communications	lines.	Includes ex	cavatior	1, backf	ill,	bedding,	compaction,	concrete	
encased ducts,	sewer ]	lines, manho	oles, har	nd holes	s, asp	halt pate	ching, dewate	ring, soil	
cemediation, an	Chaeoro	gical monit	oring, a	ind appu	rtena	nces.			
11. REQUIREMENT	: LS	ADEQUA'	TE: LS	SUBS	randai	RD: LS			
PROJECT: C-17	support	utilities,	phase 1	. (Nev	v Miss	sion)			
REQUIREMENT: A	safe,	reliable el	ectrical	distri	butio	n system	with adequat	e commercial	
packup; a relia	able san	itary sewag	e collec	tion sy	stem;	a safe : (telember)	and reliable	potable water	
nustem with add	stem, a	nd; a rella	ble back		r T	hese uti	ities must b	e designed	
with adequate of	apacity	, security,	and dep	pendabil	ity t	o support	the C-17 co	mplex for	
right permanent	ly assi	.gned aircra	ft, main	ntenance	hang	jars, com	puterized tra	ining	
facilities, and	l squadr	on operatio	ons and a	administ	rativ	e activit	ies. The C-	17 <b>beddown</b>	
includes the c	onstruct	tion of train	ning app	aratus	that	uses env:	ironmentally	sensitive	
electronic components with large electrical requirements and air conditioning systems									
that adequately maintain air quality and ambient air temperatures. This is phase one of									
two-phase C-17 utilities support plan.									
lectrical power, communications, or sewer connections adequate for the maintenance									
langars, consol	idated	maintenance	complex	, and s	quadr	on operat	cions structu	res needed.	
Phe existing ut	tility s	ystems are	nominal	in supp	ort o	f the c	urrent activi	ties (two C-	
L30 "nose dock"	hangar	s, the flig	ht servi	lces fac	iliti	es, the	fire station,	and the air	
passenger termi	.nal).	This will n	ot suffi	ce for	the p	proposed	structures, a	ctivities, and	
Targer demands	TTOM MC	dern comput	erized (	-quipmen	ic and	all con	red to the test	urrements.	

Page No.

1. COMPONENT		FY 2004 MILITARY	CONST	RUCTION	PRC	OJECT	DATA	<b>2.</b> 1	DATE
AIR FORCE		(compu	iter ge	nerated)					
3. INSTALLATIO	N AND LO	OCATION		4. PROJEC	CT TI	ITLE			
HICKAM AIR FOR	CE BASE	, HAWAII		C-17 SUPE	PORT	UTILITI	ES, PHA	SE 1	
5. PROGRAM ELE	IMENT	6. CATEGORY CODE	7. PR	JECT NUM	BER	8. PRO	JECT CO	ST (	\$000)
41130		812-225	ĸ	MD033008			4,4	82	
Freater capacit corrosion contri- labrications); [e.g. hoists, w iuel vapor, sup- control systems MPACT IF NOT IF sever collection severe constration the squadron, for the squadron, for the C-17 squad- uission, safety VDDITIONAL: THE 32-1084, "Faci- satisfying this [Therefore, a control of the second sase CIVIL ENG: JOINT USE CERTI- loes not quality installation a	y is ne col on t larger work stan pplied b (e.g. ) <u>PROVIDED</u> n, and ints in and trai ron at H r, and e his proj lity Req s requir omplete red. Ba <u>INEER:</u> <u>TIFICATIO</u> Fy for j re benef	<pre>meded because of the the C-17 aircrafts' equipment used for nds); large-capacit rreathing air) contr pumps). : Lack of adequate communication syste capabilities to sup ning of personnel. Hickam Air Force Base efficiency. ject does meet the set efficiency. ject does meet the set conomic analysis w use Civil Engineer: SCHIFFL DN: This is an inst joint use at this lo itted by this project set by this project set by this project set by this project set by the project set by the</pre>	e specia composi engine y fuel ols; au e elect: ems to f port m Limite a or, at scope/c: liminary ras not Colon callatic ocation.	alized mai te surfac replaceme systems r nd fire su rical powe che C-17 b aintenance ad funding a minimu riteria sp r analysis one option performed al Steven n utility/ However	nten es ( nt a equi ppre er, w eddo of n wi . A E. I /infr , al	ance th e.g. pa and land ring en ession a vastewat wastewat i delay severely fied in reasona ll meet certif Hoarn, 8	at incluinting gear ing gear vironmer nd hazar er and would t, admin the a r jeopar Air For ble opt mission icate o 08-449- ure pro ts on t	Ides: and r rep Ital rdous sanit resul nistr ctiva dize ce Ha ions f exc 1660. ject, his	pairs (e.g. s waste tary lt in ration of ation of s its andbook for eds. ception , and

1. COMPONENT AIR FORCE		FY 2004 MILITARY C (compute	ONSTRUC	FION PROJECT	DATA	2. DATE
3. INSTALLATIO	N AND L	OCATION		4. PROJECT I	ITLE	1
HICKAM AIR FOR	RCE BASE	, HAWAII		C-17 SUPPORT	UTILITIES, PH	HASE 1
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJ	ECT NUMBER	8. PROJECT CO	ST (\$000)
41130		812-225	KN	D033008	4,4	482
12. SUPPLEMENT a. Estimated	TAL DATA: 1 Design	: Data:				
(a) Dat	ce Desig	n Started			26	-JUL-02
(b) Par	rametric	Cost Estimates used	to dev	elop costs		YES
* (c) Per	cent Co	mplete as of 01 JAN	2003			15%
• (d) Dat	e 35% D	esigned			15	-SEP-02
(e) Dat (f) En	te Desig	n Complete du/Life Cuale englua	ia waa/	will be nowf	15 	-SEP-03
(I) End	ergy stu	dy/Life-Cycle analys	is was/	will be perio	ormea	NO
(2) Basis: (a) St <b>(b)</b> Whe	andard o ere Desi	or Definitive Design gn Was Most Recently	- Used -			NO
(3) Total	Cost (c	(a) + (b)  or  (d)	+ (e):			(\$000)
(a) Pr	oduction	of Plans and Specif	ication	s		251
(b) Al:	l Other	- Design Costs				125
(c) To	tal					376
( <b>d</b> ) Co	ntract					334
(e) In	-house					42
(4) Const	ruction	Contract Award				03 DEC
(5) Const	ruction	Start				04 JAN
(6) Const	ruction	Completion				05 FEB
• Indicate which is cost and	es compl s compar d execut	etion of Project Def able to traditional ability.	inition 35% des	with Paramet ign to ensure	ric Cost Estin valid scope,	nate
b. Equipment N/A	t associ	ated with this proje	ct prov	ided from oth	ner appropriati	ions:
	FG 76	Dravious adit	iona on	a abgalata		N

1. COMPONENT RIR FORCE		FY 2004 MILITAR	ay <b>CONSTRU</b> mputer ger	CTION Nerate	N PROJECT	DATA	2. DATE	
2 73767777777		0.01 = 7.01	1	4 5				
5. INSTALLATIO		OCATION		4. P	ROUECI II.			
HICKAM AIR FOR	CE BASE	, HAWAII	_	C-17	CONSOLID	ATED <b>MAINTEN</b>	ANCE COMPLEX	
5. PROGRAM ELE	MENT	6. CATEGORY COD	E 7. PROJ	TECT	NUMBER	8. PROJECT CO	DST (\$000)	
411.00				Auth:			8,142	
41130		610-129	KN	MDU43	7,529			
		9. CC	OST ESTIM	ATES	·	······	<u></u>	
		<b>.</b>				UNIT	COST	
·····					QUANTITY	-		
!-17 CONSOLIDA	TED MAI	NTENANCE COMPLEX		LS			5,380	
	TOTDAT	דיסטפנוא מאט איס		SM	1.347	2,540	( 2 421)	
ATDODART MATH	TOTAL	INTT		SM	868	2,210	(3,421)	
NUTURDOOD ON				CTM	2 215	19	( 1, ) 10 )	
ANIIIERKUKISM/	FURCE	PROTECTION		SM	2,215	10	( 40)	
UPPORTING FACI	LITIES						1,902	
UTILITIES				LS			( 585)	
PAVEMENTS				LS			( 343)	
SITE IMPROVEME	INTS			LS			( 130)	
COMMUNICATIONS	SUPPOR	۲T		LS			( 250)	
SPECIAL FOUNDA	ATION			LS			( 282)	
SOIL REMEDIATI	ION			LS			( 250)	
ARCHAEOLOGICAI	MONIT(	DRING		LS			( 62)	
UBTOTAL							7,282	
ONTINGENCY	( 5.0	<b>%</b> )					364	
OTAL CONTRACT	COST						7,646	
UPERVISION, IN	SPECTIC	N AND OVERHEAD	(6.5%)				497	
OTAL REQUEST							8,143	
YOTAL REQUEST							8.142	
OUT PARATE FROM	OTHER I	APPROPRIATIONS (NO	ON-ADD)			}	(1,300,0)	
				<u> </u>	-	<u> </u>	( 1)50010 /	
0. Description	n of Pr	oposed Constructio	on: Rein	force	d concret	e frame, con	crete	
oundation, Ilo	or slar	, masonry walls,	sloped n	neta⊥ ;;;;;;	root, SOLL	remediation	, mechanical	
nace to includ		vision, administr	ation tr	ainin	a. dispate	ppur cenances	scheduling	
ebriefing, rea	dv room	, crew shelter, t	col crib,	lock	er room,	and non-powe	red	
quipment.	•					-		
ir Conditioning	g: 21	1 KW.						
1. REQUIREMENT:	7,38	5 SM ADEQUAT	TE: 5,948	SM	SUBSTANI	DARD : 0 SW		
ROJECT: Const	ruct C-	17 consolidated m	aintenanc	e con	mplex. (N	ew Mission)		
EQUIREMENT: A	n adequ	ately sized, conf	igured an	d sit	ed consol	idated maint	enance <b>complex</b>	
o facilitate effective C-17 maintenance management, <b>span</b> of control, flightline lispatch, and aircrew support and transportation.								
URRENT SITUATION: C-17 beddown will involve up to 400 aircrew, ground support,								
dministration,	dministration, and transient personnel requiring flightline maintenance facilities.							
h <b>ese</b> facilitie	hese facilities do not exist in the C-17 beddown location.							
KPACT IF NOT P	ROVIDED	: Lack of adequat	e flightl	ine n	maintenanc	e facilities	s in the C-17	
eddown site will require inordinate coordination, transportation, scheduling, and								
<b>anagement</b> of r ould be greatl	esource y hinde	es to meetthe miss red jeopardizing	sion. Co response	mmuni times	cations a , aircraf	nd mission o t availabili	apability ty, mission	

DD FORM 1391, DEC 76

Previous editions are obsolete.

1. COMPONENT		FY 2004	MILITARY	CONSTR	JCTION PROJE	CT DATA	2. DATE			
AIR FORCE			(comp	uter ge	nerated)					
3. INSTALLATIO	ON AND LO	CATION			4. PROJECT	TITLE				
HICKAM AIR FOR	RCE BASE,	HAWAII			C-17 CONSOL	IDATED MAINTENAM	ICE COMPLEX			
5. PROGRAM EL	EMENT	6. CATEGO	ORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	OST (\$000)			
41130		610-1	L29	KD	KNMD043006 8,142					
<pre>eadiness, and DDITIONAL: T ,084, "Facilit atisfying thi 'herefore, a c as been prepa: iquadron Admin :68 SM = 9,343 NOINT USE CERT ivailable" bas</pre>	aircraft his proj y Require s require omplete o red. Bas istration SF. <u>IFICATION</u> is; howev	t safety. ect meets ements". ement indice conomic and se Civil E and Support M: This fail ver, the s	the score Aprelimi cates that nalysis wards and the score is cility category is	pe/crit nary an at only was not Colonel 47 SM = an be us based of	eria specif: alysis of re one option of performed. Steven E. 14,499 SF; ed by other on Air Force of	ied in Air Force H easonable option will meet missio A certificate of Hoarn, 808-449-J Aircraft Mainten components on a requirements.	andbook 32- is for in needs. of exception 1660. aance Unit: in "as			

1. COMPONENT		FY 2004 MILITARY	CONSTRUC	TION PROJECT	DATA	2.	DATE
AIR FORCE		(comput	er gene	rated)			
3. INSTALLATIO	ON AND L	OCATION		4. PROJECT	TITLE		
HICKAM AIR FOR	RCE BASE	, HAWAII	-	C-17 CONSOL	IDATED MAI	NTENANC	E COMPLEX
5. PROGRAM EL	EMENT	6. CATEGORY COD	5 7. PRC	JECT NUMBER	8. PROJEC	T COST	(\$000)
41130		610-129	KN	MD043006		8,142	1
12. SUPPLEMENT	TAL DATA	:			-		
a. Estimated	l Design	Data:					
(1) Status	s:						
(a) Da	te Desig	n Started				17-A	PR-02
(b) Pai	rametric	Cost Estimates use	d to dev	elop costs			YES
• (c) Per	cent Co	mplete as of 01 JAN	1 2003			10 0	15%
• (C) Dat	e 35% D -e Desig	esigned n Complete				01-31	EP-02 11G-03
( <b>f</b> ) End	erqv Stu	dy/Life-Cycle analy	sis was/	will be perf	ormed	01-A	YES
	51		,				
(2) Basis:	ndard o	r Dofinitivo Dogiga	_				NO
(a) Sta (b) Whe	ere Desi	gn Was <b>Most</b> Recentl	y Used -				NO
		-	-				****
(3) TOTA. (a) Pr	L COSt (	C) = (a) + (D) Or (C)	() + (e): figstion	e.		()	\$000) 461
(b) All			230				
(c) Tot	tal	j					691
( <b>d</b> ) Coi			614				
(e) In·	-house						77
(4) Const	ruction	Contract Award				0	3 DEC
(5) Const	ruction	Start				0	4 JAN
(6) Const	ruction	Completion				0	5 MAR
<ul> <li>Indicate which is cost and</li> </ul>	es complo s compar d execut	etion of Project De able to traditional ability.	finition 35% des	with Paramet ign to ensure	tric Cost a valid sco	Estimat ope,	e
b. Equipmen	<b>t</b> associ	ated with this proj	ect prov	ided from ot	her approp	riation	s:
				FISCI	AT. YEAR		
		1	PROCURIN	G APPRO	PRIATED		COST
EQUIPMENT	NOMENCI	LATURE AP	PROPRIAT	ION OR RE	QUESTED		(\$000)
SYSTEMS F	URNITURE	6	3400	2	2004		1,300

1. COMPONENT		FY 2004 MILITAR	Y CONSTRU	ICTIO	N PROJECT	DATA	2. DATE				
AIR FORCE		(com	p <b>uter</b> gen	erate	ed)						
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	TLE					
HICKAM AIR FOR	RCE BASE	, HAWAII		C-17	KUNTZ GA	TE AND ROAD					
5. PROGRAM ELE	MENT	6. CATEGORY CODE	E 7. PROJ	JECT	ECT NUMBER 8. PROJECT COST (\$000)						
41130		906-245	KN	MD043	9009	Approp:	3.050				
		9. CO	ST ESTIN	ATES			_,				
		<i>,</i> , , , , , , , , , , , , , , , , , , ,		<u> </u>		IINTT	COST				
		ITEM		ц/м	QUANTITY						
	C-17 KUNTZ GATE AND ROAD										
C-17 KUNTZ GATE AND ROAD											
CHECK HOUSE A	ND BOOTI	1		SM	50	6,525	( 365				
ANTITERRORISM	FORCE 1	PROTECTION		LS			( 130				
SUPPORTING FACE	LITIES						2,425				
UTILITIES				LS			( 215				
PAVEMENTS				LS			( 455				
SITE IMPROVEM	ENTS			LS			(1,705				
SOIL REMEDIAT	ION			LS			( 25				
ARCHAEOLOGICA	LMONITO	RING		LS			(20				
DEMOLITION (B)	<b>DG</b> 4070	))		SM	25	200	(5				
SUBTOTAL											
CONTINGENCY	146										
TOTAL CONTRACT COST											
SUPERVISION, I	NSPECTIO	ON AND OVERHEAD (	6.5 %)				199				
TOTAL REQUEST							3,266				
TOTAL REQUEST	(ROUNDED	)					3,265				
10. Descriptio	on of Pr	oposed Constructio	n: New	roadw	ay lanes,	vehicle ins	spection area;				
guardhouse and	booths,	area lighting, ca	anopies a	t ent	crance are	ea; force pr	otection				
devices; inspec	tion pi	t, drainage, and	all necessa	ary <b>sur</b>	porting	utilities,	landscaping,				
demolition, cor	itaminat	ed soil remediatio	on, archa	eolog	ic monito	ring, and ap	ppurtenances.				
Air Condition	ing: 51	KW.									
1.1. REQUIREWENT	: 73 SI	M ADEQUATE:	17 SM	SUB	STANDARD:	25SM					
PROJECT: C-17	Kuntz G	ate and Road. (Ne	ew Missio	n)							
REQUIREMENT:	An entra	nce to <b>Hickam</b> Air	Force Ba	use (1	AFB) desig	ned to accor	nmodate large				
vehicles and co	onstruct	ion equipment. Er	itrance s	hould	l comply v	ith current	AT/FP measures				
and security re	egulatio	ns to adequately r	oute ven: Devemen	1Cula + ag	r traific	safely <b>and</b>	efficiently.				
security person	nnel are	required for com	pliance w	vith :	stringent	anti-terror	ism/force				
protection (ATE	P) dire	ctives. The new g	gate desi	.gn i	ncludes e	lectronically	y activated				
rlop-up barriers, tire shredders, and drop-arm barriers substantial enough to deter and											
contain large, heavy vehicles.											
CURRENT SITUATI	LON: Ex	xisting vehicular a	access ga	tes t	o <b>Hickam</b>	AFB provide	nominal				
security with s	steel ga	tes, temporary wai	ter-fille	d baı	riers, ar	nd armed guar	ds. Both				
personnel in a	utomobil	es and transports	with hea	vy ma	chinery g	enerally use	these gates.				
There are only two access points to <b>Hickam</b> AFB. The main gate to <b>Hickam</b> flows directly											
due to the high	n volume	of base personnel	entering	g the	base.	The secondary	y gate chosen				
f'or contractor	entry	is too small for 1	arge shir	ment	s of mate:	rials and co	nstruction				
equipment/mach:	inery ar	nd needs to be mod:	ified to	acce	pt large (	types of con	struction				
DD FORM 1391, D	DEC 76	Previous e	ditions a	are o	bsolete.		Page No.				

0**9** 

1. COMPONENT		FY 2004 MILITARY	CONSTR	UCTION PROJECT	DATA	2. DATE				
AIR FORCE		(comp	iter ge	nerated)						
3. INSTALLATIO	N AND L	OCATION		4. PROJECT TI	TLE					
HICKAM AIR FOR	RCE BASE	, HAWAII		C-11 KUNTZ GA	TE AND ROAD					
5. PROGRAM ELE	SMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT COST (\$000)					
41130		906-245	KI	MD043009	3,20	55				
rehicles. Security conditions that require intensive vehicle inspections, congestion and unsafe traffic conditions develop at the gates due to the amount of time required to adequately inspect the larger vehicles. Also, containment structures capable of randling large vehicles at entry gates are minimal and could be breached by hostile antities.										
<pre>intities. <u>MPACT IF NOT PROVIDED:</u> Lack of effective antiterrorism/force protection measures will iontinue to pose personnel and high value resources to unacceptable threats. <u>DDITIONAL:</u> This project does meet the scope/criteria specified in Air Force Handbook 12-1084, "Facility Requirements." A preliminary analysis of reasonable options for Hatisfying this requirement indicates that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate of exception</pre>										
Suntz Gate and	Road: C	heck House and Boot	h: 56	SM = 603 SF.	ain, 000-449-10					
JOINT USE CERT	IFICATIO	<u>)N:</u> This is an inst	allatio	n utility/infr	astructure proj	ect, and				
.nstallation a	re benef	ited by this project	t.	nowever, ar		115				

1. COMPONENT AIR FORCE		FY 2004 MILITARY C (compute	ONSTRUCTION PROJECT er generated)	DATA	2. DATE
3. INSTALLATIO	ON AND L	OCATION		°TTT.R	•
HICKAM AIR FO	RCE BASE	, HAWAII	C-11 KUNTZ G	ATE AND ROAD	
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT CC	ST (\$000)
41130		906-245	KNMD043009	3,	265
12. SUPPLEMEN	TAL DATA	:		1	
a. Estimate	d Design	Data:			
(1) Statu	s: bo Dogin	m Stantad			
(a) Da	te Desig	n Started	to dowelon gosta	30	-MAY-02
(D) Pa	rametric	COSt Estimates used	to develop costs		YES 1 EQ
* (d) Dat	Le 35% D	Mpiece as or or oran Designed	2003	01	10% _977.03
( <b>a</b> ) Da	te Desia	m Complete		15	-SEP-03
(f) En	erav Stu	dv/Life-Cycle analys	is was/will be perf	ormed	VEG
(1) 511	ergy bet	ay/hite-cycle analys	is was/will be pell	ormed	165
(2) Basis	:				
(a) St	andard o	or Definitive Design	-		NO
(D) Wh	ere Desi	gn Was Most Recently	7 Used -		
(3) Total	Cost (d	(a) = (a) + (b)  or  (d)	) + (e):		(\$000)
(a) Pi	roduction	n of Plans and Specif	fications		187
(b) Al	l Other	Design Costs			93
(c) To	tal				280
( <b>d</b> ) Co	ntract				249
(e) In	-house				31
(4) Const	ruction	Contract Award			03 DEC
(5) Const	ruction	Start			04 JAN
(6) Const	ruction	Completion			04 <b>OCT</b>
• Indicate	es compl	etion of Project Def	inition with Paramet	ric Cost Esti	mate
which i	s compar	able to traditional	35% design to ensure	e valid scope,	
cost an	d execut	ability.			
b. Equipmen	t associ	ated with this proje	ct provided from oth	ner appropriat:	ions:
N/A					

1. COMPONENT			FY 200	4 MILITARY	CONSTRU	JCTION PR	OGRAM		2. DATE	
AIR FORCE										1
3. INSTALLATION AND LOCATION					AND:			5. AREA CONST		
MOUNTAIN HOME AI	R FORCE E	BASE,		AIR COMB	AT COMM	AND		COST INDEX		
IDAHO								1.14		
6. Personnel	PERM	MANENT		STUD	ENTS		SUPF	PORTED		
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 02	458	4056	408	29	24	9			60	5,044
END FY 2007	458	4063	404	29	24	9			60	5,047
7. INVENTORY DATA	\ (\$000)									
a. Total Acreage:		6,844								
<ol> <li>Inventory Total as c</li> </ol>	of: (30 Sep	02)								1,247,124
c. Authorization Not Ye	et in invento	ory:								8,000
d. Authorization Reque	ested in this	Program:								5,337
3. Authorization Include	ed in the Fo	ollowing Pro	gram:		(FY 2005)					7,907
T. Planned in Next Fou	ir Years Pro	gram:								47,282
g. Remaining Deficien	су:								-	65,700
n. Grand Total:										1,381,350
B. PROJECTS REQU	ESTED IN	THIS PROG	RAM:				(FY 2004)			_
JATEGORY								COST	DESIGN	STATUS
<u>JODE</u>	PROJECT		0			SCOPE		<u>9.000</u>	<u>START</u>	CMF
/42-6/4	Add To And	a Alter Fitne	ss Center			2,526 SM		5,337	Mar-02	Aug-(
						lotal		5,337		
Ja. Future Projects: In	cluded in th	e Following	Program:	(F	Y2005)					
214-425	Operations/	ions/Maintenance Complex 3,442 SM 7,907								
	(720 ACO)					Tatal		7 0 0 7		
No Euture Dreigeter Tr	minal Diana		Ur Vooroi			Total		7,907		
	Pical Plann	tions/DAD(	ui reals.	,		1 764 <b>CM</b>		0.000		
141-400	726th ACS	Operations	Maintonance	, Complex		1,704 SM		9,300		
147420	Rase Suppl			e complex		3,442 SM		0,102		
1927351	Dining Eac	silii	5C			1 712 SM		11,000		
'2/-/17	Visiting Out	artore				1,712 SW		0.000		
24-417	visiting Qua					4,000 314		11.000		
re Real Property Main	tenance Ra	icklog This	Installation:					20		
	unctione: A	composito	wing with a	no E-16 co	uadron: one		auadron (	29 DDA E-15E O	quadran	the re-
attiolog	unctions: A	composite	wing with 0	ne r-to squ		F-10 G/D S	squauron, (		quadrion, and	UIE AEF
1 Outstanding Polluti	on and Cof		Deficionaia	c.						
a Air pollution	UIS DIL DIL		Denciencie	э.				^		
								0		
h Water Pollution										
c Occupational Sa	fety and He	alth						٥		
c. Occupational Sa		aitti						U		
d <b>Other</b> Environme	ental							0		
								U		

)D Form 1390, 9 Jul 02

AIR FURCE       (COMPUTED generates)         3. INSTALLATION AND LOCATION       4. PROJECT TITLE         MOUNTAIN HOME AIR FORCE BASE, IDAHO       ADD TO AND ALTER FITNESS CENTE         5. PROGRAM ELEMENT       6. CATEGORY CODE       7. PROJECT NUMBER       8. PROJECT COST         3. INSTALLATION AND LOCATION       9. COST ESTIMATES       Auth: 5,4         27596       742-674       QYZE023010       Approp: 5,3         9. COST ESTIMATES       9. COST ESTIMATES       UNIT         NDD TO AND ALTER FITNESS CENTER       Is       1,873       1,855         ALTER FITNESS CENTER       Is       I.,873       1,855         ADD TO AND ALTER PITNESS CENTER       Is       I.,461       576         ANTIFERFORISM/FORCE PROTECTION       Is       Is       I.,461       576         ANTIFERORISM/FORCE PROTECTION       Is       Is       I.,461       576         SUPPORTING FACILITIES       Is       Is       Is       I.,461       576         UTILITIES       Is       Is       Is       Is       I.,461       576         SUPPORTING FACILITIES       Is       Is </th <th colspan="10"><b>FY</b> 2004 MILITARY CONSTRUCTION <b>PROJECT</b> DATA 2. DATE</th>	<b>FY</b> 2004 MILITARY CONSTRUCTION <b>PROJECT</b> DATA 2. DATE									
3. INSTALLATION AND LOCATION       4. PROJECT TITLE         MOUNTAIN HOME AIR FORCE BASE, IDAHO       ADD TO AND ALTER FITNESS CENTER         5. PROGRAM ELEMENT       6. CATEGORY CODE         7. PROJECT NUMBER       8. PROJECT COST         27596       742-674         9. COST ESTIMATES         9. COST SUPPORT         1.8         9. CONTRACT COST </th <th></th>										
MOUNTAIN HOME AIR FORCE BASE, IDARO       ADD TO AND ALTER FITNESS CENTER         5. PROGRAM ELEMENT       6. CATEGORY CODE       7. PROJECT NUMBER       8. PROJECT COST         27596       742-674       QYZH023010       Auth: 5.4         27596       742-674       QYZH023010       Auth: 5.4         Approp:       5.3         9. COST ESTIMATES       UNIT       Auth: 5.4         ADD TO AND ALTER FITNESS CENTER       IS       I.8         FITNESS CENTER ADDITION       SM       1,873       1,855         ALTER FITNESS CENTER       IS       I.461       576         ANTITERORISM/FORCE PROTECTION       IS       IS       I.461       576         ASESTOS/LEAD BASE PAINT ABATEMENT       IS       IS       I.461       576         ASESTOS/LEAD BASE PAINT ABATEMENT       IS       IS       I.7671       IS         DEMOLITION       IS       IS       IS       IS       IS         OTAL CONTRACT COST       IS	_									
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 4. PROJECT COST 27596 742-674 QYZEU23010 Autor 5,4 Approp. 5,3 9. COST ESTIMATES ITEM U/M QUANTITY UNIT 4. Approp. 5,3 9. COST ESTIMATES 1. TEM U/M QUANTITY UNIT 4. Approp. 5,3 1. 855 ALTER FITNESS CENTER Ls FITNESS CENTER ADDITION SM 1,873 1,855 ALTER FITNESS CENTER SM 1,461 576 ANTITERRORISM/FORCE PROTECTION Ls SUPPORTING FACILITIES Ls SITE IMPROVEMENTS Ls SEISMIC SUPPORT LS DEMOLITION Ls SUPPORT LS S	R									
27596     742-674     QYZEU23010     Aun: Approp:     5,3       9. COST ESTIMATES     9. COST ESTIMATES     UNIT     UNIT       ADD TO AND ALTER FITNESS CENTER     Ls     I,873     1,855       FITNESS CENTER ADDITION     SM     1,863     1,855       ALTER FITNESS CENTER     Ls     SM     1,461     576       ANTITERCRISM/FORCE PROTECTION     Ls     SUPPORTING FACILITIES     Ls     SITE IMPROVEMENTS     Ls       SITE IMPROVEMENTS     Ls     Ls     SEISMIC SUPPORT     LS     SEISMIC SUPPORT     Ls       ASBESTOS/LEAD BASE PAINT ABATEMENT     Ls     Ls     SUPOTAL     SUPPORT     SUPORTAL       CONTINGENCY ( 5.0 %)     UPORT     Ls     SUPTOTAL     SUPORTAL     SUPORTAL     SUPENTISION, INSPECTION AND OVERHEAD ( 5.7 %)     SUPORAL SUPORT     SUPORAL SUPORT       OTAL REQUEST     CONSTINGENCY ( 5.0 %)     UPORAL SUPORT A BATEMENT SUPPORTATIONS (NON-ADD)     SUPENTIAL SUPORT AND OVERHEAD ( 5.7 %)     UNIT       OTAL REQUEST (ROUNDED)     UPUPHENT FROM OTHER APPROPRIATIONS (NON-ADD)     UNIT     UNIT     SUPENTIAL SUPORES AND AND OVERHEAD ( 5.7 %)     UNIT       O. Description of Proposed Construction: Construct a 2,153 SM addition to the disting fitness center. New addition will house locker rooms, two recurreball dministration, Cardiovascular area and a health and wellness center (HANC). A M of existing fitness center. A	(\$000)									
9. COST ESTIMATES         UNIT         ITEM         UNIT         SIME 1,8673 1,855         ALTER FITNESS CENTER         SIM 1,861 576         ANTITERRORISM/FORCE PROTECTION         LS         SUPPORTING FACILITIES         UTILITIES         LS         SITE IMPROVEMENTS         LS         SITE IMPROVEMENTS         LS         SUPPORT         LS         SUPPORT         LS         SUPPORT         LS         SUPPORT         LS         SUPPORT         LS         SUPPORT         LS<	43 37									
ITTEM     U/M     QUANTITY       ADD TO AND ALTER FITNESS CENTER     Ls     Ls       FITNESS CENTER ADDITION     SM     1,873     1,855       ALTER FITNESS CENTER     SM     1,461     576       ANTITERRORISM/FORCE PROTECTION     Ls     Image: Center addition and addition and a distribution andistribution and a distribution andis and a distribution a										
ADD TO AND ALTER FITNESS CENTER       Ls         FITNESS CENTER ADDITION       SM       1,873       1,855         ALTER FITNESS CENTER       SM       1,461       576         ANTITERRORISM/FORCE PROTECTION       Ls	COST									
FITNESS CENTER ADDITION       SM       1,873       1,855         ALTER FITNESS CENTER       SM       1,461       576         ANTITERRORISM/FORCE PROTECTION       Ls       SM       1,461       576         SUPPORTING FACILITIES       Ls       SITE IMPROVEMENTS       Ls       SITE IMPROVEMENTS       Ls         SEISMIC SUPPORT       LS       SEISMIC SUPPORT       LS       SEISMIC SUPPORT       LS         ASBESTOS/LEAD BASE PAINT ABATEMENT       LS       SEISMIC SUPPORT       Ls       SEISMIC SUPPORT         PAVEMENTS       LS       LS       SEISMIC SUPPORT       LS       SEISMIC SUPPORT         PAVEMENTS       LS       LS       SEISMIC CONTAL       SEISMIC CONTRACT COST       SEISMIC CONTRACT COST         SUPERVISION, INSPECTION AND OVERHEAD ( 5.7 %)       NOTAL REQUEST       SEISMIC SUPPORIATIONS (NON-ADD)       SEISMIC SUPPORIATIONS (NON-ADD)         0. Description of Proposed Construction:       Construct a 2,153 SM addition to the seisting fitness center. All new and renovated spaces will receive new H willing fitness center. All new and renovated spaces will receive new H seistems.         M of existing fitness center. All new and renovated spaces will receive new H systems.       SUBSTANDARD: 0SM         M of existing fitness center. All new and renovated spaces will receive new H systems.       SUBSTANDARD: 0SM <td< td=""><td>4,339</td></td<>	4,339									
ALTER FITNESS CENTER SN 1,461 576 ANTITERRORISM/FORCE PROTECTION Ls SUPPORTING FACILITIES Ls SITE IMPROVEMENTS Ls SEISMIC SUPPORT LS ASBESTOS/LEAD BASE PAINT ABATEMENT LS DEMOLITION LS -CATIONS SUPPORT LS SUPPORT LS SUPPORTAL CONTINGENCY (5.0 %) NOTAL CONTRACT COST SUPPORVISION, INSPECTION AND OVERHEAD (5.7 %) NOTAL REQUEST TOTAL REQUEST TOTAL REQUEST (ROUNDED) QUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) 0. Description of Proposed Construction: Construct a 2,153 SM addition to the sisting fitness center. New addition will house locker rooms, two racquetball dministration, cardiovascular area and a health and wellness center (HAWC). A M of existing fitness center. All new and renovated spaces will receive new H systems. construct 94 space parking lot. Force protection will comply with mi toD standards. ir Conditioning: 100 KW.	(3,474)									
ANTITERRORISM/FORCE PROTECTION       Ls         SUPPORTING FACILITIES       Ls         SUPPORTING FACILITIES       Ls         SITE IMPROVEMENTS       Ls         SEISMIC SUPPORT       LS         ASBESTOS/LEAD BASE PAINT ABATEMENT       LS         DEMOLITION       Ls         -CATIONS SUPPORT       Ls         PAVEMENTS       Ls         SUBTOTAL       Ls         CONTINGENCY (5.0 %)       Ls         NOTAL CONTRACT COST       Ls         SUPPRVISION, INSPECTION AND OVERHEAD (5.7 %)       Ls         NOTAL REQUEST       NON-ADD         O. Description of Proposed Construction: Construct a 2,153 SM addition to the existing fitness center. New addition will house locker rooms, two racquetball dministration, cardiovascular area and a health and wellness center (HAWC). A M of existing fitness center. All new and renovated spaces will receive new H systems. construct 94 space parking lot. Force protection will comply with mi toD standards.         ir Conditioning: 100 KW.       ADEQUATE: 4,265 SM SUBSTANDARD: 0 SM	(942)									
SUPPORTING FACILITIES       Ls         UTILITIES       Ls         SITE IMPROVEMENTS       Ls         SEISMIC SUPPORT       Ls         ASBESTOS/LEAD BASE PAINT ABATEMENT       LS         DEMOLITION       Ls         -CATIONS SUPPORT       Ls         PAVEMENTS       Ls         SUBTOTAL       Ls         CONTINGENCY (5.0 %)       Ls         NOTAL CONTRACT COST       SUPPORTION AND OVERHEAD (5.7 %)         NOTAL REQUEST       Month of Proposed Construction: Construct a 2,153 SM addition to the scisting fitness center. New addition will house locker rooms, two racquetball dministration, cardiovascular area and a health and wellness center (HAWC). A M of existing fitness center. All new and renovated spaces will receive new H systems. construct 94 space parking lot. Force protection will comply with mi to D standards.         .ir Conditioning: 100 KW.       ADEQUATE: 4,265 SM SUBSTANDARD: 0 SM	(22)									
UTILITIES LS LS LS SITE IMPROVEMENTS LS LS SITE IMPROVEMENTS LS LS SEISMIC SUPPORT LS LS SEISMIC SUPPORT LS LS CATIONS SUPPORT LS LS CATIONS SUPPORT LS LS SUBTOTAL CONTRACT COST SUPPORT CS SUPPORT S SUPPOR S SUPPORT S S SUPPORT S SU	564									
SITE IMPROVEMENTS LS SITE IMPROVEMENTS LS SEISMIC SUPPORT LS ASBESTOS/LEAD BASE PAINT ABATEMENT LS DEMOLITION LS -CATIONS SUPPORT LS PAVEMENTS LS SUPTOTAL CONTINGENCY (5.0 %) ROTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5.7 %) ROTAL REQUEST ROTAL REQUEST ROTAL REQUEST (ROUNDED) SQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) 0. Description of Proposed Construction: Construct a 2,153 SM addition to the resisting fitness center. New addition will house locker rooms, two racquetball dministration, cardiovascular area and a health and wellness center (HANC). A M of existing fitness center. All new and renovated spaces will receive new H systems. construct 94 space parking lot. Force protection will comply with mile kD standards. ir Conditioning: 100 KW.	( 69 )									
SEISMIC SUPPORT       LS         ASBESTOS/LEAD BASE PAINT ABATEMENT       LS         DEMOLITION       Ls         -CATIONS SUPPORT       Ls         PAVEMENTS       Ls         SUBTOTAL       CONTINGENCY ( 5.0 %)         CONTINGENCY ( 5.0 %)       Image: Contract Cost         SUPERVISION, INSPECTION AND OVERHEAD ( 5.7 %)       Image: Contract Cost         SUPERVISION, INSPECTION AND OVERHEAD ( 5.7 %)       Image: Contract Cost         CONTAL REQUEST       CONTAL REQUEST (ROUNDED)         YQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)       Image: Context a 2,153 SM addition to the relation, cardiovascular area and a health and wellness center (HANC). A modelinistration, cardiovascular area and a health and wellness center (HANC). A modelinistration, cardiovascular area and a health and wellness center (HANC). A modelinistration, cardiovascular area and a health and wellness center (HANC). A modelinistration, cardiovascular area and a health and wellness center (HANC). A modelinistration, cardiovascular area and a health and wellness center (HANC). A modelinistration, cardiovascular area and a health and wellness center (HANC). A modelinistration, cardiovascular area and a health and wellness center (HANC). A modelinistration, cardiovascular area and a health and wellness center (HANC). A modelinistration, cardiovascular area and a health and wellness center (HANC). A modelinistration, cardiovascular area and a health and wellness center (HANC). A modelinistration, cardiovascular area and a health and wellness center (HANC). A modelinistration, cardiovascular area and a health and wellness center (HANC). A modelinistration and thealt	(70)									
ASBESTOS/LEAD BASE PAINT ABATEMENT DEMOLITION -CATIONS SUPPORT PAVEMENTS SUPPORT Ls SUPTOTAL CONTINGENCY (5.0 %) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5.7 %) NOTAL REQUEST ROTAL REQUEST ROTAL REQUEST (ROUNDED) SQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) 0. Description of Proposed Construction: Construct a 2,153 SM addition to the sisting fitness center. New addition will house locker rooms, two racquetball dministration, cardiovascular area and a health and wellness center (HAWC). A M of existing fitness center. All new and renovated spaces will receive new H systems. construct 94 space parking lot. Force protection will comply with mi NOD standards. ir Conditioning: 100 KW.	(70)									
DEMOLITION       Ls         -CATIONS SUPPORT       Ls         PAVEMENTS       Ls         SUBTOTAL       Ls         CONTINGENCY (5.0 %)       Ls         MOTAL CONTRACT COST       SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)         NOTAL REQUEST       NOTAL REQUEST         ROTAL REQUEST (ROUNDED)       201PMENT FROM OTHER APPROPRIATIONS (NON-ADD)         0. Description of Proposed Construction: Construct a 2,153 SM addition to the resisting fitness center. New addition will house locker rooms, two racquetball dministration, cardiovascular area and a health and wellness center (HAWC). A M of existing fitness center. All new and renovated spaces will receive new H systems. construct 94 space parking lot. Force protection will comply with mi KoD standards.         ir Conditioning: 100 KW.         1. REQUIREMENT: 6,418 SM ADEQUATE: 4,265 SM SUBSTANDARD: 0 SM	( 40)									
-CATIONS SUPPORT PAVEMENTS SUBTOTAL CONTINGENCY (5.0 %) NOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5.7 %) NOTAL REQUEST NOTAL REQUEST NOTAL REQUEST (ROUNDED) AQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) 0. Description of Proposed Construction: Construct a 2,153 SM addition to the sisting fitness center. New addition will house locker rooms, two racquetball dministration, cardiovascular area and a health and wellness center (HAWC). A M of existing fitness center. All new and renovated spaces will receive new H systems. construct 94 space parking lot. Force protection will comply with mi kD standards. dir Conditioning: 100 KW.	( 130)									
PAVEMENTS       Ls         SUBTOTAL       CONTINGENCY (5.0 %)         CONTINGENCY (5.0 %)       MOTAL CONTRACT COST         SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)       MOTAL REQUEST         ROTAL REQUEST (ROUNDED)       KOUPMENT FROM OTHER APPROPRIATIONS (NON-ADD)         0. Description of Proposed Construction: Construct a 2,153 SM addition to the xisting fitness center. New addition will house locker rooms, two racquetball dministration, cardiovascular area and a health and wellness center (HAWC). A         M of existing fitness center. All new and renovated spaces will receive new H systems. construct 94 space parking lot. Force protection will comply with mi koD standards.         .ir Conditioning: 100 KW.         1. REQUIREMENT: 6,418 SM ADEQUATE: 4,265 SM SUBSTANDARD: 0 SM	(78)									
SUBTOTAL CONTINGENCY ( 5.0 %) POTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD ( 5.7 %) NOTAL REQUEST ROTAL REQUEST ROTAL REQUEST (ROUNDED) SQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) 0. Description of Proposed Construction: Construct a 2,153 SM addition to the resisting fitness center. New addition will house locker rooms, two racquetball dministration, cardiovascular area and a health and wellness center (HAWC). A M of existing fitness center. All new and renovated spaces will receive new H systems. construct 94 space parking lot. Force protection will comply with mi kD standards. ir Conditioning: 100 KW. 1. REQUIREMENT: 6,418 SM ADEQUATE: 4,265 SM SUBSTANDARD: 0 SM	( 107)									
CONTINGENCY (5.0%) NOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5.7%) NOTAL REQUEST NOTAL REQUEST NOTAL REQUEST (ROUNDED) 2QUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) 0. Description of Proposed Construction: Construct a 2,153 SM addition to the existing fitness center. New addition will house locker rooms, two racquetball dministration, cardiovascular area and a health and wellness center (HAWC). A M of existing fitness center. All new and renovated spaces will receive new H systems. construct 94 space parking lot. Force protection will comply with mi hoD standards. .ir Conditioning: 100 KW. 1. REQUIREMENT: 6,418 SM ADEQUATE: 4,265 SM SUBSTANDARD: 0 SM	4,902									
FOTAL CONTRACT COST         SUPERVISION, INSPECTION AND OVERHEAD ( 5.7 %)         NOTAL REQUEST         ROTAL REQUEST (ROUNDED)         QUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)         0. Description of Proposed Construction: Construct a 2,153 SM addition to the oristing fitness center. New addition will house locker rooms, two racquetball dministration, cardiovascular area and a health and wellness center (HAWC). A         M of existing fitness center. All new and renovated spaces will receive new H         vystems. construct 94 space parking lot. Force protection will comply with mi         NoD standards.         .ir Conditioning: 100 KW.         1. REQUIREMENT: 6,418 SM ADEQUATE: 4,265 SM SUBSTANDARD: 0 SM	245									
SUPERVISION, INSPECTION AND OVERHEAD ( 5.7 %) NOTAL REQUEST TOTAL REQUEST (ROUNDED) SQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) 0. Description of Proposed Construction: Construct a 2,153 SM addition to the existing fitness center. New addition will house locker rooms, two racquetball dministration, cardiovascular area and a health and wellness center (HAWC). A M of existing fitness center. All new and renovated spaces will receive new H systems. construct 94 space parking lot. Force protection will comply with mi hoD standards. ir Conditioning: 100 KW. 1. REQUIREMENT: 6,418 SM ADEQUATE: 4,265 SM SUBSTANDARD: 0 SM	5,147									
NOTAL REQUEST       ROUNDED         YOTAL REQUEST (ROUNDED)       YOUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)         0. Description of Proposed Construction: Construct a 2,153 SM addition to the existing fitness center. New addition will house locker rooms, two racquetball dministration, cardiovascular area and a health and wellness center (HAWC). A         M of existing fitness center. All new and renovated spaces will receive new Heystems. construct 94 space parking lot. Force protection will comply with mited box standards.         .ir Conditioning:       100 KW.         1. REQUIREMENT:       6,418 SM         ADEQUATE:       4,265 SM       SUBSTANDARD:         0 SM	293									
rotal REQUEST (ROUNDED)         *QUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)         0. Description of Proposed Construction: Construct a 2,153 SM addition to the oxisting fitness center. New addition will house locker rooms, two racquetball dministration, cardiovascular area and a health and wellness center (HAWC). A M of existing fitness center. All new and renovated spaces will receive new H systems. construct 94 space parking lot. Force protection will comply with mile to b standards.         .ir Conditioning:       100 KW.         1. REQUIREMENT:       6,418 SM       ADEQUATE: 4,265 SM       SUBSTANDARD: 0 SM	5,440									
COULPMENT FROM OTHER APPROPRIATIONS (NON-ADD)       0.         0.       Description of Proposed Construction: Construct a 2,153 SM addition to the existing fitness center. New addition will house locker rooms, two racquetball indministration, cardiovascular area and a health and wellness center (HAWC). A M of existing fitness center. All new and renovated spaces will receive new H systems. construct 94 space parking lot. Force protection will comply with mixed standards.	5,445									
<ul> <li>0. Description of Proposed Construction: Construct a 2,153 SM addition to the existing fitness center. New addition will house locker rooms, two racquetball dministration, cardiovascular area and a health and wellness center (HAWC). A M of existing fitness center. All new and renovated spaces will receive new H systems. construct 94 space parking lot. Force protection will comply with mi hoD standards.</li> <li>ir Conditioning: 100 KW.</li> <li>1. REQUIREMENT: 6,418 SM ADEQUATE: 4,265 SM SUBSTANDARD: 0 SM</li> </ul>	(118.0)									
1. REQUIREMENT: 6,418 SM ADEQUATE: 4,265 SM SUBSTANDARD: 0 SM	e courts, lter 375 VAC nimm									
1. REQUIREMENT: 6,418 SM ADEQUATE: 4,265 SM SUBSTANDARD: 0 SM										
EQUIREMENT: A modern, adequate sized and properly configured fitness center to comprehensive and balanced programs for physical fitness programs required for iome AFB personnel and their dependents which is a major Quality Of life and re requirement. personnel require safe fitness programs including aerobics, health wental, and nutritional training, indoor recreational athletic activities, and nd wellness center.	o conduct Mountain tention 1. a health 400									
<b>WRMENT</b> SITUATION: The current Fitness Center supports a base population of 9, ctive duty military, dependents, and civilian employees, and provides inadequa upport due to a space deficiency of 2,153 SM. The facility was constructed in pgraded in 1985. The women's looker room is too small to accommodate current reating an eight-month waiting list for lockers. In addition, the unsightly 1 prove 1201, ppg 56	te 1960 and demand, ooker									

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA								
AIR FORCE	(computer generated)								
3. INSTALLATION AND LOCATION 4. PROJECT TITLE									
MOUNTAIN HOME AIR FORCE BASE, IDAHO ADD TO AND ALTER FITNESS CENTER									
5. PROGRAM ELEMENT	6. CATEGORY CODE 7. P	ROJECT NUMBER	8. PROJECT COS	т (\$000)					
27596	742-674	QYZH023010	5,44	5					

**coom** has not undergone any major renovation since the building was constructed. The body shaping roan is too **small** to support the amount of equipment necessary to meet lemand aud current Air Force standards. **Equipment** supporting the cardio-theater cardiovascular area) is scattered throughout the facility because the area supporting his function is not large enough to support **demand**. The health and **wellness** center **HAWC**) lacks office space, **and has** a converted **squash court to perform this function**. 'art of the **HAWC** is housed in a lean-to attached to the base **swimming** pool.

**MPACT IF NOT** PROVIDED: The personal fitness and readiness of Air Force **members** will **:ontinue** to be negatively impacted by limiting its programs due to the inadequate and **:ubstandard** fitness center. Patrons will continue using facilities that are unsightly, **lated**, and below Air Force standards.

**LDDITIONAL:** This project meets the criteria/scope specified in **AFH** 32-1084, "Facility **lequirements"**. Apreliminary analysis of **resonable** options for **accomplishing** this **project** (status Quo, renovation, new construction) was done. It indicates there is only **me** option that will **meet requirements**. Because of this, a full econaaic analysis was rot performed. icertificate of exception has been prepared. Base Civil Engineer: Lt !ol Richard S. **Jarvis**, (208) 828-6353. Fitness Center Addition: 2,153 **SM =** 23,166 SF; **Liter** Fitness Center: 375 **SM =** 4,035 SF.

**FOINT** USE CERTIFICATION: Mission requirements, operational considerations, and location **Free incompatible** with use by other **components**.

1. COMPONENT       FY 2004 MLITARY CONSTRUCTION PROJECT MTA       2. DATE         AIR FORCE       (computer generated)										
3. INSTALLATIO	ON AND LOC	TATION			4 PROJ	DRCMT 1	TTT.R			
MOTINE THE HOME					300 70			BTONDO	a	
MOUNTAIN HOME	AIR FORCE	S DADE, IDAEU	,		ADD 10	AND A	ALTER	FITNES	8 CENI	'EK
5. PROGRAM EL	EMENT	6. CATEGORY	CODE	7. <b>PROJ</b>	ect num	BER	8. I	ROJECT	COST	(\$000)
27596		742-674		QYZ	ZH023010	)			5,445	
12. <b>SUPP-</b> AL	DATA:									
a. Estimated	d Design I	Data:								
(1) Status	s:									
(a) Da	ate Design	Started							28-MAI	R-02
(b) Pa:	rametric (	Cost Estimate	s used	to dev	elop cos	sts				YES
• (c) Per	cent Com	<b>lete</b> as of	01 <b>JAN</b>	2003						15%
<b>* (đ)</b> Dat	te 35% Dea	signed							05-AU	3-02
(e) Da	te Design	Complete							20-AUG	3-03
(f) Ene	ergy Study	/Life-Cycle	analys	is was/	will be	perf	ormed			YES
(0)										
(2) Basis:	:									
(a) Sta (b) wh	andard or	Derinitive I	esign	- 						NO
	ere Desigi	I Was Most Re	сенсту	usea -						
<b>(3)</b> Total	Cost (c)	<b>=</b> (a) + <b>(b</b> )	) or ( <b>đ</b> )	+ (e):					(\$(	000)
<b>(a)</b> Pr	oduction of	of Plans and	Specif	ication	s					327
<b>(b)</b> Al	1 Other Dea	sign Costs								163
(C) Total										490
(d) Contract										436
(e) In -	house									54
(4) Const	ruction C	Contract Award							04	JAN
(5)Constr	ruction St	tart							04	FEB
(6) Const:	ruction <b>Co</b>	mpletion							05	OCT
<ul> <li>Indicate which is cost and</li> </ul>	es <b>complet</b> s <b>comparal</b> d executab	<b>tion</b> of Proje <b>ble</b> to tradit bility.	ect Def ional :	inition 35% des:	with Pa ign to e	aramet ensure	tric ( e vali	lost Es d scop	timate e,	
b. Equipment	<b>t</b> associat	ed with this	proje	ct prov:	ided <b>fra</b>	<b>m</b> otl	her aj	ppropri	ations	:
			DE	COLUMN THE	3 :	FISCA	L YEA	IR FD		COST
EQUIPMENT	NOMENCLA	TURE	APPI	ROPRIAT	ION	OR RE	QUEST	ED		(\$000)
COMMUNICA	ATION EQUI	P/WIRING		3400		2	004			118

1. COMPONENT AIR FORCE		FY 20	04 MII	LITARY	CONSTR	UCTION	I PROGI	RAM	2. DATE	
3. INSTALLATION A	ND LOCA	TION		COMM	AND:			5. AREA	CONST	
SCOTT AIR FORCE BASE 4. AIR MOBILIT							1AND	COST IN	IDEX	
ILLINOIS	1.19									
6. Personnel	PEF	RMANENT	MANENT STUDENTS   SUPPORTED							
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 02	2168	4955	2430	3	230	14	263	285	551	10,899
END FY 2007	2171	4938	2419	3	230	14	263	285	551	<b>10,87</b> 4
7. INVENTORY DAT Total Acreage:	A (\$000)	3,230								
Inventory Total as of : (30 Sep 02) 1,947,465										<b>1,947,46</b> 5
Authorization Not Yet	in Invento	ory:								8,611
Authorization Request	ted in this	Program								<b>1,90</b> 0
Authorization Included	d in the F	ollowing F	rogram	n:	(FY 2005)					<b>11,80</b> 0
Planned in Next Four Years Program: 76										<b>76,98</b> 8
Remaining Deficiency: 54,401									54,4010	
Grand Total: 2,101,16										2,101,164
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2004)										
CATEGORY COST DESIGN STATU									STATUS	
<u>CODE</u>	PROJEC	<u>T TITLE</u>				<u>SCOPE</u>		<u>\$,000 S</u>	TART	CMPL
730-839	Construct	t Shiloh G	ate (AT	/FP)		I	LS	1,900	May-02	Aug-0:3
						(5)(0.0)		1.900		
9a. Future Projects: I	Included i	n the Follo	wing F	Program	:	(FY20	J5)	NON	E	
90. Future Projects:	I ypical Pl	anned Ne	xt Inre	e years	5:					
	TACC (A)	<u> </u>		ator)		0 1 5 1	SM	20 000		
141-401				Ler)		0,404	SIVI	20,000		
010-011 61 0 925	Socurity	COTRAN		raciiity d		2 5 2 0	SM	20,000		
01 0-000 701-310	Dormitory		mpoun	u		3,520 1 <i>44</i>	RM	12 600		
9c. Real Propery Mai	intenance	Backlog 7	This Ins	stallatior	1	177		12,000		80,5313
10. Mission or Major	Functions	: Headqua	arters A	Air Mobil	ity Comma	and and	US Tran	sportatior	n Comma	nd, an
aeromedical evacuat	ion wing, v	with an AF	Reser	ve Asso	ciate wing	and an	Air Natic	onal Guaro	d air refue	ling wing
1 I. Outstanding pollu	ution and S	Safety (OS	sha de	eficiencie	es):			•		
a. Air pollution 0										
b. Water Pollution 0										
c. Occupational Safety and Health 0										
d. Other Environ	mental							0		

DD Form **1390**, **24** Jul 00

1 0000000000000000000000000000000000000			0010000				0.00			
AIR FORCE	Computer generated)									
3. INSTALLATION	AND L	OCATION		4. P	ROJECT TIT	LE				
SCOTT AIR FORCE	BASE,	ILLINOIS		CONSTRUCT SHILOH GATE (AT/FP)						
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJ	JECT NUMBER 8. PROJECT_COST (\$000)						
29047		720 830	100	v	110	Auth:	1,900			
28047		/30-839		/110	Approp: 1,900					
<u> </u>		9. COS	ST KSTI		T	UNIT	COST			
				<b>U/M</b>	QUANTITY					
PRIMARY STRUCTUR	es			LS			1,021			
GATEHOUSE				SM	74	1,230	( 91)			
CANOPY/ID CHECK	ER STA	ATIONS		SM	335	2,776	( 930 )			
SUPPORTING FACIL	LITIES						691			
UTILITY/COMMUNI	ICATIO	N LINES		LS			(80)			
INBOUND PAVEMEN	NT CON	STRUCTION		LS			( 140)			
MISC. AT/FP		D T TNDA		LS			( 371)			
CIDTOTAL	SAD PW	r lindo		100			( 100)			
CONTINGENCY	450	<b>8</b> )					1,712			
TOTAL CONTRACT	COST	•)				1,798				
SUPERVISION, INS	SPECTI	ON AND OVERHEAD (	5.7 %)				102			
TOTAL REQUEST				l			1,900			
TOTAL REQUEST (F	ROUNDE	D)					1,900			
EQUIPMENT FROM C	THER	APPROPRIATIONS (NON	-ADD)				( 110.0 )			
LO. Description	of P	roposed Construction	1: Force	Prot	ection up	grades at S	hiloh gate.			
communication/ut	ility	lines, relocation (	of <b>some</b>	overh	necker stat nead power	lines to <b>u</b>	derground,			
some inbound pav	ement	construction, and	all othe	r ne	cessary eu	pport. Incl	udes Anti-			
ferrorism/Force	Prote	ction physical secur	rity IAW	DoD	minimal c	onstruction	standards.			
11. REQUIREMENT:		ADEQUATE:	SUBSI	ANDAI	RD:					
PROJECT: Force	Prote	ction (FP) of Shiloh	n entry	gate.	The new	entry contr	col point will			
canopy and 8 ID	Check	er Stations, as wel	ll as t	he re	quired utili	ty <b>and</b> site	improvements.			
REQUIREMENT: Th	ne imp	rovement of the Shi	loh veh	icle	gate for fo	rce protect	ion require			
new road work, u	tiliti	les, communications	lines,	fenci	ing, guard	booths, gua	rd house,			
overhead canopy,	appro	ach <b>and</b> checkpoint	inspect:	ion i tion	levels s	cott AFR has	<b>been</b> forced			
to initiate stric	t con	trols on base acces	ss. The	se co	ontrols ha	ve resulted	in several			
negative but neg	cessar	y consequences: Vel	hicles a	re cu	urrently q	ueueing onto	o off base			
roads while wait	ing f	or inspection, guard om roque vehicles of	ds are <b>i</b> r weathe	nspec	ting vehicles	les both on must trave	and off base			
traffic patterns	rith no protection from rogue vehicles or weather and vehicles must traverse hazardous traffic patterns due to constraints of current infrastructure.									
IMPACT IF NOT PR	OVIDEI	: This initiative	will di	rect	ly address	a fundament	al			
vulnerability th	nat ha	s been noted in high	her head	lquar	ters vulne	rability as:	sessment as			
security of the	insta	llation that houses	the 'br	ain'	of the de	fense trans	portation			
system.						-				
ADDITIONAL: A p	relimi	inary analysis of r	reasonab	le op	ptions for a	ccomplishin	g this project			

Previous editions are obsolete.

Page No.
1. COMPONENT		FY 2004 MILITARY	CONSTR	DATA	2 . <b>Date</b>		
AIR FORCE		(comp	uter ge	nerated)			
3. INSTALLATIO	N AND L	AND LOCATION 4. PROJECT TITLE					
SCOTT AIR FORCE	E BASE,	ILLINOIS		CONSTRUCT SHI	LOH GATE (AT/F	P)	
5. PROGRAM ELE	MENT	UENT 6. CATEGORY CODE 7. PROJECT NUMBER 8 PROJECT CO					
28047		730-839	VI	00			

[status quo, renovation, upgrade/removal, new construction, leasing) was accomplished. It indicates that new construction is the only option that will meet operations requirements. Because of this, a full economic analysis will not be performed. A certificate of exception will be prepared. Re-routing the out-bound road network will be accomplished with a companion O&M funded Minor Contruction project (VDYD 02-0180A). In-bound traffic calming force protection measures will be accomplished with a companior O&M funded Repair project (VDYD02-0180B). Base Civil Engineer: Lt Col John R Cawtorne, (618) 256-2701.

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location **are** incompatible with use by other components.

e# \*

1. COMPONENT		FY 2004 MILI	TARY CONSTR	UCTION PROJ	ECT DATA	2.	DATE
AIR FORCE		(*	computer g	enerated)			
3. INSTALLATI	ON AND LOC	ATION		4. PROJE	CT TITLE		
SCOTT AIR FOR	CE BASE, I	LLINOIS		CONSTRUCT	SHILOH GATE	: (AT/FP)	
5. PROGRAM EL	EMENT	6. CATEGORY	CODE 7. P	ROJECT NUMB	ER 8. PROJEC	et cost (	\$000)
28047		730-839	)	VDYD020118		1,900	
12. SUPPLEMEN	TAL DATA:						
a. Estimate	d Design I	Data:					
(1) Status	5:						
(a) Da	te Design	Started				01-MA	r-02
<b>(b)</b> Pa:	rametric (	Cost Estimate	s used to d	levelop cost	s		YES
* (c) Per	rcent Com	plete as of C	1 <b>JAN</b> 2003	ł			0%
• (d) Dat	e 35% Dea	signed				30-DE	2-02
(e) Da (f) Ta	te Design	Complete		- (		15-AU	3-03
(I) En	ergy study	/Life-Cycle	analysis wa	s/will be p	periormed		NO
(2) Basis	:						
(a) St	andard or l	Definitive D	esign -	_			NO
(b) Whe	ere <b>Design</b>	Was <b>Most</b> Red	cently Used	1 -			
(3) Total	Cost (c)	= (a) + (b)	or (đ) + (e	):		(\$	000)
(a) <b>P</b> 1	oution	of <b>Plans</b> and	Specificat	ons			540
<b>(b)</b> Al	l Other De	esign Costs					360
(c) I	otal						900
(d) C	ontract						700
(8) 111	-nouse						200
(4) Constr	ruction Co	ontract Award	l			03	SEP
(5) Const:	ruction St	art				03	OCT
(6) Const	ruction Co	mpletion				04	OCT
• Indicate which i coat an	es <b>complet</b> s <b>comparab</b> d executab	i <b>on</b> Drojec Dle to tradit Dility.	t Definiti ional 35% d	on with Par <b>esign</b> to <b>en</b>	ametric Cost <b>sure</b> valid so	Estimate cope,	1
b. Equipmen	t associat	ed with this:	project pr	ovided <b>from</b>	other approp	priations	:
EQUIPMENT	' NOMENCLA	TURE	PROCUR APPROPRI	F ING AI	ISCAL YEAR PPROPRIATED R <b>REQUESTED</b>		COST ( <b>\$000)</b>
EQUIPTMEN	T FROM OT	HER APPROP	522	2	2003		110
-							

DD FORM 1391, DEC 76

Previous editions are obsolete.

1. COMPONENT		FY 20	004 MI	LITARY	CONSTR	UCTION	PROGF	RAM	2. DATE	
AIR FORCE	1							<b>ا</b> ا		
3. INSTALLATION A		ATION		COMM	AND:			5. AREA	CONST	
MCGUIRE AIR FOR	CE BASE			4. AIR	MOBILITY	COMM	AND	COST IN	IDEX	
I'JEW JERSEY								1.17		
6. Personnel	PEI	RMANENT	-	S	TUDENTS		SU	PPORTE	D	
<sup>!</sup> strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 02	960	3226	2740	450	2909	0	78	1680	84	<b>12,12</b> 7
END FY 2007	847	2763	2739	439	2819	0	78	1680	84	11,443
7. INVENTORY DAT	A (\$000)									
<b>Fotal</b> Acreage:	· · ·	3,661								
Inventory Total as of	: (30 Sep	02)								<b>1,492,06</b> 7
Authorization Not Yet	t in Invente	ory:								81,400
Authorization Reques	sted in this	s Program:								11,627
Authorization Included	d in the F	ollowing P	rogram	ı:	(FY 2005)					ß
Planned in Next Four	Years Pr	ogram:								106,900
Remaining Deficiency	/:									54,400
Grand Total:									-	1,746,394
3: PROJECTS REQ	UESTED	IN THIS PI	ROGR	AM:			(FY 200	4)		
CATEGORY								COST	DESIGN	STATUS
CODE	PROJECT	<u>TITLE</u>				<u>SCOPE</u>		\$,000 S	TART	CMPL
211-157	C-17 Mai	ntenance -	Training	g Device	e Facility	2,230	SM	6,862	Apr-02	Sep-03
<b>8</b> 322-245	C-II-Road	la 🎗 I Itiliti	00			4	10	1 765		0.00
			62			I	LO	4,705	Apr-02	Sep-03
			62			I	TOTAL	4,765	Apr-02	Sep-03
9a. Future Projects: I	Included i	n the Follo	owing F	Program	1:	(FY200	TOTAL	4,765 11.627 N	Apr-02	Sep-03
9a. Future Projects: I 9b. Future Projects: <sup>-</sup>	Included i Typical Pl	n the Follo anned Nex	owing F kt Thre	Program e Years	n: 5:	(FY200	13 TOTAL 5)	4,765 11.627 N	Apr-02	Sep-03
9a. Future Projects: I 9b. Future Projects: <sup>-</sup> I <u>CODE</u>	Included i Typical Pl PROJEC	n the Follo anned Nex TTITLE	owing F kt Thre	Program e Years	1: 5:	(FY200	TOTAL 5)	4,765 11.627 N	Apr-02	Sep-03
9a. Future Projects: I 9b. Future Projects: T I <u>CODE</u> 136-667	Included i Typical Pl <u>PROJEC</u> Airfield In	n the Follo anned Ne: <u>T TITLE</u> frastructur	owing F xt Thre e	Program e Years	n: 3:	(FY200 151,484	TOTAL 5)	4,765 11.627 N 12,800	Apr-02	Sep-03
9a. Future Projects: 1 9b. Future Projects: <sup>-</sup> 1 <u>CODE</u> 136-667 171-815	Included i Typical Pl PROJEC Airfield In Add/Alter	n the Follo anned Nex TTITLE frastructur NCOA Ac	owing F kt Thre e ademic	Program e Years c Faciliti	n: S: es	(FY200 151,484 13,790	TOTAL 5) SM SM	4,765 11.627 N 12,800 20,000	IONE	Sep-03
9a. Future Projects: I 9b. Future Projects: <sup>-</sup> I <u>CODE</u> 136-667 171-815 422-264	Included i Typical PI PROJEC Airfield In Add/Alter Munitions	n the Follo anned Nex <u>T TITLE</u> frastructur NCOA Ac S Storage A	owing F kt Thre e ademic Area	Program e Years c Faciliti	n: s: es	(FY200 151,484 13,790 1,945	SM SM SM	4,763 11.627 N 12,800 20,000 7,200	ONE	Sep-03
9a. Future Projects: 1 9b. Future Projects: 7 1000E 136-667 171-815 422-264 610-243	Included i Typical PI PROJEC Airfield In Add/Alter Munitions Consolida	n the Follo anned Nex <u>T TITLE</u> frastructur NCOA Ac Storage A ated Air Mo	owing F xt Thre e ademic Area obility S	Program e Years c Faciliti Sq <b>Fac</b> (	n: s: es 3 Sq)	(FY200 151,484 13,790 1,945 2,450	SM SM SM SM SM SM	4,763 11.627 N 12,800 20,000 7,200 17,000	ONE	Sep-03
9a. Future Projects: 1 9b. Future Projects: 7 136-667 171-815 422-264 610-243 610-243	Included i Typical PI PROJEC Airfield In Add/Alter Munitions Consolida AMOG/AI	n the Follo anned Nez <u>T TITLE</u> frastructur NCOA Ac Storage A ated Air Mo	es owing F kt Thre e ademic Area obility S dquarte	Program e Years c Faciliti 6q <b>Fac</b> ( ers	n: s: es 3 Sq)	(FY200 151,484 13,790 1,945 2,450 2,450	SM SM SM SM SM SM SM	4,783 11.627 N 12,800 20,000 7,200 17,000 7,100	Apr-02	Sep-03
9a. Future Projects: 1 9b. Future Projects: 7 136-667 171-815 422-264 610-243 610-243 724-417	Included i Typical PI PROJEC Airfield In Add/Alter Munitions Consolida AMOG/AI Air Mobili	n the Follo anned Nex <u>T TITLE</u> frastructur NCOA Ac Storage A ated Air Mo MOS Head ty Warfare	es wing F kt Thre ademic Area bbility S dquarte Cente	Program e Years c Faciliti 6q <b>Fac</b> ( ers r Lodgir	n: s: es 3 Sq) ng	(FY200 151,484 13,790 1,945 2,450 2,450 5,600	SM SM SM SM SM SM SM SM SM	4,763 11.627 N 12,800 20,000 7,200 17,000 7,100 15,000	Apr-02	Sep-03
9a. Future Projects: 1 9b. Future Projects: 7 1 <u>20DE</u> 136-667 171-815 422-264 610-243 610-243 724-417 8312-225	Included i Typical PI PROJEC Airfield In Add/Alter Munitions Consolida AMOG/AI Air Mobili Electrical	n the Follo anned Nex <u>T TITLE</u> frastructur NCOA Ac Storage A ated Air Mo MOS Head ty Warfare Distributio	es wing F kt Thre ademic Area bility S dquarte Cente n Syste	Program e Years c Faciliti 6q <b>Fac</b> ( ers r Lodgir em	n: s: ess 3 Sq) ng	(FY200 151,484 13,790 1,945 2,450 2,450 5,600 10,010	SM SM SM SM SM SM SM SM SM SM	4,763 11.627 N 12,800 20,000 7,200 17,000 7,100 15,000 11,800	ONE	Sep-03
9a. Future Projects: 1 9b. Future Projects: 7 136-667 171-815 422-264 610-243 610-243 724-417 8312-225 8342-245	Included i Typical PI PROJEC Airfield In Add/Alter Munitions Consolida AMOG/AI Air Mobili Electrical Water Dis	n the Follo anned Nex <u>T TITLE</u> frastructur NCOA Ac Storage A ated Air Mo MOS Head ty Warfare Distribution S	es wing F kt Thre ademid Area obility S dquarte Cente n Syste System	Program ee Years c Faciliti Sq <b>Fac</b> ( ers r Lodgir em	n: 3: es 3 Sq) ng	(FY200 151,484 13,790 1,945 2,450 2,450 5,600 10,010 45,000	SM SM SM SM SM SM SM SM SM SM SM SM LM	4,763 11.627 N 12,800 20,000 7,200 17,000 7,100 15,000 11,800 16,000	Apr-02	Sep-03
9a. Future Projects: 1         9b. Future Projects: 7         120DE         136-667         171-815         422-264         610-243         610-243         724-417         8312-225         8342-245         9c. Real Property Mai	Included i Typical PI PROJEC Airfield In Add/Alter Munitions Consolida AMOG/AI Air Mobili Electrical Water Dis ntenance	n the Follo anned Nez <u>T TITLE</u> frastructur NCOA Ac Storage A ated Air Mo MOS Head ty Warfare Distribution S Backlog T	e ademic Area bility S dquarte Cente n System his Ins	Program e Years c Faciliti Sq <b>Fac</b> ( ers r Lodgir em	n: s: es 3 Sq) ng	(FY200 151,484 13,790 1,945 2,450 2,450 5,600 10,010 45,000	SM SM SM SM SM SM SM SM SM SM SM LM	4,763 11.627 N 12,800 20,000 7,200 17,000 7,100 15,000 11,800 16,000	Apr-02	Sep-03
9a. Future Projects: I 9b. Future Projects: T 136-667 171-815 422-264 610-243 610-243 724-417 8312-225 8342-245 9c. Real Propery Mai	Included i Typical PI PROJEC Airfield In Add/Alter Munitions Consolida AMOG/AI Air Mobilin Electrical Water Dis Intenance	n the Follo anned Nex <u>T TITLE</u> frastructur NCOA Ac Storage A ated Air Mo MOS Head ty Warfare Distribution Stribution S Backlog T s: Headqua	es wing F at Thre ademic Area obility S dquarte Cente n Syste System his Ins arters, 2	Program e Years c Faciliti 6q <b>Fac</b> ( ers r Lodgir em stallatior 21st Air	n: s: es 3 Sq) ng Force; an	(FY200 151,484 13,790 1,945 2,450 2,450 5,600 10,010 45,000 air mobil	SM SM SM SM SM SM SM SM SM SM LM	4,763 11.627 N 12,800 20,000 7,200 17,000 7,100 15,000 11,800 16,000 with one C	Apr-02	Sep-03
9a. Future Projects: I           9b. Future Projects: T           136-667           171-815           422-264           610-243           610-243           724-417           8312-225           8342-245           9c. Real Propery Mai           'IO. Mission or Major           and two KC-I 0 squado	Included i Typical PI PROJEC Airfield In Add/Alter Munitions Consolida AMOG/AI Air Mobili Electrical Water Dis Intenance Functions frons; an	n the Follo anned Nex <u>T TITLE</u> frastructur NCOA Ac Storage A ated Air Mo MOS Head ty Warfare Distribution Stribution S Backlog T S: Headqua	e ademic Area obility S dquarte Cente n Syste Gystem This Ins arters, 2 v Opera	Program e Years c Faciliti Sq <b>Fac</b> ( ers r Lodgir em stallation <b>21st</b> Air ations G	n: es 3 Sq) ng Force; an Group (AMG	(FY200 151,484 13,790 1,945 2,450 2,450 5,600 10,010 45,000 air mobil DG), the	SM SM SM SM SM SM SM SM SM SM SM LM LM	4,763 11.627 N 12,800 20,000 7,200 17,000 7,100 15,000 11,800 16,000 with one C ity Comm	C-141 squ	112,176 adron are
9a. Future Projects: I           9b. Future Projects: I           136-667           171-815           422-264           610-243           610-243           724-417           812-225           842-245           9c. Real Propery Mai           'IO. Mission or Major           and two KC-I 0 squad           Center; and AFRC C-	Included i Typical PI PROJEC Airfield In Add/Alter Munitions Consolida AMOG/AI Air Mobili Electrical Water Dis Intenance Functions arons; an A	n the Follo anned Nez <u>T TITLE</u> frastructur NCOA Ac Storage A ated Air Mo MOS Head ty Warfare Distribution S Backlog T S: Headqua Air Mobility 0 associat	es wing F kt Thre ademic Area obility S dquarte Cente n System his Ins arters, 2 o Opera e air m	Program e Years c Faciliti Sq <b>Fac</b> ( ers r Lodgir em stallation <b>21st</b> Air ations G nobility v	n: es 3 Sq) ng Force; an Group (AMC ving; and a	(FY200 151,484 13,790 1,945 2,450 2,450 5,600 10,010 45,000 air mobil DG), the a New Je	SM SM SM SM SM SM SM SM SM SM SM SM SM S	4,763 11.627 N 12,800 20,000 7,200 17,000 7,100 15,000 11,800 16,000 with one C ity Comm National C	C-141 squ and Warf Guard air	112,176 adron are refueling
9a. Future Projects: I 9b. Future Projects: T 136-667 171-815 422-264 610-243 610-243 724-417 8312-225 8342-245 9c. Real Propery Mai 10. Mission or Major and two KC-I 0 squac Center; and AFRC C- with two KC-I 35 squa	Included i Typical PI PROJEC Airfield In Add/Alter Munitions Consolida AMOG/AI Air Mobilit Electrical Water Dis Intenance Functions frons; an A 141/KC-1 adrons.	n the Folic anned Nez <u>T TITLE</u> frastructur NCOA Ac Storage A ated Air Mo MOS Head ty Warfare Distribution S Backlog T S: Headqua Air Mobility 0 associat	es wing F at Thre ademic Area bility S dquarte Cente n Syste Cente n Syste System his Ins arters, 2 v Opera e air m	Program e Years c Faciliti 6q <b>Fac</b> ( ers r Lodgir em stallation <b>21st</b> Air ations G	n: s: es 3 Sq) ng Force; an froup (AM0 ving; and a	(FY200 151,484 13,790 1,945 2,450 2,450 5,600 10,010 45,000 air mobil DG), the a New Je	SM SM SM SM SM SM SM SM SM SM SM SM SM S	4,763 11.627 N 12,800 20,000 7,200 17,000 7,100 15,000 11,800 16,000 with one C ity Comm National C	C-141 squ and Warf Guard air	Sep-03 112,176 adron are refueling
9a. Future Projects: I 9b. Future Projects: I <u>136-667</u> 171-815 422-264 610-243 610-243 724-417 8312-225 842-245 9c. Real Propery Mai 'IO. Mission or Major and two KC-I 0 squad Center; and AFRC C- with two KC-I 35 squa III. Outstanding pollu	Included i Typical PI PROJEC Airfield In Add/Alter Munitions Consolida AMOG/AI Air Mobili Electrical Water Dis Intenance Functions frons; an 141/KC-1 adrons.	n the Follo anned Nex <u>T TITLE</u> frastructur NCOA Ac Storage A ated Air Mo MOS Head ty Warfare Distribution S Backlog T s: Headqua Air Mobility 0 associat	es wing F kt Thre ademic Area obility S dquarte Cente n Syste Gystem his Ins arters, 2 opera e air m SHA De	Program e Years c Faciliti Sq <b>Fac</b> ( ers r Lodgir em stallation <b>21st</b> Air ations G nobility v	n: s: es 3 Sq) ng Force; an Group (AMC ving; and a es):	(FY200 151,484 13,790 1,945 2,450 2,450 5,600 10,010 45,000 air mobil DG), the a New Je	SM SM SM SM SM SM SM SM SM SM SM LM ity wing v Air Mobil rsey Air I	4,763 11.627 N 12,800 20,000 7,200 17,000 7,100 15,000 11,800 16,000 with one C ity Comm National C	Apr-02 ONE C-141 squ and Warf Guard air	112,176 adron are refueling
9a. Future Projects: 1 9b. Future Projects: 7 136-667 171-815 422-264 610-243 610-243 724-417 8312-225 8342-245 9c. Real Propery Mai 'IO. Mission or Major and two KC-I 0 squad Center; and AFRC C- with two KC-I 35 squa III. Outstanding pollur a. Air pollution	Included i Typical PI PROJEC Airfield In Add/Alter Munitions Consolida AMOG/AI Air Mobili Electrical Water Dis Intenance Functions frons; an A 141/KC-1 adrons.	n the Follo anned Nez <u>T TITLE</u> frastructur NCOA Ac Storage <i>A</i> ated Air Mo <b>MOS</b> Head ty Warfare Distribution S Backlog T S: Headqua Air Mobility <b>0</b> associat	es wing F kt Thre ademid Area obility S dquarte Cente n Syste Cente n Syste n Syste arters, 2 v Opera e air m	Program e Years c Faciliti Sq <b>Fac</b> ( ers r Lodgir em stallation <b>21st</b> Air ations G nobility v	n: s: es 3 Sq) ng Force; an froup (AM0 ving; and a es):	(FY200 151,484 13,790 1,945 2,450 2,450 5,600 10,010 45,000 air mobil DG), the a New Je	SM SM SM SM SM SM SM SM SM SM SM SM SM S	4,765 11.627 N 12,800 20,000 7,200 17,000 7,100 15,000 11,800 16,000 with one C ity Comm National C	C-141 squ and Warf Guard air	112,176 adron are refueling
9a. Future Projects: 1 9b. Future Projects: 7 136-667 171-815 422-264 610-243 610-243 724-417 8312-225 8342-245 9c. Real Propery Mai 10. Mission or Major and two KC-I 0 squac Center; and AFRC C- with two KC-I 35 squa 11. Outstanding pollur a. Air pollution b. Water Pollution	Included i Typical PI PROJEC Airfield In Add/Alter Munitions Consolida AMOG/AI Air Mobilit Electrical Water Dis Intenance Functions frons; an A 141/KC-1 adrons.	n the Folic anned Nez <u>T TITLE</u> frastructur NCOA Ac Storage <i>A</i> ated Air Mc MOS Head ty Warfare Distribution S Backlog T S: Headqua Air Mobility 0 associat	es wing F kt Thre ademic Area obility S dquarte Cente n System his Ins arters, 2 opera e air m HA De	Program e Years c Faciliti Sq <b>Fac</b> ( ers r Lodgir em stallation 21st Air ations G nobility v	n: s: es 3 Sq) ng Force; an Force; an froup (AMC ving; and a es):	(FY200 151,484 13,790 1,945 2,450 2,450 5,600 10,010 45,000 air mobil DG), the	TOTAL 5) SM SM SM SM SM SM SM SM SM SM SM SM SM	4,763 11.627 N 12,800 20,000 7,200 17,000 7,100 15,000 11,800 16,000 With one C ity Comm National C 0 0	Apr-02 IONE C-141 squ and Warf Guard air	112,176 adron are refueling
9a. Future Projects: I 9b. Future Projects: I 136-667 171-815 422-264 610-243 610-243 724-417 812-225 842-245 9c. Real Propery Mai 10. Mission or Major and two KC-I 0 squac Center; and AFRC C- with two KC-I 35 squa 11. Outstanding pollur a. Air pollution b. Water Pollution c. Occupational S	Included i Typical PI PROJEC Airfield In Add/Alter Munitions Consolida AMOG/AI Air Mobilit Electrical Water Dis Intenance Functions frons; an A Adrons. tion and S	n the Folic anned Nez <u>T TITLE</u> frastructur NCOA Ac Storage <i>A</i> ated Air Mo <b>MOS</b> Head ty Warfare Distribution S Backlog T S: Headqua Air Mobility <b>0</b> associat Safety (OS	es wing F at Thre ademic Area obility S dquarte Cente n Syste Cente n Syste Arters, 2 v Opera e air m	Program e Years c Faciliti Sq <b>Fac</b> ( ers r Lodgir em stallation <b>21st</b> Air ations G nobility v	n: s: es 3 Sq) ng Force; an froup (AM0 ving; and a es):	(FY200 151,484 13,790 1,945 2,450 2,450 5,600 10,010 45,000 air mobil DG), the	SM SM SM SM SM SM SM SM SM SM SM SM SM S	4,765 11.627 N 12,800 20,000 7,200 17,000 7,100 15,000 11,800 16,000 With one C ity Comm National C 0 0	Apr-02 ONE C-141 squ land Warf Guard air	112,176 adron are refueling
9a. Future Projects: I 9b. Future Projects: I 136-667 171-815 422-264 610-243 610-243 724-417 812-225 842-245 9c. Real Propery Mai 10. Mission or Major and two KC-I 0 squad Center; and AFRC C- with two KC-I 35 squad II. Outstanding pollur a. Air pollution b. Water Pollution c. Occupational S d. Other Environ	Included i Typical PI PROJEC Airfield In Add/Alter Munitions Consolida AMOG/AI Air Mobili Electrical Water Dis Intenance Functions frons; an A Adrons. tion and S Safety and mental	n the Follo anned Nex <u>T TITLE</u> frastructur NCOA Ac Storage <i>A</i> ated Air Mo <b>MOS</b> Head ty Warfare Distribution S Backlog T S: Headqua Air Mobility <b>0</b> associat Safety (OS	es wing F kt Thre ademid Area obility S dquarte Cente n Syste Cente n Syste This Ins arters, 2 v Opera e air m	Program e Years c Faciliti Sq <b>Fac</b> ( ers r Lodgir em stallation <b>21st</b> Air ations G nobility v	n: s: es 3 Sq) ng Force; an Group (AMC ving; and a es):	(FY200 151,484 13,790 1,945 2,450 2,450 5,600 10,010 45,000 air mobil DG), the a New Je	SM SM SM SM SM SM SM SM SM SM SM SM SM S	4,765 11.627 N 12,800 20,000 7,200 17,000 7,100 15,000 11,800 16,000 National C	Apr-02 ONE C-141 squ and Warf Guard air	112,176 adron are refueling

DD Form **1390**, **24** Jul 00

1. COMPONENT		FY 2004 MILITARY CONS	TRUCTIO	N PROJECT	DATA	2. DATE		
AIR FORCE		(computer	generate	ea)				
3. INSTALLATIO	N AND L	OCATION	4. P	ROJECT <b>TI</b>	TLB			
MCGUIRE AIR FO	ORCE BASE	, NEW JERSEY	C-17	ROADS &	UTILITIES			
5. PROGRAM ELE	MENT	6. CATEGORY CODE 7. P	ROJECT	NUMBER	8. PROJECT	COST (\$000)		
41120		000 045		0.01	Auth:	4,903		
41130		022-245	PTPL04:	3001	Approp	: 4,765		
		9. COST ES	TIMATES	1				
		ITEM	U/M	QUANTITY	UNIT	COST		
C-17 ROADS & U	TILITIES	l	LS			3,597		
HOT WATER LIN	es		LM	750	1,465	( 1,099		
WATER MAINS			LM	975	422	( 411		
ROADS/PAVEMEN	TS		LM	1,425	705	( 1,005		
ANOG COVERED	STORAGE		SM	2,322	158	(367		
ELECTRICAL DI	STRIBUT	ION	LM	884	300	( 265		
UTILITIES			LS	Í		( 450		
SUPPORTING FAC	TI.TTTES		•	•		702		
STITE THOROUGH	ENTR			E 		/ 251		
COMMENTCATION		<u>م</u>	LB T.C			( 231		
	•					( 555		
SDBIUIAL		• •				4,380		
CONTINGRNCY	( 5.0	*)				219		
TOTAL CONTRACT	COST					4,599		
SUPERVISION, I	NSPECTIO	N AWD OVERHEAD (5.7 %	5)			262		
TOTAL REQUEST						4,861		
TOTAL REQUEST	(ROUNDED	))				4,903		
10. Description vater heat line inderground, re- roads and parki >perations Grow reconfiguration	on of Pr es (HTHW eplace m ing lots up (AMOG n of the	oposed Construction: P. ) underground, place mai ain water lines, provide to support C-17 <b>Beddown</b> ) covered storage which a roadways and parking lo	ace abo n elect c <b>ommu</b> n. Repla impairs	rical dis nications nce 2,322 construc	i hot temper tribution li support, and SM Air Mobil tion for the	ature hot nes l reconfigure lity		
L1. REQUIREMENT	: LS	ADEQUATE: LS SU	BSTANDA	RD: LS				
PROJECT: C-17	Roads a	nd Utilities. (New Miss	sion)					
<b>UEQUIREMENT:</b> It squadron. Addi <b>comparable</b> supp information sy Functioning el <b>idequate</b> function <b>the</b> new facility <b>385M</b> worth of the <b>lots</b> need to be <b>maintainers</b> ,	Jpgrade itional porting stems wi ectrical ioning w ties. Th training e reconf	existing utilities and space to support over 30 infrastructure. State-of 11 be used in the new fa and mechanical systems ater distribution system be <b>Maintenance</b> Training devices that need to be igured to provide the mo	roads t ,000 SM -the-ar acilitic for pro is nee Device : protec ost effi	o support of facil t electri es and the oper perfo eded to pr facility(1 ted. Exi ccient way	the beddown ities will r cal, mechani se systems r rmance. Add ovide fire p MTD), alone, sting roads of transpor	a ofa C-17 require .cal, and rely on litionally, <b>a</b> protection to will have <b>ov</b> and parking ting		
<b>TURRENT</b> SITUATI 17 beddown. How requirements. A requirements co we requirement	CON: Ar ever, i new MT ontribute ) will	oads and utilities proj ncreased requirements ha D, a larger C-17 Sq Ops, ed to these new infrastr require additional HTHW	ect was ave dict (AMU, an ructure , electr	programm tated larged addition requirement tical dist	ed for the t ger infrastru onal force po onts. The 36, ribution and	he initial C. acture cotection 000 SF MTD (a domestic		

DD FORM 1391, DEC 76 Previous editions are obsolete.

Page No.

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1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA							:	2. DATE	
AIR FORCE		(computer generated)								
3. INSTALLATION	AND LOCAT	ION			4. F	ROJECT	TI	TLE		
MCGUIRE AIR FOR	RCE BASE, N	ew jers	SEY		C-17	ROADS	£	UTILITIES		
5. PROGRAM ELED	EMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COS							COST	(\$000)	
41130	0 822-245 PTFL043001					4,903	3			

water capacity not orginally programmed. The Total Force concept (both Active Duty and Reserves in one facility) added approximately 13,000 SF to the facility and increased the demand of the infrastructure supplying the facility. The addition of over 485,000 Cu Ft to the C-17 Nose Dock requires the HTHW main to be increased to accomodate this requirement. The existing 12" cement asbestos main water line is over 40 years old and can not be expected to handle the new and increased requirements of the C-17 beddown. The lack of **shutoffs** and the age of the pipe make connection of the the new facilities to the main line extremely difficult and will **immediately** become a maintenance problem. With the amount of equipment and training devices going into the C-17 campus, functioning water distribution system is necessary. To accommodate Force Protection requirements existing roadways; White Street, Chaffee Ave. and Grissom Road, need to be reconfigured to provide proper access, with proper setbacks, to the C-17 Maintenance Hangar, the C-17 sq Ops/AMU, the C-17 Nose Dock, and the existing LG Headquarters. In addition to the roadway reconfiguration, parking requirements have been changed and the reconfiguration of existing parking lots adjacent the C-17 campus need to be accomplished. To satisfy the parking requirements for the C-17 campus 25,000 SP of AMOG covered storage needs to be relocated to the AMOG campus.

<u>IMPACT IF NOT PROVIDED:</u> Without adequate HTHW, electrical, and communications systems the C-17 beddown can not be completed. Over \$85M worth of training devices in one facility (MTD) will be at risk. Additonally, the flight simulator has over \$16M in assets and the Sq Ops/AMU will have over \$2M in equipment and computers. State-of-theart equipment for the shops in the C-17 Maintenance Hangar and Nose Dock, the training devices in the MTD, and the computers and equipment in the Sq Ops/AMU are subject to damage/loss if proper infrastructure support and protection does not exist.

ADDITIONAL: This project does meet the criteria/scope specified in Air Force Handbook 32-1084, "Civil Engineering Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project was done. It indicates repair of existing infrastructure is the only option that meets operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. Col Charles P Smiley (609) 754-2642

JOINT USE CERTIFICATION: This **is** an installation utility/infrastructure project, and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.

1. COMPONENT		FY 2004 MILITARY C	ONSTRUCT	(ION PROJECT	DATA	2. DATE
		(comput	si gener			
MCGUIRE AIR FO	ON AND LO	E, NEW JERSEY		4. PROJECT 1 C-17 ROADS 6	TITLE TILITIES	
5. PROGRAM EL	ement	6. CATEGORY CODE	7. PROC	JECT NUMBER	8. PROJECT COS	ST (\$000)
41130		022-245	PT	PL043001	4,	903
12. SUPPLEMEN	TAL DATA:		•			
a. Estimate	d Design	Data:				
(1) Status	5:					
(a) Da	te Desig	n Started			02	-APR-02
<b>(b)</b> Pa:	rametric	Cost Estimates used	to dev	elop costs		YES
• (c) Per	cent Co	mplete as of 01 JAN	2003			15%
• (d) Dat	:e 35% D	esigned			15	-SEP-02
(e) Da (f) En	erav Stu	dv/Life-Cycle analys	is was/	will be perf	20 ormed	NO
(2) 11	cigy beu	ay/hite cycic analys	10 (00)	will be peri-	ormed	No
(2) Basis:	:					
(a) St <b>(b)</b> Who	andard o ere Desig	or Definitive Deeign gn Was Most Recently	- <sup>7</sup> Used -			NO
(3) Total	Cost (	c) = (a) + (b) or (d	) + (e):			(\$000)
(a) P:	roduction	n of Plans and Speci:	Eication	IS		300
(b) Al	l Other	Design Costs				150
(c) To	tal					450
(a) Co (e) In	ntract -house					400 50
(4) Const	ruction	Contract Award				03 DEC
(5) Const	ruction	Start				04 JAN
(6) Const	ruction	Completion				04 DEC
<ul> <li>Indicate which i cost an</li> </ul>	es comple s <b>compar</b> d execut	etion of Project Def <b>able</b> to traditional ability.	inition 35% des	with Paramet ign to ensure	cric Cost Esti: a valid scope,	mate
b. Equipmen N/A	t associ	ated with this proje	ct prov	ided from oth	ner appropriat:	lons:
- FORM 1201 F		Previous edi	tions au	ce obsolete.		age No.

1. COMPONENT	FY	FY 2004 MILITARY CONSTRUCTION PROJECT DATA 2. DATE							
AIR FORCE		(comp	uter gen	ted)					
3. INSTALLATIC	N AND LOCATIC	n Jersey		4. P C-17 FACII	PROJECT TITLE 7 MAINTENANCE TRAINING DEVICE ILITY				
5. PROGRAM ELE	MENT 6. C	ATEGORY CODE	7. PROJ	ECT 3	NUMBER	8. PROJECT Auth	COST (\$000)		
41130		211-157	PTI	7L053	000S	Appro	p: 6,862		
		9. COS	ST ESTIM	IATES			<b>2027</b>		
	ITEM	<del>.</del>		<u>υ/м</u>	QUANTITY	UNIT	COST		
-17 MAINTENANG	E TRAINING DE	VICE FACILIT	Y	LS			4,963		
HIGH BAY TECH	TRAINING			SM	1,376	1,205	<b>(</b> 1,658)		
FIELD TRAINING	G DETACHMENT			SM	1,191	1,549	(1,845)		
MAINTENANCE Q	UALIFICATIONS	TRAINING		SM	895	1,549	( 1,386)		
AT/FP PHYSICA	L SECURITY ME	ASURES		I SM	3,462	21	(74)		
UPPORTING FAC	ILITIES			[			1.343		
UTILITIES				LS			( 400)		
PAVEMENTS				LS			( 111)		
SITS IMPROVEM	ents			LS			( 212)		
DEMOLITION	a ·			SM	1,862	173	( 322)		
COMMUNICATION	S SUPPORT			LS		-	(299)		
UBTOTAL							6 306		
ONTTINGENCY	(50%)						315		
OTAL CONTRACT	COST						6.622		
DPERVISION. IN	ISPECTION AND	OVERHEND (	57%)				377		
OTAL REQUEST		, , , , , , , , , , , , , , , , , , ,					6,999		
OTAL REQUEST							6 958		
OUIPMENT FROM	OTHER APPROPR	ATIONS (NON-	-ADD)				( 99,225 0)		
0. Description acility to incomplete alls with brice uppression/compression/compression/complete associated 1,862)	n of Proposed clude reinford k veneer, met <b>munications</b> s with this pr	Construction red concrete f al sloped roo ystems, utili oject, and Al	Sing foundation f, elec ties, s <b>f/FP</b> phy	le st on an trica ite <b>s</b> sical	ory facil: d floor s l/mechanic upport,al security	ity with fiv lab, masonry cal/fire det 1 necessary . Demolish o	re high bays. y exterior section and and required one facility		
1. REQUIREMENT	: 3,461 SM	ADEQUATE	: 0 SM	នា	JBSTANDARI	: 1,506 SM			
ROJECT: Const	ruct a C-17 M	Maintenance Tr	raining	Devic	e Facility	y (New Missi	lon).		
EQUIREMENT: As svice Facility pecialized han 3 incorporated aintenance Qua -15 Squad Ops/	part of the ( (MTD) is requ ds-on instruc l IAW USAF Ins lifications T (AMU) to MTD fa	C-17 Aircrew Mired. The MT tion for C-17 tallation For raining Progr acility.	Trainin D provid mainter cce Prote cam (MQTI	g Sys les to nance ection ?) fur	stem (ATS) cols and d . Force y n Guide. nction (be	a <b>Maintena</b> classrooms t protection m Relocate KC ing demolis	nce Training o provide measures will 2-10 and hed in FY03		
URRENT SITDATION ay size require acility is current ith the retire ides and could re addressed.	<u>ON:</u> Currently ements needed rently being ment of the C not accomoda Additionally,	y, a facility by the C-17 used for KC-1 -141's. The s ite an addition due to the	that addoes not does not on and C site of con as ad configu	ccomm - exis -141 the e ditic ratio	odates the st. The ex- training a xisting F onal force n and siz	e specialize xisting Fiel and will be TD is constr protection e of the fac	d height and d Training demolished rained on all requirements ility and the		

1. COMPONENT	F	<b>č</b> 2004 MIL	ITARY	CONSTRU	JCTION PR	ROJECT	DATA	2. DATE
AIR FORCE			(comp	uter gen	nerated)			
3. INSTALLATIO	N AND LOCAT	ION			4. PROJE	ECT TI	TLE	
MCGUIRE AIR FO	DRCE BASE, N	EW JERSEY			C-17 <b>MAI</b> FACILITY	INTENA)	NCE TRAINING D	EVICE
5. PROGRAM ELE	. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT CO						8. PROJECT CO	ST (\$000)
41130		211-157 <b>PTFL053000S</b> 6,9						58

increased space driven by the large training devices, it is not economically feasible to alter the existing facility. One facility (1,862 SW) in the way of construction will be lemolished as part of this project.

**IMPACT IF NOT PROVIDED:** Without training devices in place, maintenance training will **need** to be accomplished on assigned operational aircraft. The special type of naintenance required will remove two aircraft **from** operational flying status **when** naintenance is done. Both maintenance and flying training will be hindered due to lack **>f adequate** training time. The **beddown** and safe operation of the C-17 aircraft will not **>e accomplished** without providing a required maintenance training device facility. Praining at another location would incur additional TDY costs and a negative **impact** on naintenance due to maintainers being in transit for training.

**NDDITIONAL:** Facility will accommodate students, instructors, maintenance support, and administration personnel. There is no criteria/scope for this project in Part II of **(ilitary Handbook 1190, "Facility** Planning and Design Guide.. However, this project does **neet** the **criteria/scope** specified in Air Force Handbook **32-1084** "Facility Requirements'. A preliminary analysis of reasonable **options** for accomplishing this project (status quo, renovation, upgrade/removal, new construction, leasing) was done. It indicates there **is mly** one option that will meet operational requirements. Because of this, a full **sconomic** analysis wae not performed. A certificate of exception has been prepared. Base **livil** Engineer: Lt **Col** Charles **Smiley**, (**609**) **754-6188**. C-17 **Maintenance** Training **Device** facility conversion data - 3,461 SF = 37,378 SM.

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

1. COMPONENT	<b>FY</b> 2004 MLI	ITARY CONSTRU	CTION PROJECT	DATA	2 . <b>DATE</b>
AIR FORCE	(	(computer gene:	rated)		
3. INSTALLATIO	ON AND LOCATION		4. PROJECT	TITLE	
MCGUIRE AIR F	ORCE BASE, NEW JERSEY		C-17 MAINTE FACILITY	NANCE TRAINING	J DEVICE
5. PROGRAM EL	EMENT 6. CATEGORY	CODE 7. PROJ	ECT NUMBER	8. PROJECT CO	<b>ST</b> (\$000)
41130	211-157	7 PTH	L053000S	6 ,	958
12. SUPLEMEN	TAL DATA:				
a. Estimate	d <b>Design</b> Data:				
(1) Status	5:				
(a) Da	te Design Started			0	2-APR-02
(b) Par	rametric Cost Estimate	es used to dev	elop costs		YES
* (c) Per	rcent <b>Complete</b> as of	01 JAN 2003			15%
• (d) Dat	e 35% <b>Designed</b>			0	2-AUG-02
(e) Da	te Design <b>Complete</b>			1	5 - S E P - 0 3
(f) Ene	ergy Study/Life-Cycle	analysis was/	will be perf	ormed	No
(2) Basis:	:				
(a) Sta (b) Who	<b>andard</b> or Definitive <b>)</b> ere <b>Design</b> Was Most Re	<b>Design -</b> ecently Used -			No
(2) Totol	$G_{act}(x) = (x) + (b)$	om (d) + (a) -			(2000)
(3) TOTAL	Cost (C) = (a) + (b)	or (a) + (e):			(\$000)
(a) PI (b) N1	Other Design Costs	specification	15		340
(C) TO	t Other Design Costs				648
(d) Co	ntract				528
(e) In	-house				120
(4) Consti	ruction Contract Award	1			03 DEC
(5) Const	ruction Start				04 <b>MAR</b>
(6)Constr	uction Completion				05 <b>APR</b>
<ul> <li>Indicat which i cost an</li> <li>b. Equipmen</li> </ul>	es completion of Projec s comparable to traditi d executability. t associated with this	a Definition v ional 35% des: s project prw.	with Paramet: ign to ensure ided from ot)	ric Cost Esti valid scope, her appropriat	mate
EQUIPMENT	NOMENCLATURE	<b>PROCURIN</b> APPROPRIAT	G APPRO ION OR RE	AL YEAR PRIATED SQUESTED	COST ( <b>\$000)</b>
BRIDGE CH	ANES	3080	:	2004	2 2 5
TRAINING	DEVICES	3080	:	2005	99,000

ł.

1. COMPONENT		FY 20	04 MIL	TARY (	CONST	RUCTIC	N PROC	GRAM	2. DATE	
AIR FORCE										
INSTALLATION AND	LOCAT	ON		COMM	AND:			5. ARE	A CONST	
KIRTLAND AIR FOR	CE BASE	Ē		AIR FO	RCE M	ATERIE	iL	COSTI	NDEX	
NEW MEXICO				сомм	AND			0.99	1	
6. Personnel	PE	RMANEN	Γ	S	UDEN	TS	SU	PPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 02	1098	1352	1787	88	240	94	85	147	1.717	6.608
END FY 2007	1081	1319	1793	88	240	94	85	147	1717	6,564
7. INVENTORY DAT	A (\$000)							<b></b>	<u> </u>	
Total Acreage:		44,066								
Inventory Total as of	f : (30 Se	p 02)								594,159
Authorization Not Ye	t in Inven	tory:								54,427
Authorization Reque	sted in th	is Program	า:							6,957
Authorization Include	ed in the F	Following F	Program	n:	(FY 200	05)				0
Planned in Next Four	r Years P	rogram:								124,400
Remaining Deficienc	y:									32,000
Grand Total:										811, <del>94</del> 3
8. PROJECTS REQ	UESTED	IN THIS P	ROGR	AM:			(FY 200	4)		
CATEGORY								COST	DESIGN	STATUS
CODE	PROJEC	<u>T TITLE</u>				SCOPE	_	<u>\$,000</u>	START	CMPL
841-165	Arsenic 7	Freatment	System	IS		1	LS	6,957	Design-B	uild
						Total		6,957		
9a. Future Projects:	Included	in the Fol	lowing	Progran	n: (FY2	005)		No Proje	ects	
9b. Future Projects:	Typical P	lanned Ne	ext Fou	r Years	:					
141-764	Add to a	nd Alter Na	ational	Assessr	nent	3,418	SM	10,200		
	Group H	Q Facility								
171-627	Technica	I Training	Suppo	t Facilit	y	790	SM	1,950		
211-159	Corrosio	n Control F	acility			2,250	SM	6,200		
214-425	Transpor	tation Con	nplex			4,755	SM	14,800		
310-924	Consolid	ate Advan	ced Hig	gh Powe	r	3,235	SM	12,000		
	Microway	ve Lab, Ph	1							
310-924	Consolid	ate Advan	ced Hig	gh Powe	er	3,359	SM	<b>11, 800</b>		
	Microway	ve Lab, Ph	2							
310-931	Replace	High Powe	er Gas	Laser		1,303	SM	8,400		
312-472	Consolid	ate Space	Vehicl	es Com	ponent	3,000	SM	12,000		
	Dev Lab									
731-835	Central S	Security Co	ontrol F	acility		1,600	SM	14,800		
731-835	Security	Forces Co	mplex			1	LS	10,000		
736-773	Chapel E	xpansion				595	SM	1,250		
813-231	Electrica	Power Ma	ain Swi	tching S	tation	1	LS	4,000		
901-147	Reconstr	uct/Widen	Wyom	ing Roa	d, Ph	1	LS	9,000		
	1									
901-147	Reconstr	uct/Widen	Wyom	ing Roa	d,	1	LS	8,000		
	Ph ll									
9c. Real Properv Ma	intenanc	e Backlog	This In	stallatio	n				-	121
10. Mission or Major	Function	s: An air b	ase wir	ng; a spe	ecial op	erations	wing wi	th HH-60	), UH-1N, <sup>•</sup>	TH-53, MH-
53, MC-1 30 and HC-	130 aircra	aft; Air For	ce Res	earch La	aborato	ry resea	rch site l	ocations	for directe	ed energy,
space vehicle, and To	&E direct	orates; AF	Inspec	tion Age	ency; Al	F Opera	tional Te	est & Eva	luation Ce	nter; AF
Safety Center; and a	n Air Nati	onal Guaro	d fighte	r wing w	/ith F-16	6 aircraft	t.			
11. Outstanding pollu	ution and	Safety (O	SHA D	eficienc	ies:					
a. Air pollution								0		
b. Water Pollutio	n							75		
								-		
c. Occupational	Safety an	d Health						0	l	
								~		

1. COMPONENT		FY 2004 MILITAR	CONSTRU	CTIO	N PROJECT	DATA	2. DATE
AIR FORCE			uter gen	erate	(De		
3. INSTALLATIO	N AND L	OCATION		4. PI	ROJECT TI	rle	
KIRTLAND AIR F	ORCE BA	SE, NEW MEXICO		ARSE	NIC TREATS	CENT SYSTEMS	
5. PROGRAM ELE	ALC: T	6. CATEGORY CODE	7. <b>PROJ</b>	nect :	NUMBER 8	. PROJECT C	OST (\$000)
						Auth:	7,097
78056		841-165	MH	<b>NV01</b> 3	3010	Approp	6,957
		9. <b>CO</b> A	9t kstin	ATES	1	1	
		T (118)/		TT / M	OTTANT	UNIT	COST
					QUARTICI	1 1	
ARSENIC TREATM	ENT SYS			LS			6,400
SUPPORTING FAC	ilities						0
SUBTOTAL						-	<u> </u>
							6,400
CONTINGENCY	( 5.0 3	<b>K</b> )					320
TOTAL CONTRACT	COST						6,720
SUPERVISION, I	NSPECTIC	ON AND OVERHEAD (	(5.7 %)				383
TOTAL REQUEST	_						7,103
TOTAL REQUEST	(ROUNDE	))					7,097
arsenic lmls in newly establish include all req 11. REQUIREMENT PROJECT: Insta	n of Pr n KAFB ( ned maxi puired in ": LS nll arse	ADEQUATE: 0 LS	vel (MCL ovel (MCL ades, pum SUBST	all a wells ) for ps, p ANDAF	s #15 and r arsenic. iping, and D: 0LS at Mission	<pre>#16 to comply . Treatment s nd system com ) .</pre>	with EPA's ystems will trols.
issued a final ug/L (66 FR 697 Arsenic and Cla Rule). This fi suppliers are t its decision to 10 ug/L. on 27 potable water as water with ars need to be inst	ruling <b>76;</b> 40 <b>C</b> urificat <b>nal</b> rul to be in <b>move</b> f <b>Nov</b> 01 supply i enic <b>co</b> called t	reducing the MCL for FR Parts 9, 141, 1 ions to Compliance ing, effective 23 for full compliance we orward in implement , the President so a community water meentrations ranging o reduce current a	or arseni 42; National and New Mar 01, even the the igned the er system ng from 1 rsenic 10	c in onal Sour estab revis arses new (CWS .3 to	drinking Primary D cce Contam lished 23 ed MCL. mic stand MCL into ), and we 24 ug/L, to the n	water from 50 rinking Water Jan 06, as t On 31 Oct 01 ard for drink law. Because 11 X15 and X1 treatment <b>Sys</b> ew MCL.	<pre>ug/L to 10 Regulations, oring; Final de date water EPA announced ing water at KAFB's 6 produce tems will</pre>
CURRENT STUDAT	ON: KAF	<b>B's</b> entire water s	upply and	d dis	stribution	system is <b>l</b> e	cated on the
base reservation Two of the syst arsenic standar ranging from 13 new EPA MCL for	on and s on and s on s pr rd. The 3 to 24 drinking	upports 20,640 base oduction wells (We se wells currently ug/L; therefore, t water.	e employe lls <b>#15 a</b> produce he <b>arsen</b>	a dis and # wate ic le	nd 4,000 f 16) will h er with ar vels must	family housin be affected by senic concent be reduced t	y residents. y the new rations p meet the
IMPACT IF NOT I	PROVIDEL	Inability to re	duce arse	enic	levels in	KAFB'S potab	le water
vells would res Act and DoD and (stablished dr: neets the water traniclevels ( jenalty of \$25,	sult in <b>1 USAF</b> d inking to c qualit to the s ,000 and	violations and non lirectives and ins water regulations y standards set fo new standard could court imposed fin	-complian tructions and to p rth in 40 l result les of \$2	the the formation of th	ith the Fe t require de its us 141. Fa: h <b>EPA</b> and/o per day p	ederal Safe D DoD CWSs to ers drinking w ilure to lowe or State admin per violation	inking Water complywith vater that r current <b>histrative</b>
2DDITIONAL: Th 32-1084, "Facil	nere is lity Req	no criteria/scope uirements." The s	for thi cope of t	s pr he p	oject spe roject is	cified <b>in Ai</b> based on the	<b>r</b> Force Handbook actual <b>A/E</b>

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DD FORM 1391, DEC 76 Previous editions are obsolete.

1. COMPONENT	<b>FY</b> 2004 MILITARY <b>CONSTRUCTION PROJECT</b> DATA 2. DATE									
AIR FORCE	AIR FORCE (Computer generated)									
3. INSTALLATIO	3. INSTALLATION AND LOCATION 4. PROJECT TITLE									
KIRTLAND AIR P	ORCEBA	SE, NEW MEXICO	ARSENIC TREAT	MENT SYSTEMS						
5. PROGRAM ELL	DIRNT	6. CATEGORY CODE	7. PROJECT NUMBER	B. PROJECT CO	ST (\$000)					
78056		841-165	MHMV013010	7,0	97					
<pre>itudy. All km. io option coul ieeded or perf Engineer : Mr. iost): \$256,00</pre>	<pre>itudy. All known alternatives were considered during the development of this project. ko option could meet the mission requirements; therefore, no economic analysis was meeded or performed. A certificate of exception has been prepared. Base Civil Engineer : Mr. Brent Wilson (505) 846-7916. Design Build - Design Cost (4% of Subtotal Cost): \$256,000.</pre>									
<b>IOINT USE CERT</b> <b>loes</b> not quali: installation a	IFICATI( fy for : re benef	<u>DN:</u> This is an insta joint use at this 1 fited by this projection fited by this projection	allation utility/infr ocation. <b>However,</b> al ct.	astructure pro 1 tenants <b>on</b> tl	ject, and nis					

**8**.7

_					
1. COMPONENT		FY 2004 MILITARY C	ONSTRUCTION PROJECT	DATA	2. DATE
			••• generated,		
S. INSTALLATIO	FORCE BA	SE, NEW MEXICO	4. PROJECT TIT	elle Cent systems	
5. PROGRAM RI	EMENT	6. CATEGORY CODS	7. PROJECT NUMBER	8. PROJECT CO	ST (\$000.
78056		841-165	MHMV013010	7,	097
				,	
12. SUPPLEMEN	TAL DATA	: Data:			
(1) Projec	t to be	accomplished by des	sign-build procedures	l	
(2) Basis:			F		
(a)	Standard	or Definitive Design	<b></b>		No
(B) Wh	ere Desig	yn was Most Recently	Used -		102
(4) Consta	net lon	Contract Award			192 03 THEC
(5) Constr		start			04 .TAN
(6) Constr	uction (	Completion			05 APR
(7) Energy	studv/I	- .ife-Cycle analysis y	was/will be performe	bd	No

		FY 200	04 MIL	ITARY	CONST	RUCTIC	on proo	GRAM	2. DATE		
				COMM							
							1	D. AREF			
	1E21 21	IE				AIERIE					
NEW MEXICO				COMIN		TO		0.98			
6. Personnel	PE	RMANENI	<u> </u>	5	TUDEN		SU	PPORTE	D		
Strength	OFF	ENL	CIV	055	ENL	CIV	0++	ENL	CIV	TOTAL	
AS OF 30 SEP 02	14	22	36						30	102	
END FY 2007	14	22	36						30	102	
7. INVENTORY DAT	Ā (\$000)										
Total Acreage:		5									
Inventory Total as of	: (30 Sep	02)								48,009	
Authorization Not Yet	in Invent	ory:								0	
Authorization Reques	sted in this	s Program:								3,600	
Authorization Include	d in the F	ollowing P	rogram	:	(FY 20	05)				0	
Planned in Next Four	Years Pr	ogram:	•							0	
Remaining Deficiency	/:	0								0	
Grand Total:										51,009	
8. PROJECTS REQU	JESTED	IN THIS P	ROGR	AM:			(FY 200	4)			
CATEGORY							(	COST	DESIGN	STATUS	
CODE	PROJEC					SCOPE		\$ 000 S	TART	CMPI	
390-3 11	Upgrade	Radar Tes	t Facili	tv		2.930	SM	3.600	Design F	<u>o in                                    </u>	
	opgrado		it i dom	, y		_,	•	<u></u>	Doolgii I	Jana	
						Total		3,600			
9a. Future Projects:	Included	in the Foll	owing	Prograr	n: (FY2)	005)					
Oh Eutura Draiaata:		lopped No	vt Eou	Vooro							
	None		XI FUUI	rears.							
9c. Real Properv Mai	intenance	Backlog T	his Ins	stallation	า					2	
10 Mission or Major	Function	e. This is a	radar	tost sito	assian	ad to the	A6th To	st Group	at Holloma	- an ΔEB	
The National Radar (	Tross Sec	tion Test F	acility	(NRTF)	is a one	-of-a-ki	nd facility	/ combini	na the hes	t of	
monostatic and histat	tic radar c	roce-coctic	aomiy		nte				ing the bes		
11 Outstanding poll	ition and	Sofoty (OS		ficionai							
Air reliation											
a. Air poliution								0			
b. Water Pollution	n							0			
c. Occupational S	Safety and	d Health						0			
d. Other Environ	mental							0			

DD Form **1390**, **24** Jul 00

1. COMPONENT		<b>FY</b> 2004 MILI	TARY	CONSTRU	CTION	I PROJECT	DATA	2. DATE
AIR FORCE		(	comp	uter ger	nerate	ed)		
3. INSTALLATIC	N AND I	OCATION			4. P	ROJECT TI	<b>FLE</b>	
TULAROSA RADAR	TEST S	ITE, NEW MEXICO	C		UPGRA	ADE RADAR	TEST FACILI	TY
5. PROGRAM ELE	MENT	6. CATEGORY C	ODE	7. PROC	JECT	COST (\$000)		
72806 390-311						007	3	,600
		9.	COS	T ESTIM	ATES	1	1	
		ITEM			<u>и/м</u>	QUANTITY	UNIT	COST
UPGRADE RADAR	TEST FA	CILITY			SM	2,930	0	2,204
ADMINISTRATION	I/SHOP	FACILITIES			SM	678	1,426	(967)
PAINT FACILIT	Y				SM	929	554	(515)
TARGET STORAG	E FACIL	ITIES			SM	1,300	532	(692)
ENTRANCE FACI	LITY				SM	23	1,340	(31)
SUPPORTING FAC	ILITIES							1,041
UTILITIES					LS			(275)
SITE IMPROVEM	ENT				LS			(115)
PAVEMENT					LS I			(305)
DEMOLITION					SM I	724	208	(151)
OVERHEAD CRAN	es				LS			( 162)
COMMUNICATIONS	SUPPOI	RT			LS			(33)
SUBTOTAL								3,245
CONTINGENCY	( 5.0	<b>k</b> )						162
TOTAL CONTRACT	COST							3,407
SUPERVISION, I	NSPECTI	ON AND OVERHEAD	(	5.7 %)				194
TOTAL REQUEST								3,601
TOTAL REQUEST	(ROUNDEI	))						3,600
to. Description buildings, with and target pain concrete slab-or rork, new road, cacilities tota	on of Pro concre ting. T n-grade and bu ling 72	pposed <b>Construc</b> te slab on grad he remaining fa and standing s rying the <b>exist</b> 4 SM.	ction lee. acili seam cing	and over ties are roofing. overhead	truct rhead maeo In l powo	three pr bridge c onry block cludes al er lines.	e-engineered ranes for ta constructi l utilities Demolish t	metal arget etorage on with and site three
1. REQUIREMENT	: 5,80	9 SM ADEQUA	ATE:	929 SM	SU	BSTANDARD	: 701 SM	
PROJECT: Upgra	de Rada	r Test Facility	<b>.</b> .	(Current	Miss	ion)		
EQUIREMENT: A	n upgra	de to the NRTF,	the	nation	' <b>s</b> pr	emier <b>tes</b>	t facility f	or RCS
measurements, i	s requi	red to accommod	late	the add	ition	ai workloa	ad generated	by the
measurements, is required to accommodate the additional workload generated by the partnering of the Air Force with the Boeing Company and the consolidation of the Army md Navy RCS testing at the NRTF. In addition, a new pilot program to encourage cooperative relationships with non-DoD users and industry requires additional capabilities at the NRTF. Two new target preparation/storage buildings and a paint Facility are required to support the additional classified targets being shipped by industry and other services as they close their ranges and move their workload to the IRTF. Project includes permanent administration and shop space, a new guardhouse, and improved access to the test site with a new road and burying existing overhead power .ines.								
JURRENT SITUATI	ON: Th	e current workl	load	generate	ed by	the Army	Navy and B	oeing closing

:heir RCS test facilities cannot be accommodated with the existing infrastructure at the

DD FORM 1391, DEC 76 Previous editions are obsolete.

1. COMPONENT	FY	2004 MILI	TARY	CONSTRU	CTION	PROJECT	DATA	2. DATE	
AIR FORCE		(computer generated)							
3. INSTALLATIO	INSTALLATION AND LOCATION 4. PROJECT TITLE								
TULAROSA RADAR	TULAROSA RADAR TEST SITE, NEW MEXICO UPGRADE RADAR TEST FACILITY								
5. PROGRAM ELE	MENT 6.	CATEGORY	CODE	7. PROJ	ECT NU	MBER	8. PROJECT COS	ST (\$000)	
72006	390-311 <b>TUAL043007</b> 3,600								

NRTF. There is a significant lack of storage and test preparation facilities for classified targets. Classified Special Access Program targets cannot be co-located and cherefore each full-scale target requires independent storage. The existing administrative and ehop functions are located in obsolete temporary facilities that have degraded over time and do not meet the needs of the customers. The existing entrance gate house is inadequate to house the personnel and modern security equipment needed to monitor and control the existing and proposed classified test assets 24 hours a day 7 lays a week. Overhead power lines are impinging on the transportation of targets to and Erom the storage facilities to the test range. The only existing road from the storage puildings is routed such that the high-value, classified targets have to be transported 2 miles up the range and then back down an additional 2 miles during adverse conditions uith increased security risks.

IMPACT IF NOT PROVIDED: Future DoD high priority programs would have to be turned away due to insufficient space to house, protect, and maintain their targets. DoD's ability to develop the next generation of low observable targets would be significantly degraded. Pilot programs to support the cooperative relationships with non-DoD users and industry will be delayed or eliminated.

<u>ADDITIONAL:</u> This projects meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." All known alternative **options** were **considered** during the development of **this** project. No other option could meet the mission requirements; therefore, no economic **analysis** was needed or performed. A certificate of exception **has** been prepared. Base Civil Engineer: Lt **Col** Edward Piekarczyk, (505) 572 3071. Upgrade National RCS Test Facility: 2,930SM = 31,527SF. Design Build - Design Build **Cost** (4% of Subtotal Cost): \$130,000.

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

				·			
1. COMPONENT		FY 2004 MILITARY C	ONSTRU	JCTION PROJECT	DATA	2.	DATE
AIR FORCE		(compute	er ge	nerated)			
3. INSTALLATIO	N AND LO	OCATION		4. PROJECT TIT	LE		
TULAROSA RADAR	TEST S	ITE, NEW MEXICO		UPGRADE RADAR	TEST FACILI	ΓY	
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PR	OJECT. NUMBER	8. PROJECT	COST	(\$000)
72806		390-311	נ	UAL043007		3,600	
12. SUPPLEMENT	AL DATA:	:					
a. Estimated	Design	Data:					
(1) Project	to be	accomplished by des	ign-bu	ild procedures			
(2) Basis:							
(a) Sta (b) Whe	ndard o	or Definitive Design	- IIsed	_			NO
(3) All Otl	her Desi	ign Costs	obed	-			98
(4) Constru	uction (	Contract Award				03	DEC
(5) Constru	uction &	Start				04	JAW
(6) Constru	uction (	Completion				04	DEC
(7) Energy	s study/	- Life-Cucle analucic	wag /wi	11 be performe	a	-	VEC

1. COMPONENT		FY 20	04 MII	_ITARY	CONSTR	UCTION	<b>PROG</b>	RAM	2. DATE	
AIR FORCE										
3. INSTALLATION A	ND LOC	ATION		4. COI	MMAND:			5. AREA	CONST	
POPE AIR FORCE E	BASE			AIR MO	OBILITY C	OMMAN	1D	COST IN	NDEX	
<b>NORTH</b> CAROLINA								0.88		
3. Personnel	PE	RMANEN	Γ	S	TUDENTS		SL	JPPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 02	471	2932	483	10	60	5	224	1307	23	5.515
END FY 2007						-				0
7. INVENTORY DAT	A (\$000)									_
Fotal Acreage:	1875									
nventory Total as of	f: (30 Sep	02)								254.967
Authorization Not Ye	t in Invent	orv:								27 2010
Authorization Reques	sted in thi	s Program	:							24 015
Authorization Include	ed in the F	Followina F	Program	า:	(FY 2005)					9 643
Planned in Next Fou	r Years P	rogram:	- 3		( 2000)					48 800
Remaining Deficienc	V:	<b>J</b>								51 200
Grand Total:	<i>.</i>								-	415 825
										110,020
3. PROJECTS REQU	JESTED	IN THIS P	ROGR	AM:		(FY 200	4)			-
CATEGORY						( 200	••)	COST	DESIGN	STATUS
CODE	PROJEC <sup>-</sup>	TITLE				SCOPE		\$.000 S	TART	CMPL
13-321	C-I 30J-3	0 Ramp L	Joarade	;		1LS		1.239	Apr-02	Sep-03
71-625	C-I 30J-3	0 Technic	Technical Training Facility				М	4,431	May-02	Sep-03
11-111	C-I 30J-3	0 Upgrade	Upgrade Hangar 6					2 716	May-02	Aug-03
2 <b>1</b>  -  11	C-I 30J-3	0 2-Bav ⊢	2-Bay Hangar				М	15.629	May-02	Sep-03
			0			-,	TOTAL	24,015		
a. Future Projects:	Included	in the Foll	owing	Program	n: <b>(F</b>	Y2005)				_
·21-312	Dormitory	/	Ū	0	•	144 RM		9,643		
	-						TOTAL	9,643	,	
Jb. Future Projects:	: Typical F	Planned Ne	ext Fou	r Years:						
149-692	Fire Stati	on/Control	Tower			3,599 SI	М	14,000		
218-712	Construc	t AGE Fac	ility			2,800 SI	М	7,200		
721-312	Dormitory	/	,			120 RM		8,000		
721312	Dormitory	/				96 RM		6,800		
735-441	Education	n-PME Ce	nter/Lik	orary		5324 SN	Λ	12,800		
Jc. Real Proper-y Ma	aintenance	e Backlog	This In	stallatio	n					266,000
IO. Mission or Major	Function	s: Pope A	FB is a	n Air Mo	obility Corr	nmand a	sset. Th	e base sı	upports the	e 43d
Airlift Wing (C-  30), 1	the 23d F	ahter Grou	I-A) au	0). an A	erial Port	Squadro	n. and a	a Medical	Evacuatio	n
squadron. The base	's primarv	mission is		ort of Ar	mv Airborr	ne Divisio	on at ad	iacent Fo	rt Bradd.	
II. Outstanding pollu	ition and	Safety (O	SHA D	eficienci	ies):				00	
a. Air pollution								0		
b. Water Pollutio	n							0		
								, i		
c. Occupational	Safetv an	d Health						0		
er eesupational	calley an							Ŭ		
d. Other Environmental 0										
								, i		

DD Form 1390, 24 Jul 00

1. COMPONENT	FY 2004 MILITARY	CONSTR	UCTIC	ON PROJECT	DATA	2. DATE	
AIR FORCE	(comp	uter gen	erate	ed)			
3. INSTALLATION AND L	OCATION		4. P	ROJECT TI	TLE		
POPE NR FORCE BASE, 1	SORTH CAROLINA		C-13	0J-30 RAM	<b>P</b> UPGRADE		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROC	PROJECT NUMBER 8. PROJECT COST (\$000)				
41132	113-321	THO	жноз6005а Арргор: 1,2			1,204	
	9. COS	T <b>BSTI</b>	ATES				
	TTRA		u/w_	QUANTITY	UNIT	COST	
C-1305-30 RAMP UPGRAD	E		Ls			1,059	
SUPPORTING FACILITIES						80	
SITE <b>IMPROVEMENTS</b>			Ls			(80)	
SUBTOTAL						1,139	
CONTINGENCY (5.0	%)					57	
FOTAL CONTRACT COST						1,196	
SUPERVISION, INSPECTIO	ON AND OVERHEAD (	5.7 %)				68	
POTAL REQUEST						1,264	
FOTAL REQUEST (ROUNDE	D)					1,264	
10. Descriptions of Pr :-130J30 aircraft, fills t :estripes taxiways and 11. REQUIREMENT: LS <u>'ROJECT:</u> Upgrade C-13 <u>'EQUIREMENT:</u> Install :amp, and restripe tax <u>'URRENT SITUATION:</u> TH learrangement of these 130J-30, which is 15 f ire currently located :MPACT IF NOT PROVIDED aircraft will not be a shut down and not be u <u>UDDITIONAL:</u> This provided L084, "Facility Requine :561. JOINT USE CERTIFICATION installation are benefit	roposed Construction wo grass wale on the ADEQUATE: Ls <b>30J-30 Ramp.</b> (New <b>1</b> , new aircraft <b>tie</b> dow <b>chways</b> and parking so the current ramp space as spots is needed to deter longer. <b>Two</b> of d where the <b>C-130Ja</b> <u>the</u> . The clear sons re able to be maintainen used. This will not opject meets the crist rements. Ease Cive <u>W:</u> This is an <b>insta</b> of the spots is project	: Proj the sound is proj SUBST (ission) whs, fi pots. the gra will the gra the gra will the gra the gra will the gra the gra will the gra the	ect i th er ect i ANDAR 11 tw t up e suf ss ov caxi ents s wil due t scope neer: util Howe	nstalls and of the ad of the s a design D: LS to accommuni- ficient p rals at t after th between p l cause p o the lim e specifi Lt Col c ity/infra ever, all t	wale on sout wale on sout modate the C- parking space he south end e spots are parked aircra parts of the hited space a ed in Air F Tames E. Welt estructure pr cenants on	h end of Blue a for the C- of the ramp rearranged. aft and <b>taxiin</b> apron to be t Pope AFB. orce Handbook 32- cer, (910) 394. roject, and this	

1. COMPONENT		FY 2004 MILITARY C	ONSTRUC	TION PROJECT	DATA	2. DATE
I NK FORCE		(compac	ar gener			
3. INSTALLATIO	DN AND L	OCATION		4. PROJECT :	TITLE	
POPE NR FORC	E BASE, 1	NORTH CAROLINA	1	C-130J-30 RA	MP UPGRADE	
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJ	VECT NUMBER	8. PROJECT CO	ST (\$000)
41132		113-321	THE	H036005A	1,	264
12. SUPP-AL	DATA	:				
a. Estimate	d Design	1 Data:				
(1) Statu	s:					
<b>(a)</b> Da	te Desig	gn Started			10	-APR-02
(b) Pa	rametric	Cost Estimates <b>used</b>	l to dev	elop costs		YES
• (c) Per	cent Co	<b>mplete</b> as of 01 JAN	2003			15%
• (d) Dat	e 35% D	esigned			15	-SEP-02
(e) Da	te Desig	n Complete			15	-SEP-03
(I) En	ergy Stu	dy/Life-Cycle analys	is was/	will be peri	ormed	No
(2) Basis	:					
( <b>a</b> ) St	andard c	or Definitive Design	-			NO
(b) Wh	ere Desi	ign Was Most Recently	Used -			
(3) Total	Cost (	(a) = (a) + (b) or (d)	) + (a) ·			(\$000)
(a) Pr	oduction	n of Plans and Specif	ication	s		78
(b) Al	1 Other	Design Costs		-		39
(с) то	tal	-				117
( <b>d</b> ) Co	ontract					100
(e) In	n-house					17
(4) Const	ruction	Contract Award				03 DEC
(5) Const	ruction	Start				04 JAN
(6) Const	ruction	Completion				04 <b>OCT</b>
• Indicate which i cost an	s <b>comple</b> s compar nd execut	ation of Project Def: rable to traditional tability.	inition 35% des	with Paramet ign to ensure	ric Cost Esti a valid scope,	mate
b. Equipmer N/A	nt associ	iated with this proje	ect prov	vided from oth	ner appropriat:	ions:

1. COMPONENT		FY 2004 MILITARY	CONSTRU	ICTION	I PROJECT	DATA	2. DATE	
AIR FORCE		(compu	iter ger	enerated)				
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	TLE		
POPE AIR FORCE	BASE,	NORTH CAROLINA		C-13(	J-30 TECH	TRAINING F	ACILITY	
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PROJ	ECT I	NUMBER	8. PROJECT Auth:	COST (5000) 4,520	
41132		171-625	TM	KH043	001	Approp:	4,431	
		9. COST	r esti)	ATES	r			
		ITEM		U/M_	QUANTITY	UNIT	COST	
C-130J-30 TECH	NICAL TR	AINING FACILITY		LS			3,249	
C-130J FIELD	TRAININ	G FACILITY		SM	3,679	879	( 3,234)	
AT/FP PHYSICA	L SECUR	ITY MEASURES		SM	3,679	4	(15)	
SUPPORTING FAC	ILITIES			тт			025	
UTILITIES				LS			<b>(</b> 95)	
PAVEMENTS				LS			( 101)	
SITE IMPROVEM	ENTS			LS			( 118)	
COMMUNICATION	SUPPOI	RT		LS			( 100)	
RELOCATE LOAD	ING DOC	<b>KS</b> TO B720		LS			( 411)	
SUBTOTAL							4 , 0 7 4	
CONTINGENCY	<b>(</b> ' 5 . 0	¥)					204	
TOTAL CONTRACT	COST						4,277	
SUPERVISION, I	NSPECTI	on and overhead (	5.7 <b>%)</b>				244	
TOTAL REQUEST		-					4 , 5 2 1	
FOTAL REQUEST	(ROUNDE	)) )]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]	\				4,520	
EQUIPMENT FROM	UTHER	APPROPRIATIONS (NON-	·ADD )				( 691.0)	
loading dock a project. Inclu	n of Pr d admini t build: 1 <b>des AT/</b> <b>supress</b> :	oposed Construction etratvie office spac- ing 720 and all nece /FP physical security ion IAW Mil Handbook	ce in t cssary r y IAW D k 1008C	he ba equir oD mi	training se eupply ed work a .nimum cor	aevice high warehouse, eeociated wi astruction et	bays, building 560, th thie andarde, and	
L1. REQUIREMENT	: 3,67	9 SM ADEQUATE:	: 0 SM	st	JBSTANDARD	: 0 SM		
PROJECT: Const	truct a	C-130J-30 Field Tra	ining f	acili	ty. (New	v Mission)		
<b>EQUIREMENT:</b> D Detachment (MTI locks at the A This will be a	Relocate )) to Bu ircraft 1 de&n/h	e entire Field Train ilding 560 from Buil Parts Store <b>(B720)</b> t puild project.	ling Det Idings ( to repla	achme 517, 3 ace tl	ent (FTD) a 177, and he lost de	and <b>Mainten</b> a 164. <b>Const</b> ock <b>space -</b>	nce Training ruct loading Building 560.	
JURRENT SITDATI	<u>ON:</u> Cu unway. 1	rrent apace is inad The classrooms are l	equate ocated	with on th	unite dec e North s	entralized of the n	n oppoeitee runway, while	
:he training ro	ooms are	located on the Sout	th side	of t	he runway	. This lead	ls to low	
Levels of efficient readiness. In	additio	n technical training on, the existing hig	g, which h bayro	h can oom fo	lead to or C-130	delays of <b>m</b> i training <b>dev</b>	<b>ssion</b> ices ie not	
INTERPOLATION INTERPOLATION	<b>MPACT IF NOT PROVIDED:</b> Separated training facilities will increase the likelihood of inefficient technical training for C-130 maintenance crews. When the C-130J-30 arrives.							
there will be	inadequa	ite space to house t:	raining	devi	ces. Tec	hnical maint	enance	
raining will n rained C-130J	not occu -30 mair	r. Mission <b>readine</b> ntenance technicians	ss is d	irect	ly impact	ed without o	experienced and	
ADDITIONAL: T	nis proj	ject meets the crite	ria/sco	pe sp	ecified i	n Air Force	Handbook 32-	
DD FORE 1391, D	EC 76	Previous edi	itions a	are ol	bsolete.		Page No.	

1. COMPONENT		FY 2004 MILITARY	CONSTR	UCTION PROJECT	DATA	2. DATE
AIR FORCE			icer ge			
DODE NID EODOE	N AND L	NODEE GADOLINA		4. PRODECT 11	U TRAINING BAC	<b>T</b> T T 1992
FORCE	BASE,	NORTE CAROLINA	7 550	C-ISUJ-SU TEC	A TRAINING FAC	
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)
41132		171-625	T	CKH043001	4,5	20
1084, "Facilit compare the alt operation. Bas	y <b>Requi</b> nt ternative sed on t	rements". A prelimit ves of new construct the net present <b>val</b> u	nary ec ion, re	onomic analysi evitalization, benefits of t	s <b>has been</b> pre leasing and <b>st</b> he respective a	epared to <b>atus</b> quo
revitalization	wae fo	und to be the most	cost ef	ficient over	the life of the	project. A
certificate of	excepti	ion <b>is</b> being prepare	d. C-1	L30J Technical	Training Facil	lity
conversion data	a 3,679	SM = 39.586 SF. Ba	se Civi	ll Engineer:	Lt Col James E.	Welter,
(JIO) 394-2301.	TETCATT	ON: Mission require	nonta (	operational co	neideratione	and location
are incompatibl	le with	use by other compon	ents.	operacional co	nerueracione, a	ind ideation

1. COMPONENT AIR FORCE	NENT     FY 2004 MILITARY CONSTRUCTION PROJECT DATA     2. DATE       E     (computer generated)									
2 TNOWATTAWTO		OCATION	-	-	4 550 750					
5. INSTALLATIC					4. PROJECT 1	TITLE				
POPE AIR FORCE	E BASE,	NORTH CAROLINA			C-130J-30 TE	CH TRAINING F	ACILITY			
5. PROGRAM ELI	SMENT	6. CATEGORY	CODE	7. PROJ	ECT NUMBER	8. PROJECT CO	<b>ST</b> (\$000)			
41132		171-625		TM	CH043001	4,	520			
12. SUPPLEMENT	TAL DATA:	<b>:</b>								
a. Estimated	l Deeign	Data:								
(1) Status										
(a) Dat (b) Dat	e Desig	n Started			-1	02	-MAY-02			
(D) Par	ametric	Cost Estimate	S USEC	L TO dev	elop costs		YES			
• (C) Per		agioned	JI JAN	2003		01	15% - 100-02			
(e) Dat	te Desig	n Complete				01	-SBP-03			
( <b>f</b> ) Ene	ergy Stu	dy/Life-Cycle	analys	is was/	will be perf	ormed	YES			
			-		-					
(2) Basis	:									
(a) Sta (b) Wh	andard o oro <b>Dogi</b> g	r Definitive I	Design	- Trand			NO			
	ele Debig	L Was Most Rec	Jencry	Useu -						
(3) Total	Cost (c	) = (a) + (b)	or (d)	) + (e):			(\$000)			
(a) Pro	oduction	of Plans and	Specif	Eication	s		280			
(b) All	l Other	<b>Design</b> Coats					140			
(c) 101 (d) Cor	cal etreat						420			
( <b>a</b> ) In-	-house						40			
(4) Constr	ruction	Contract Award	L				03 DEC			
(5) Coneti	ruction	Start					04 WAR			
(6) Coneti	ruction	Completion					05 MAR			
• Indicate which is cost and	es <b>compl s compar</b> l executa	etion of Projec able to tradit ability.	t Defi ional	inition 35% des:	with Paramet ign to ensure	ric Cost <b>Esti</b> e valid scope,	mate			
b. Equipment	t <b>associ</b>	ated with this	proje	ct prov	ided from oth	ner appropriat:	ions:			
EQUIPMENT	NOMENCI	ATURE	P APF	ROCURING	FISCA G APPRO ION OR RE	AL YEAR PRIATED QUESTED	COST (\$000)			
ACTIVE CC	MMUNICA	rions		3400	2	2005	53			
END USER	DEVICES			3400	2	2005	343			
FURNITURE				3400	2	2005	295			

1. COMPONENT		FY 2004 NILITA		CTION	PROJECT	DATA	2. DATE
AIR FORCE		(c	omputer gen	erate	d)		
3. INSTALLATIO	on <b>and L</b>	OCATION		4. PR(	OJECT TI	TLE	
POPE AIR FORCE	BASE,	NORTH CAROLINA		C-13(	<b>0J-30</b> UPG	rade <b>hangar</b> (	5
5. PROGRAM EL	EMENT	6. CATEGORY COI	DE 7. PROJ	ECT I	NUMBER	8. PROJECT ( Auth:	<u>2,771</u>
41132		211-111	TH	<b>ICH04</b> 3	003	Approp:	2,716
		9.	COST ESTI	ATES			
		TTRM		U/M	QUANTITY	UNIT	COST
C-130J-30 UPGR	ADE HAN	GAR 6		Ls			2.400
STRUCTURAL				Ls			( 550 )
ELECTRICAL				Ls			( 580 )
MECHANICAL				Ls			(1,260)
FORCE PROTECT	ION			Ls			( 10 )
SUPPORTING FAC	ILITIES						97
COMMUNICATION	IS			Ls			(46)
INTERIOR DEMO	LITION/	LBP/ASBESTOS		Ls			( 51)
SUBTOTAL							2,497
CONTINGENCY	<b>4</b> -5.0	%)					125
TOTAL CONTRACT	COST						2,622
SUPERVISION, II	NSPECTI	on and <b>overhead</b>	( 5.7 <b>%)</b>				149
TOTAL REQUEST							2,771
TOTAL REQUEST	(ROUNDE	))					2,771
EQUIPMENT FROM	OTHER A	PPROPRIATIONS (1	NON-ADD)				( 42.0)
LO. Descriptio	on of P	roposed Construc	tion: Inst	all h	nigh expa	nsion foam <b>sy</b>	stem and
overhead wet p	ipe sys	tem, replace ove	erhead crane	es, re	eplace el	ectrical tran	nsformer,
repair hangar	doors a	nd replace window	ws. Replac	e mez	zanine o	ffices/stairs	and install
letection/supr	essor.	IAW Mil Handbool	k 1008C.	.ement	. Inclu	te IIIe	
11. REQUIREMEN	T: LS	ADEQUATE: 1	ls subs	TANDA	RD: LS		
PROJECT: Upgr	ade Ban	gar 6 to <b>accommo</b>	date C-1303	<b>J-30</b> a	ircraft.	(New Mission	.)
REQUIREMENT: A	dequate	hangar space fo	or 43d Airl	Lift 1	Wing C-13	0J-30 aircra	ft. This
project will a	lso acc	mmodate the MRC	as part of	E that	t hangar	(engine store	ge and some
office space).	This w	ill be <b>a</b> design/	build proje	ect.			
CURRENT SITUAT	ION: T	he existing hang	ar does sot	have	the req	uired fire pr	otection
requirements.	ead cra The el	nes are in poor ectrical transfo	condition a ormer <b>and</b> p	anels	are <b>1950</b>	eet new missi <b>'s</b> vintage ar	lon Id need
replacement.	The mez	zanine offices a	re deterio	rated	to the p	oint of reduc	ing personnel
productivity.							
IMPACT IF NOT	PROVIDEI	: Inadequate o	overed air	craft	maintena	nce space wi	ll <b>impact</b> the
43d Airlift Wi	ng's ab	ility to accompl	ish mission	requ	irements	. Without ad	lequate fire
protection, ex	pensive safety	hasard <b>and</b> is d	rsonnei Wii Nifficult am	⊥ De nd tin	at risk.	ing to repair	ated electrical
ADDITIONAL: T	his pro	ject meets the	riteria/sco	De st	ecified	in Air Force	• Handbook 32-
1084, *Facilit	y Requi	rements." A pre	liminary ec	onomi	c analys	is has been p	prepared
comparing the	alterna	tives of new con	nstruction,	revi	talizatio	n, leasing ar	nd status quo
operation. Ba	sed on	the net present	values and	bene	fits of t	the respective	alternatives,
new constructi	on was	round to be the	most cost e	ettic:	lent over	the life of	the project.
DD FORM1391, D	DEC 76	Previous	s editions	are c	bsolete.		Page No.

1. COMPONENT		FY 2004 MILITARY	CONSTR	JCTION PROJECT	DATA	2. DATE			
AIR FORCE		(comp	uter ge	nerated)		_			
3. INSTALLATIO	N AND L	OCATION		4. PROJECT TI	TLE				
POPE AIR FORCE	BASE,	NORTH CAROLINA		C-130J-30 UPG	RADE <b>HANGAR</b> 6	_			
5. PROGRAM <b>ELE</b>	MENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT COS	ST (\$000)			
41132		211-111	т	QCH043003	2,7	71			
Base Civil Engi	ineer:	Lt Col James E. We	lter, (S	<b>10)</b> 394-2561.					
JOINT USE CERT	IFICATI	ON: Mission require	ments,	operational co	nsiderations, a	and location			
are incompatib	le with	use by other component	nents.						
	<b>د</b> ۴. ۱								

DD FORM 1391, DEC 76 Previous editions are obsolete.

	FY 2004 MILITARY C	ONSTRUCTI	ON PROJECT	DATA	2. DATE
	(Comput	er genera	ted)		
ON AND LOO	CATION	· · · · · · · · · · · · · · · · · · ·	4. PROJECT 7	ITLE	
E BASE, NO	ORTH CAROLINA		C-130J-30 UF	GRADE HANGAI	<b>R</b> 6
RMENT	6. CATEGORY CODE	7. PROJE	CT NUMBER	8. PROJECT	COST (\$000)
	211-111	TMKI	1043003		2,771
TAL DATA:					
d Design 1	Data:				
s:					
te Design	Started				Ol-MAY-02
rametric (	Cost Estimates used	d to deve	lop costs		YES
cent Comp	<b>lete</b> as of 01 JAN	2003			15%
te 35% De	signed				15-AUG-02
te Design	Complete			_	29-AUG-03
ergy Study	/Life-Cycle analys	sis was/w	ill be perf	ormed	YES
:					
andard or	Definitive Design	-			NO
ere <b>Design</b>	Was Most Recently	Used -			
Cost (c)	= (a) + (b) or (d)	) + (e):			(\$000)
odiction of	of Plans and Specif	Eications			171
l Other De	esign Costs				86
tal					257
ntract					227
-house					30
ruction Co	ontract Award				03 DEC
ruction St	art				04 JAN
ruction Co	mpletion				05 JAN
es complet s <b>comparal</b> d executal	tion of Project Def ble to traditional bility.	inition v 35% desig	with Paramet yn to ensure	ric Cost Est valid scope	cimate 2,
es complet s <b>comparal</b> d executa t associat	ion of Project Def <b>ble</b> to traditional bility. ed with this proje	inition v 35% desig	with Paramet yn to ensure ded from oth	ric Cost Est valid scope her appropria	cimate 9, ntions:
es complet s <b>comparal</b> d executa t associat <b>NOMENCLA</b>	tion of Project Def <b>ble</b> to traditional bility. ted with this proje <b>TURE</b> APP	inition v 35% desig ect provid ROCURING PROPRIATIO	with Paramet yn to ensure ded from oth FISC2 APPRO DN OR RE	ric Cost Est valid scope er appropria L YEAR PRIATED QUESTED	cimate , ations: COST (\$000)
es complet s comparal d executal t associat : NOMENCLA	tion of Project Def <b>ble</b> to traditional bility. ted with this proje <b>TURE</b> APP	inition v 35% desig ect provid ROCURING PROPRIATIO 3400	with Paramet yn to ensure ded from oth FISCA APPRO ON OR RE 2	ric Cost Est valid scope er appropria L YEAR PRIATED QUESTED	cimate e, ntions: COST (\$000) 42
	DN AND LOC TE BASE, NO TAL DATA: d Design I s: te Design I s: te Design I s: te Design I ccent Comp te 35% De te Design ergy Study andard or ere Design Cost (c) oduction of l Other De tal ntract -house ruction St ruction Co	(comput (comput ON AND LOCATION <b>TE BASE</b> , NORTH CAROLINA <b>EMENT</b> 6. CATEGORY CODE 211-111 <b>TAL</b> DATA: d Design Data: s: te Design Started rametric Cost Estimates used recent Complete as of 01 JAN te 35% Designed te Design Complete ergy Study/Life-Cycle analys : andard or Definitive Design ere Design Was Most Recently Cost (c) = (a) + (b) or (d odiction of Plans and Specified 1 Other Design Costs tal ntract -house ruction Contract Award ruction Start	(computer general (computer gen	(computer generated)         ON AND LOCATION       4. PROJECT 7         TE BASE, NORTH CAROLINA       C-130J-30 UF         EMENT       6. CATEGORY CODE 211-111       7. PROJECT NUMBER TMKH043003         TAL DATA:       1 Design Data:       5:         te Design Started       rametric Cost Estimates used to develop costs         recent Complete as of 01 JAN 2003       te 35% Designed         te Design Complete       ergy Study/Life-Cycle analysis was/will be perfected         andard or Definitive Design - ere Design Was Most Recently Used -       Cost (c) = (a) + (b) or (d) + (e):         codiction of Plans and Specifications       1 Other Design Costs         tal       ntract         -house       ruction Contract Award         ruction Start       ruction Start	(computer generated)         ON AND LOCATION <b>BASE</b> , NORTH CAROLINA <b>C-130J-30</b> UPGRADE HANGAN <b>SMENT</b> 6. CATEGORY CODE         7. PROJECT NUMBER         8. PROJECT OF         211-111 <b>TMKH043003 TAL</b> DATA:         d Design Data:         s:         te Design Started         rametric Cost Estimates used to develop costs         ccent Complete as of 01 JAN 2003         te 35% Designed         te Design Complete         ergy Study/Life-Cycle analysis was/will be performed         :         andard or Definitive Design -         ere Design Was Most Recently Used -         Cost (c) = (a) + (b) or (d) + (e):         odiction of Plans and Specifications         1 Other Design Costs         tal         ntract         -house         ruction Contract Award         ruction Start

3 INSTALLATION AND	LOCATION	4.1	ROJECT TI	TLE	
POPE ATR FORCE BASE	NORTH CAROLINA	C-13	0.T_30 2-B	AV HANGAR	
5 BROGRAM FLEMENT	4 CATECORY CODE		NUMBER		۲. (¢000)
5. PROGRAM <b>BUBMENT</b>	6. CATEGORI CODE	. PROJECI	NUMBER	Auth:	15.944
41132	211-111	TMKH05	3001	Approp:	15,629
	9. CO	ST ESTIMATE	5		
	ITEM	U/M	QUANTITY	UNIT	COST
C-130J-30-BAY HANGAN	ł	LS			11,281
2-BAY HANGAR		SM	5,388	2,084	(11,229)
FORCE PROTECTION		LS			(52)
SUPPORTING FACILITIE	IS				2 096
		LS			3,000
PAVEMENTS		L.S			( 347
SITS IMPROVEMENTS		LS			( 990
COMMUNICATIONS		LS			(295
DEMOLITION		SM	557	180	( 100
RELOCATE 23 FG/OSS	STORAGE FACILITY	SM	557	1,023	( 570 )
RELOCATE RAMP SECUR	ITY LIGHTING	LS			(200)
REMOVE CONTAMINATE	SOIL	LS			( 100)
UBTOTAL					14.366
CONTINGENCY ( 5.0	8)				719
OTAL CONTRACT COST	0)				15 085
UPERVISION. INSPECT	TON AND OVERHEAD	579)			15,005
OTAL REQUEST		5.7 87			15 945
OTAL REQUEST (ROUND	ED)				15,945
OUTPMENT FROM OTHER	APPROPRIATIONS (NON-	(004			15,944
0. Description of tructural steel france ecessary and requir ecurity IAW DoD min andbook 1008C.	Proposed Construction me and roof system, in ed work associated wi imum construction sta	: Reinforce nsulated met th this proj andards and	ed concrete al walls, ject. Inc fire <b>dete</b> c	e foundation utilities a ludes AT/FP ction/supres	n and slab, and all Pphysical ssion IAW Mil
1. REQUIREMENT: 5,3	ADEQUATE:	5,388 SM	SUBSTANDAR	D: 0 SM	
ROMESTruct a 2-	Bay C-130J-30 hang	Jar. (New ]	Mission)		
<b>EQUIREMENT:</b> Adequa his will be a desig	ate aircraft hangar mai n/build project.	ntenance f	acility :	for the C-:	130J-30 aircraft.
URRENT SITUATION:	Pope AFB is scheduled	to begin re	eplacing t	he existing	C-130 model
ircraft with C-130J	-30 aircraft in FY06.	Pope AFB o	only has t	wo maintena	nce bays that
re adequately sized ndersized and would	for the C-130J-30 ai: I not be cost effective	rcraft. The to enlarge	e existing	C-130 nose	docks are
MPACT IF NOT PROVID	ED: Inadequate hanga	r space will	l result i	n maintenan	ce delays and
educed mission read	iness.				
DDITIONAL: This pr	oject meets the crit	eria/scope	specified	in Air Force	Handbook 32-

DD FORM 1391, DEC 76 Previous editions are obsolete.

Page No.

. 1

1. COMPONENT		FY 2004 MILITARY CONSTRUCTION PROJECT DATA 2. D.						
AIR FORCE		(computer generated)						
3. INSTALLATION AND LOCATION 4. PROJECT TITLE								
POPE AIR FORCE BASE, NORTH CAROLINA C-1303-30 2-BAY HANGAR								
5. PROGRAM BLE	MENT	6. CATEG	ORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)	
41132		211	-111	т	KH053001	44		

iew construction was found to be the most cost efficient over the life of the project. Conversion data: 5,388 SM = 57,975 Sf. Ease Civil Engineer: Lt Col James E. Welter, (910) 394-2561.

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.

Previous editions are obsolete.

ł

1. COMPONENT		FY 2004 MILITA	ARY CO	ONSTRUCTIO	N PROJECT	DATA	2. DATE
AIR FORCE		(00	mpuce	r generate	ed )		
3. INSTALLATIO	ON AND L	OCATION		4. F	ROJECT TI	TLE	
POPE AIR FORC	K BASE,	NORTH CAROLINA		C-13	UJ-30 2-BA	AI HANGAR	
5. PROGRAM EL	EMENT	6. CATEGORY C	ODE	7. PROJEC	I NUMBER	8. PROJECT CO	ST (\$000)
41132		211-111		TMKH0	53001	15,	944
12. SUPPLEMEN	TAL DATA	:					
a. Estimate	d Design	Data:					
(1) Projec	t to be	accomplished by	desi	gn-build ;	procedures	l	
(2) Basis:							
(a) St (b) Wh	andard c ere Desi	or Definitive De gn Was <b>Most</b> Rec	sign entlv	- Used -			No
(3) All O	ther Des	ian Costs	1				492
(4) Consti	ruction	Contract Award					04 JAW
(5) Consti	uction	Start					04 MAR
(6) Constr	uction (	Completion					0 6 <b>FKB</b>
(7) Energy	Study/I	ife-Cycle analy	sis w	as/will b	e performe	bd	YES
(), 2001 97	boudy, 1			ub/ #111 D	6 p01101	~	120
b. Equipmen	t associ	ated with this p	projec	t provide	d from oth	er appropriat:	ions:
					<b>ETCO</b>	T VEND	
	NOMENCI		ROCI	JRING APPR	O APPROI	PRIATED	COST
EQUIPMENT		TONG		2400	OK KE	QUESTED	(\$000)
FND USER	DEVICES	TIONS		3400	2	006	53
FURNITURE	BUICED			3400	2	006	38
	-			0.00	-		

1. COMPONENT			FY 2004 MILITARY CONSTRUCTION PROGRAM							
AIR FORCE										
3. INSTALLATION AN	ID LOCATIO	DN		4. COMM	AND:			5. AREA C	ONST	
SEYMOUR JOHNSON	AIR FORC	E BASE,		AIR COM	BAT COMMA	AND		COST IND	EX	
NORTH CAROLINA								0.82		
6. Personnel	PERM			STU	TENTS		<u>ei IDI</u>			
Strength	OFF	FNI	CIV	OFF		CIV				TOTAL
AS OF 30 SEP 02	461	3874	380	36	76	10			170	TOTAL 5 010
END FY 2007	461	3870	380	36	70	10			170	5,010
7 INVENTORY DATA	(\$000)	00/0			<u> </u>	10		<u> </u>	170	5,012
a Total Acreago:	(\$000)	4 107								
h Inventory Total on a	+ · /20 Son	4,107								
	n. <b>(30</b> Sep	02)								791,711
C. Authorization Not Ye		Diy.								10,600
d. Authorization Reque	ested in this	Program:								11,030
e. Authorization Include	ed in the F	ollowing Pro	gram:		(FY 2005)					0
1. Planned in Next Fou	ir Years Pro	ogram:								74,695
g. Remaining Deficien	icy:									173,700
h. Grand Total:									-	1,061,736
8. PROJECTS REQU	ESTED IN T	HIS PROG	RAM:				(FY 2004)			
CATEGORY							<b>`</b>	COST	DESIGN	STATUS
CÓDE	PROJECT	TITLE				SCOPE		\$.000	START	CMPL
721-312	Domilitories	(144 RM)				144RM		9.530	Mar-02	Sep-03
872-245	Boundry Fe	ence				18 714 I M		1 500		000 00
012210		51100				Total		11 030		
9a Euture Projects: In	cluded in th	e Following	Program:	(	EV2005)	Total		11,000		
Sa. I didie Fiojecis. In			r iografii.	(	1 12005)					
9b Future Projects: Ty	vnical Planr	ned Next Ec	ur Years							
211-177	Maintenanc					6 381 SM		16 005		
610 129	Concolidate	d Support	Contor			6 200 CM		11 500		
610 242	Onerotione		Center			0,300 SM		10,009		
704040	Operations		гасшу			0,040 <b>SM</b>		19.200		
721312	Domitory (	72 RIVI)				72 RM		4,700		
721-312	Dormitory (	72 RM)				72 <b>RM</b>		4,900		
721-312	Dormitory (	72 RM)				72 <b>RM</b>		5,690		
731-142	Fire/Crash	rescue Stat	ions			4,496 <b>SM</b>		11,800		
9c. Real Property Main	ntenance Ba	acklog This	Installation					43		
10. Mission or Major F	-unctions: A	fighter wing	) with 4 F-1	5E squadro	ons, including	1 2 which co	onduct all ir	nitial qualificat	tion training	, and an
Air Force Reserve KC-	135 air refu	eling wing.								
11. Outstanding Pollut	ion and Sat	fety (OSHA)	Deficiencie	es:						
a Air pollution			20.000000					0		
								•		
h Water Pollution								0		
								Ū		
c Occupational Sc	afety and U	aalth						0		
c. Occupational Sa	arety allu H	calli						0		
d Other Environm	ontal							•		
	iciliai							U		

orm 1390, 9 Jul 02

1. COMPONENT		FY 2004 MILITARY	CONSTRU	JCTION	PROJECT	DATA	2. DATE	
AIR FORCE		(comp	uter gen	nerate	d)			
3. INSTALLATIO	N AND LO	CATION		4. <b>PR</b>	OJECT TI	TLE	•	
SEYMOUR JOHNSC	N AIR F	ORCE BABE, NORTB		DORM	ITORIES (I	144 RM)		
CAROLINA			L					
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PROJ	JECT 1	NUMBER	8. PROJECT CO	OST (\$000) 9722	
27596		721-312	VKA	G0530	0081	Approp:	9 530	
		,					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		9. COS	DI <b>BOII</b>	1		IDITE	COST	
		ITEM		U/M QUANTITY			COST	
					-			
DORMITORIES				LS			6,921	
TWO DORMITORI	ES			SM	4 , 7 4 4	1.444	(6,852)	
ANTITERRORISM	FORCE	PROTECTION		LS			(69)	
SUPPORTING FAC	ILITIES						1,821	
UTILITIES				LS			( 420)	
PAVEMENTS				T.e			( 409)	
STTE IMPROVEM	KNTS			LS			( 674)	
CHILLER BUTLD	TNG			SM	4 1	1 276	(52)	
SPECIAL FOUND	ATTONS		Ls		1,270	(175)		
COMMINICATION	S STIPPOI	RT		LS			( 91)	
	. <b>F</b>	-					( )=/	
SUBTOTAL	_						8,143	
CONTINGENCY	<b>(</b> 5.0	¥)					437	
IOTAL CONTRACT	COST						9.180	
SUPERVISION, I	NSPECTIC	ON AND OVERHEAD (	5.7 <b>%)</b>				523	
OTAL REQUEST							9,703	
IOTAL REQUEST	(ROUNDED	))					9,722	
EQUIPMENT FROM	OTHER	APPROPRIATIONS (NON	-ADD)				( 1,062.0 )	
slabs, brick m rooms, laundry system, site p Includes minim Air Conditionir	asonry w area, reparati um <b>DoD</b> f ng: 12	valls <b>and</b> standing s storage, lounge are lon, parking, landso force protection sta 0 <b>KW.</b> Grade Mix: 1	eas, sei caping, andards.	al ro ismic utili 144	of. Incl requirem ties, and	Le Foundations ludes single d ents, fire pro d all necessar	occupancy occupancy otection y support.	
11. REQUIREMENT	: 1,11	.6 RM ADEQUATE	: 724 R	м	SUBSTAND	ARD: 0 RM		
PROJECT: Cons	truct t	wo 72 R- Dormitori	les. (	Currer	nt Mission	1)		
REQUIREMENT: / housing conduct designed and f assential to th jobs these peo essential to or the DoD interin CURRENT SITUATION unaccompanied with the Air For IMPACT IF NOT P	A major ive to t urnished he succe ple mat ur readi m minimu <u>tON:</u> Th enlisted orce Dor ROVIDED	Air Force objective p their proper rest, a d quarters providing essful accomplishment perform. The retainess poeture and co m force protection he base has insuffice d (E1 - E4) personne mitory Master Plan. : Adequate living	provides relaxati g <b>some</b> <b>nt</b> of th ention continuin constru cient on el. Thi quarter	s una on, a degree he inc of the of the g wor ction h-base ds pro	ccompanie nd person e of indi reasingly se highly ld-wide p standard housing oject is p	ed enlisted po- nal well-being vidual privac v complicated v trained airm presence. Com s. to accommodat prioritized in ne to be unava	ersonnel with Properly y are and <b>important</b> ten is <b>plies</b> with te the h accordance hilable	
resulting in d	egradati	ion of morale, produ	uctivity	, and	l career a	satisfaction f	ior	
unaccompained (	enlisted	l personnel.						
D FORM 1391, E	DEC 76	Previous ed	litions	are o	bsolete.		Page No.	

1. COMPONENT	FY 2004 MILITARY	CONSTRUCTION PROJECT	DATA 2. DATE						
AIR FORCE (computer generated)									
3. INSTALLATION AND LOCATION 4. PROJECT TITLE									
SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA DORMITORIES (144 RM)									
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)						
27596	721-312	VKAG053000R1	9,722						
ADDITIONAL: This project meets the scope/criteria specified in OSD's design and construction standards for unaccompanied enlisted personnel housing, published in Jun									

construction standards for unaccompanied enlisted personnel housing, published in Jun CIL All known alternatives were considered during the development of this project. No other option could meet mission requirements. Therefore, an economic analysis was not performed. FY01 Unaccompanied Housing RPM Conducted: \$338K; FY02 Unaccompanied Housing RPM Conducted: \$313X. Future Unaccompanied Housing RPM requirements (estimated): FY03: \$598K; FY04: SO; FY05: \$0. Base Civil Engineer: Lt Col Kevin E. Rumsey, (919) 722-5142. Dormitories: 4,744 SM = 51,045 SF.

**JOINT USE CERTIFICATION:** Mission requirements, operational considerations, and location **are incompatible** with use by other components.

**e** -

L. COMPONENT		FY 2004 MIL	LITARY CO	ONSTRUCT	ION PROJECT	DATA	2. DATE	
LIR FORCE			(compute	er gener	ated)			
3. INSTALLATIO	ON AND LO	CATION			4. PROJECT	TITLE		
SEYMOUR JOHNS	ON AIR F	ORCE BASE, NO	ORTH CAR	OLINA	DORMITORIES	(144 RM)		
5. PROGRAM EL	ement	6. CATEGOR	Y CODE	7. PROJ	ECT NUMBER	8. PROJECT C	OST (\$000)	
27596		721-31	.2	VKAG	053000R1	9,	722	
12. SUPPLEMEN	TAL DATA:	:						
a. Estimate	<b>d</b> Design	Data:						
(1) Status	B: Fo Dogig	m Ctomtod				2		
(a) Da (b) Da	re Desig	Cost Estimat	bosu usod	to deve	alon dosts	21	S-MAR-UZ	
(D) Pa. * (C) Pe:	rcent Co	molete as of	01 .TAN	2003	erop costs		165	
(d) Dat	A 35% D	agioned	UI UAN	2005		0	1 - AUC-02	
( <b>e</b> ) Dat	te Desig	n Complete				0	S-SEP-03	
(f) En	erav Stu	dv/Life-Cvcle	analys	is was/v	vill be perf	ormed	YES	
(2) Bagig					<u>p</u>		115	
( <b>a</b> ) St	andard o	r Definitive	Design	-			NO	
(b) Where Design Was Most Recently Used -								
<ul> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</li> <li>(a) Production of Plans and Specifications</li> </ul>								
(b) Al		262						
(c) 10 (d) Co	cai							
(a) CO	-house							
(4) Consta	nouse	Contract Awar	-d				04 .TAN	
(E) Constr		Chamb	a					
(5) Consti		Start Gemmletien					04 MAI	
(6) CONSCI	uction	compretion					05 DEC	
* Indicate which is cost and b. Equipmen	es comple s compara d executa t associ	<pre>stion of Proj able to tradi ability. ated with th</pre>	ject Def: tional 3 is proje	inition 35% desi ect prov	with Paramet gn to ensure ided from oth	ric Cost Esti valid scope, er appropriat	mate ions:	
equipment	NOMENCL	ATURE	PF APPI	ROCURING	FISCA APPROI ON OR RE	L YEAR PRIATED QUESTED	COST (\$000)	
COMMUNICA	TION EQU	IP/WIRING		3400	2	004	270	
FURNTSHIN	GS			3400	2	004	792	

1. COMPONENT		FY 2004	MILITARY	CONSTRU	UCTION	I PROJECT	DATA		2. DATE
AIR FORCE			(comput	ter ger	nerate	ed)			
3. INSTALLATIO	N AND L	OCATION			4. P	ROJECT TI	<b>TLE</b>		
SEYMOUR JOHNSO CAROLINA	N AIR F	ORCE BASE,	NORTH		BOUNI	DARY FENCI	1		
5. PROGRAM ELE	MENT	6. CATEGOR	RY CODE 7.	. PROJI	ECT N	IUMBER	8. PROJECT COST (\$000)		
20047	20047 <b>906-245</b>					000	1	, 5 0	0
			9. COST	ESTIM	IATES	r	Τ	-	
		ITEM			U/M	QUANTITY	UNIT		COST
BOUNDARY FENCE	(7 FEET	CHAIN LIN	K)		LS				1,171
FENCE					LM	18,741	63		(1,171)
SUPPORTING FAC	ILITIES								200
CLEAR FENCE LI	NE AND	GRUB			HA	4	4,500		(18)
CONSTRUCT GRA	VEL PER	IMETER ROAL	)		LM	1,830	40		(73)
STORM DRAINS,	18 INC	H DIAMETER			LS				(28)
GRASSING AND	SEEDING				HA	4	1,500		(6)
DEMO EXISTING	FENCE				LM	9,315	8		(75)
SUBTOTAL	/**= .	• •							1,371
TOTAL CONTERACT	( 5.0 COST	ጜ)							69
FURBOUTSTON T	NGDECTT			:7 Sr)					1,440
TOTAL REQUEST	MOFECTI			)./ <b>"0</b> /					1 522
TOTAL REQUEST (	ROUNDED	)							1,522
10. Description link fence and North side of a fabric topped w base and along	on of Pr hog win the base with bar the par	oposed Con re fence al e with a n bed wire. t of the No	struction: ong the Sc ew Class A Also cons orth side	Repla outh an A fence wh struct of the	ace t d Eas nich 1 a new base	he existi st sides a has seven fence alc where the	ng six feet and along pa feet high ong the West ere is not a	hig rt cha si ny	gh chain of the ain link ide of the fence.
11. REQUIREMENT	18,7	14 LM	ADEQUATE	: 0 <b>LM</b>	5	SUBSTANDAR	D: 18,714 L	M	
PROJECT: Const	truct a	Class A Bo	undary Fen	ce. (	Curre	nt Missio	n)		
REQUIREMENT: A	un adequ rity fo	ate bounda r base per	ry fence '	to prov	vide	resource	protection (	ofp	riority
<b>CURRENT</b> SITUATION: The existing base boundary fence is currently substandard. There is no boundary fence along the West side of the base and there is no boundary fence along part of the North side of the base. The existing substandard fence consists of six feet Chain link fence and four feet hog wire fence. The fence needs to be replaced with 8 even feet high chain link fence fabric topped with barbed wire. IMPACT F NOT PROVIDED: The base will not be provided the necessary physical boundary protection thus allowing unauthorized entry, increasing the possibility of damage to Air Force property. Sections of the base boundary will continue not to be fenced and priority assets will continue to be at risk. ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32- 1084, Facility Requirements. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared. Base Civil Engineer: LtCol									

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1. COMPONENT	F	FY 2004 MILITARY CONSTRUCTION PROJECT DATA								
AIR FORCE		(computer generated)								
3. INSTALLATION AND LOCATION 4. PROJECT TITLE										
SEYMOUR JOHNSC	SEYMOUR JOHNSON AIR FORCE BASE, NORTH BOUNDARY FENCE									
CAROLINA										
5. PROGRAM ELE	EMENT 6.	CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)				
28047		906-245	VKAG033000 1,500							

**IOINT** USE CERTIFICATION: **Mission** requirements, operational coneideratione, and location are incompatible with use by other components.

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Previous editions are obsolete.

1. COMPONENT AIR FORCE		FY 2004 MILITARY C (comput	ONSTRUC	TION PROJECT	DATA	2. DATE				
3. INSTALLATIO	ON AND LA	OCATION		4. PROJECT 1	TITLE					
SEYMOUR JOHNSC	ON AIR FO	DRCE BASE, NORTH CAR	OLINA	BOUNDARY FER	ICE					
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJ	JECT NUMBER	8. PROJECT CO	<b>ST</b> (\$000)				
28047		906-245	VK	AG033000	1,	500				
12. SUPPLEMEN	TAL DATA	:	1							
a. Estimate	d Design	Data:								
(1) Status	5:									
(a) Da	te Desig	n Started		<b>.</b> .	01	-APR-02				
(b) Parametric Cost Estimates used to develop costs YES										
• (C) Per	Cent Col	mplete as of Ul JAN	2003		05	15% - NTG-02				
(e) Dat	te Desid	m Complete			01	-AUG-02				
(f) En	ergy Stu	dy/Life-Cycle analys	is was/	will be perf	ormed	NO				
				_						
(2) Basis	:									
(a) Sta (b) Whe	andard o ere Desig	r Definitive Design yn Was <b>Most</b> Recently	- Deed -			NO				
(3) Total	Cost (d	c) = (a) + (b) or (d	) + (e):			(\$000)				
(a) Pro	oduction	of Plans and Specif	ication	IS		90				
(b) Al:	l Other	Design Costs				45				
(c) To	tal					135				
(a) Co: (a) Tn	-house					120				
(4) Constr	ruction	Contract Award				15 04 JAW				
(5) Constr	ruction	Start				04 <b>FEB</b>				
(6) Constr	ruction	Completion				04 SEP				
* Indicate which is cost an	es compl s <b>compar</b> d execut	etion of Project Def <b>able</b> to traditional ability.	inition 35% des	with Paramet ign to ensure	tric Coat Esti: valid scope,	mate				
b. Equipmen N/A	<b>t</b> associ	ated with this proje	ct prov	ided <b>from</b> oth	ner appropriat:	ions:				
DD FORM 1391, D	EC 76	Previous edit	ions ar	e obsolete.	P	age No.				
1. COMPONENT		FY 2004 MILITARY CONS				<b>FRUCTION PROGRAM</b>			2. DATE	
---	--------------------------------------	-----------------------	------------	---------------	---------------	-------------------------	----------	----------	-----------	---------------
AIR FORCE										
INSTALLATION AND	ON		COMMAND:				(5. AREA	CONST		
MINOT AIR FORCE BASE.			AIR COMBAT			COMMAND COST I			NDEX	
NORTH DAKOTA								1.1		
3. Personnel	PERMANENT			STUDENTS I SL				PPORTED		
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL		TOTAL
<b>AS</b> OF 30 SEP 02	575	4220	511	14	13	7	0	1	54	<b>5.39</b> 5
END FY 2007	575	4087	508	14	13	7	0	1	54	5.259
7. INVENTORY DATA (\$000)										
Total Acreage: 5.383										
nventory Total as of: (30 Sep 02) 1 202 673										
Authorization Not Yet in Inventory:										18.000
Authorization Requested in this Program:										3.050
Authorization Included in the Following Program: (FY 2005)										5,689
Planned in Next Four Years Program:										
Remaining Deficiency:										
Grand Total:										1.363.712
3 PROJECTS REQUESTED IN THIS PROGRAM							(FY 200	4)		.,
CATEGORY							(	COST	DESIGN	STATUS
CODE						SCOP	=	\$.000 S	TART	CMPL 1
214-426	ADAL Missile Maintenance Vehicle Fac					1 550	= SM	3 050	Apr-02	Aug-03
					0 <b>1 40</b>	Total	Civi	3.050	, ipi 02,	/lug oo
3a Euture Projects: Included in the Following Program: (FY2005)										
						2 629	SM	5 689		
						Z,020 Total	OW	5 689		
b Future Projects: Typical Planned Next Four Years:										
13-321 Aircraft Parking Apron							SM	18 600		
149-962	Air Traffic Control Complex					2 067	SM	12,000		
211-173	B-52 Maintenance Dock					4 936	SM	16,000		
212-216	Add/Alter Missile Operations Complex					4 851	SM	9,000		
214-426	Security Forces Vehicle Building					4 700	SM	6,500		
122-264 CALCUM Beddown. Phase 2						5 412	SM	18 600		
721-312 Dormitory						144	RM	12,000		
Ar Real Property Maintenance Backlog This Installation									6.7	
0, Mission or Major Functions: A bost homb wind with R-52H aircraft, and av Air Force space Command										
ving with Minuteman III missiles										
The war windtoman in missiles.										
1 Outstanding pollu	ition and	Safaty (OS		ficionaia	201					
								0		
a. All pollution								0		
h Water Pollution								0		
D. Water Poliution								0		
c Occupational Safety and Health								0		
								U		
d. Other Environmental								0		
a. Ottor Environmental								U		

DD Form 1390, 24 Jul 00