

### Department of the Air Force

# Military Construction and Family Housing Program

### Fiscal Year (FY) 2003 Budget Submission

Justification Data Submitted to Congress February 2002

#### NARRATIVE SUMMARY

This Military Family Housing request reflects the Air Force's commitment to revitalize inadequate houses and provide service members with homes that meet contemporary standards similar to the size and floor pattern of homes constructed in the local community. The Air Force created the Air Force Family Housing Master Plan (FHMP) as the "roadmap" to guide our investment in military family housing. The Secretary of the Air Force and the Chief of Staff endorsed the following statement in the recently approved plan:

The foundation of the Air Force is our people. Our highest enduring priority is to recruit and retain the finest men and women for our Air Force. Achieving this priority is paramount to the Air Force's military capability, today and tomorrow. Investments in Quality of Life create the living environment our people need and deserve to successfully accomplish their mission. Providing safe and adequate housing, especially for our families, enhances retention and readiness, for while we recruit individuals, we retain families. This family housing master plan is the foundation for our investment in Air Force military family housing. It demonstrates our commitment to our airmen and our families, providing the Quality of Life that lives up to their trust. We will remain worthy of America's best.

This budget request fully funds the AF FHMP to meet Air Force's 2010 goal. The Air Force FHMP provides a balanced, requirements based strategy that integrates and prioritizes traditional construction and operations and maintenance, with a measured approach to privatization into a single "roadmap." The FHMP recognizes that we rely on the local community to provide 60 percent of our military family housing needs. When local community housing is unavailable, inadequate, or demand for base housing is high due to economic factors, we construct, or repair and maintain existing military family housing to modern-day, industry standards. Also, where possible and fiscally appropriate, we attempt to lease adequate housing for our families.

Consistent with AF FHMP priorities, this budget provides a program that emphasizes construction to upgrade homes to whole-house standards, and applies operations and maintenance of our housing inventory for daily operations to "keep the doors open" and only where needed to keep "good houses good." In this way we avoid costly "bandaid" fixes to deteriorating houses. We are accelerating revitalization of inadequate homes in the worst condition by improving or replacing to contemporary "whole-house" standards, where economically justifiable. Accordingly our investment account has increased from \$544M last FY to \$677M in FY03.

The operations, day-to-day maintenance and leasing accounts predominantly support "must pay" requirements. These costs include service contracts, lease contracts, utilities, and essential maintenance for operating the units and "keeping the doors open" on a daily basis to keep "good units good" and contract funding to correct life safety, health, and facility preservation issues that

cannot await MILCON funding. The maintenance account also reflects AF FHMP priorities and attempts to arrest growth of our deferred housing maintenance and repair requirements within fiscal constraints. Unfortunately we have not eliminated our deferred maintenance and repair backlog. At the beginning of FY2003 approximately 46,000 housing units needed revitalization. Under existing agreements, it is expected host nations will revitalize about 3,000 units leaving 43,000 units for the Air Force to address.

The Air Force is also committed to continuing a measured approach to privatization to revitalize where projected life-cycle costs are similar or better than traditional military construction and operations and maintenance life-cycle costs. The AF FHMP proposes five additional housing privatization initiatives in FY 2003. We propose to privatize more than 4,500 housing units at five bases: (Maxwell AFB, AL; Hanscom AFB, MA; Cannon AFB, NM; Shaw AFB, SC; and F.E. Warren AFB, WY). One alternative improvement project is proposed for the Cannon AFB privatized project. The alternative project will only be executed if privatization is unsuccessful. These five improvement projects have a total budget cost of \$7.7 million.

We believe this funding profile represents a well-balanced, fiscally constrained program that is based on a <u>fact-based and senior leadership</u> approved Family Housing Master Plan. By allocating more funds to construction investment, we are more aggressively attacking our inadequate units, and ensuring M&R dollars are working to fund "must pay" bills and essential housing repairs. We respectfully request full support for the Air Force family housing needs presented herein.

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### **SUMMARY**

#### FY 2003 FINANCIAL SUMMARY

#### AUTHORIZATION FOR APPROPRIATION REQUESTED FOR FY 2003:

FUNDING PROGRAM FY 2003		<u>(\$000)</u>
Construction		416,438
Post-Acquisition Construction		226,068
Advance Planning and Design		34,188
Appropriation Request: Construction		676,694
Operations, Utilities and Maintenance Operating Expenses Utilities Maintenance	110,781 132,945 476,485	720,211
Housing Privatization		20,482
Leasing - Worldwide		103,690
Debt Payment Premiums for Servicemen's Mortgage Insurance Coverage		36
Appropriation Request: O&M, Leasing, Housing Privatization and Debt Payment		844,419
Appropriation Request		1,521,113
Reimbursement Program		11,190
FY 2003 FAMILY HOUSING PROGRAM		1,532,303
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## LEGISLATIVE LANGUAGE

#### FY 2003 Authorization Language

#### SEC. 2302. FAMILY HOUSING

(a) CONSTRUCTION AND ACQUISITION. - Using amounts appropriated pursuant to the authorization of appropriations in section 2304(a)(5)(A), the Secretary of the Air Force may construct or acquire family housing units (including land acquisition) at the installations, for the purposes, and in the amounts set forth in the following table:

STATE	INSTALLATION	PURPOSE	AMOUNT
Arizona	Luke AFB	140 Units	\$18,954,000
California	Travis AFB	110 Units	\$24,320,000
Colorado	Peterson AFB	2 Units	\$959,000
Colorado	USAF Academy	71 Units	\$12,424,000
Delaware	Dover AFB	112 Units	\$19,615,000
Florida	Eglin AFB	134 Units	\$ 15,906,000
Florida	Eglin AFB	Housing Office	\$597,000
Florida	MacDill AFB	96 Units	\$18,086,000
Hawaii	Hickam AFB	96 Units	\$29,050,000
Idaho	Mt. Home AFB	95 Units	\$24,392,000
Kansas	McConnell AFB	Hsg. Maint. Facility	\$1,514,000
Maryland	Andrews AFB	53 Units	\$9,838,000
Maryland	Andrews AFB	52 Units	\$8,807,000
Mississippi	Columbus AFB	Housing Office	\$412,000
Mississippi	Keesler AFB	117 Units	\$16,505,000

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STATE	INSTALLATION	PURPOSE	AMOUNT
Missouri	Whiteman AFB	22 Units	\$3,977,000
Montana	Malmstrom AFB	18 Units	\$4,717,000
New Mexico	Holloman AFB	10 l Units	\$20,161,000
North Carolina	Pope AFB	Hsg. Maint. Facility	\$991,000
North Carolina	Seymour Johnson AF	B 126 Units	\$18,615,000
North Dakota	Grand Forks AFB	150 Units	\$30,140,000
North Dakota	Minot AFB	112 Units	\$21,428,000
North Dakota	Minot AFB	102 Units	\$20,315,000
Oklahoma	Vance AFB	59 Units	\$11,423,000
South Dakota	Ellsworth AFB	22 Units	\$4,794,000
South Dakota	Ellsworth AFB	Hsg. Maint. Facility	\$447,000
Texas	Dyess AFB	85 Units	\$14,824,000
Texas	Randolph AFB	112 Units	\$14,311,000
Texas	Randolph AFB	Hsg. Maint. Facility	\$447,000
Virginia	Langley AFB	Housing Office	\$1,193,000
Germany	Ramstein AB	19 Units	\$8,534,000
Korea	Osan AB	113 Units	\$35,705,000
Korea	Osan AB	Furnishings Mgt Warehouse	\$834,000
UK	RAF Lakenheath	Hsg Mgt Facility	\$2,203,000
		Total	\$416,438,000
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(b) PLANNING AND DESIGN. - Using amounts appropriated pursuant to the authorization of appropriations in section 2304(a)(5)(A), the Secretary of the Air Force may carry out architectural and engineering services and construction design activities with respect to the construction or improvement of military family housing units in an amount not to exceed \$34,188,000.

#### SEC. 2303. IMPROVEMENT TO MILITARY FAMILY HOUSING UNITS

Subject to section 2825 of Title 10, United States Code, and using amounts appropriated pursuant to the authorization of appropriations in section 2304(a)(5)(A), the Secretary of the Air Force may improve existing military family housing units in an amount not to exceed \$226,068,000.

#### SEC. 2304. AUTHORIZATION OF APPROPRIATIONS, AIR FORCE

(a) IN GENERAL

(5) for Military Family Housing functions -

(A) For construction and acquisition, planning and design, and improvement of military family housing and facilities, \$676,694,000.

(B) For support of military family housing (including functions described in section 2833 of Title 10, United States Code), \$844,419,000.

#### FY 2003 Appropriation Language

<u>Family Housing – Construction :</u> For expenses of family housing for the Air Force for construction, including acquisition, replacement, addition, expansion, extension and alteration as authorized by law, [\$544,496,000] \$676,694,000, to remain available until September 30, [2006] 2007.

<u>Family Housing – Operation and Maintenance:</u> For expenses of family housing for the Air Force for operations and maintenance, including debt payment, leasing, minor construction, principal and interest changes, and insurance premiums, as authorized by law,[\$835,194,000] \$844,419,000.

The total of the two appropriations in all [\$1,379,690,000] \$1,521,113,000.

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## **NEW CONSTRUCTION**

#### FY 2003 NEW CONSTRUCTION

Program (In Thousands) FY 2003 Program \$416,438 FY 2002 Program \$149,100

#### Purpose and Scope

This program provides for the construction of new homes where the local community cannot provide adequate housing and replacement of existing homes, where improvements for Air Force personnel are not economically feasible, and support facilities where existing facilities are inadequate. Costs reflect all amounts necessary to provide complete and usable facilities.

#### **Program Summary**

Authorization is requested for: replacement of 2,004 units and construction of 115 units. A summary of the funding program for FY 2003 is as follows:

AUTHORIZATION		Number of	Requested
Type/Locations	Mission*	Units	Amount (\$000)
CONSTRUCTION HOUSING			
Peterson AFB, CO	Current	2	959
Osan AB, Korea	Current	113	\$ 35,705
REPLACEMENT HOUSING & SU			
Luke AFB, AZ	Current	140	\$ 18,954
Travis AFB, CA	Current	110	24,320
USAF Academy, CO	Current	71	12,424
Dover AFB, DE	Current	112	19,615
Eglin AFB, FL	Current	134	15,906
Eglin AFB, FL	Current	LS	597
MacDill AFB, FL	Current	96	18,086
Hickam AFB, HI	Current	96	29,050
Mountain Home AFB, ID	Current	95	24,392
McConnell AFB, KS	Current	LS	1,514
Andrews AFB, MD	Current	53	9,838
Andrews AFB, MD	Current	52	8,807
Columbus AFB, MS	Current	LS	412
Keesler AFB, MS	Current	117	16,505
Whiteman AFB, MO	Current	22	3,977
Malmstrom AFB, MT	Current	18	4,717

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		NUMBER OF	REQUESTED AUTHORIZATION
LOCATION	MISSION	UNITS	AMOUNT (\$000)
Holloman AFB, NM	Current	101	20,161
Pope AFB, NC	Current	LS	991
Seymour Johnson AFB, NC	Current	126	18,615
Grand Forks AFB, ND	Current	150	30,140
Minot AFB, ND	Current	112	21,428
Minot AFB, ND	Current	102	20,315
Vance AFB, OK	Current	59	11,423
Ellsworth AFB, SD	Current	22	4,794
Ellsworth AFB, SD	Current	LS	447
Dyess AFB, TX	Current	85	14,824
Randolph AFB, TX	Current	112	14,311
Randolph AFB, TX	Current	LS	447
Langley AFB, VA	Current	LS	1,193
Ramstein AB, Germany	Current	19	8,534
Osan AB, Korea	Current	LS	834
RAF Lakenheath, UK	Current	LS	2,203
NEW MISSION TOTAL			0
CURRENT MISSION TOTAL			416,438
IMPROVEMENTS			226,068
PLANNING AND DESIGN			34,188
GRAND TOTAL			\$676,694

\* <u>FY 2003 NEW/CURRENT MISSION ACTIVITIES</u>: In compliance with the Senate Appropriations Committee Report (100-380) on the FY 1989 Military Construction Appropriation Act, this exhibit includes construction projects in two separate categories: new mission and current mission. "New Mission" projects are projects that support deployment and beddown of new weapon systems, new program initiatives, and major mission expansions. "Current Mission" projects are projects that either replace inadequate existing facilities or construct new facilities which are not available to meet current requirements.

1. COMPONENT		FY 200	03 MIL	ITARY (	CONST	RUCTIC	N PRO	GRAM	2. DATE	
AIR FORCE										
INSTALLATION AND	LOCATI	ON		COMM	AND:			5. ARE	A CONST	
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COLORADO		,		СОММ		-		1.06		
6. Personnel	PE	RMANENT		S	UDEN	TS	SL	PPORTE	D	
<pre>strength</pre>	OFF	ENL	CIV	OFF			OFF	ENL	CIV	TOTAL
AS OF 30 SEP 01	1138	2018			0	0	8			6,022
END FY 2005	1116	2011	2850	0	0	0	8	7	1	5,993
7. INVENTORY DAT	A (\$000)									
fotal Acreage:	(. ,	1,278								
Inventory Total as of	: (30 Sep	01)								253,6313
Authorization Not Yet	· ·	,								56,977
iuthorization Reques	ted in this	s Program	:							<b>95</b> ິ
iuthorization Include		-		1:	(FY 200	04)				0
Planned in Next Thre			U		· ·	,				0
Remaining Deficiency		U								0
Grand Total:										311,574
8. PROJECTS REQU	JESTED	N THIS P	ROGR	AM:			(FY 200	3)		
CATEGORY									DESIGN	STATUS
	PROJEC	T TITLE				SCOPE			TART	
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9a. Future Projects: I	ncluded i	n the Follo	wing E	Program	· Nono		(FY 200	4)		
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9b. Future Project			-	-		one	(FY05-0			
9b. Future Projec	ts: Typica	al Planned	Next	Three Y	ears: N	one	•			7.852
9b. Future Projec 9c. Real Propery Mai	ts: Typica	al Planned Backlog 1	Next	Three Ye	ears: N		(FY05-0	7)	arters Air F	7,852
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1. COMPONENT						2. DAT	Έ
AIR FORCE <b>F</b> Y	Y 2003 MILITARY	CONS	TRUCTION 1	PROJ	ECT DAT	A	
3. INSTALLATION AN	ID LOCATION			4. F	PROJECT TITLI	Ξ	
PETERSON AIR F	ORCE BASE, COLOR	ADO		CC	NSTRUCT	FAMILY H	IOUSING
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJECT NU	MBER		8. PRO	JECT COST (\$000)
8.87.41	711-142		TDK	XA 03-	402 1	T	\$959
	, , , , , , , , , , , , , , , , , , , ,	9. C	COST ESTIMATE		102 1	I	Ψ,5,7
	ITEM		_	U/M	QUANTITY	JNIT COS1	COST (\$000)
MILITARY FAMIL 4TTACHED 2-CAR				UN UN	2 , 2	284.50( 12.00(	569 <b>24</b>
SUPPORTING FAC	CILITIES						271
SPECIAL CONST	RUCTION FEATURE	S		LS			(90)
	IENTS & LANDSCAP	PING		LS			(50)
UTILITIES STREETS				LS LS			(53)
	ON/ALARM SYSTEM			LS LS			(66) (12)
SUBTOTAL	JN/ ALARM SISIEM			LO			864
CONTINGENCY (5	%)						43
TOTAL CONTRAC	T COST						907
	SPECTION AND OVE	RHEAD	(5.7%)				52
TOTAL REQUEST							959
4REA COST FACT	OR:	1.06					
	N ON PROPOSED CO						
	Position single family ho						
	preparation, attached g	-		-	ng, exterior J	patios and p	orivacy
fencing, support infr	astructure of roads and	utilities	, and landscapin	g.			
			Droia	at ¢	non No	Total	
Dougrada Dad	NCE	CSE	•		per No	Total	
Paygrade Bed 0-10 SCP 4	room <u>NSF</u> 2,955	<u>GSF</u> 3,664	$\frac{\text{GSM}}{341}  \frac{\text{Facto}}{1.14}$	732		(\$000) 569	
	2,700	5,001	511 1.11	152	2	507	
Maximum Size: O-I	O Special Command Po	osition (	SCP) (3270NSF	/4060	GSF)		
11. REQUIREMENT: 3			JATE: 2,855 UN			UBSTANDAF	RD: 290 UN
PROJECT: Constru	act Military Family Ho	using (C	Current Mission)				
DECHIDEMENT	Ducie of annumber of the C		of Deferre 1	tine t		14 atox 1-11 4	for the
	Project supports the Se						
	Force Space Command						
	for a Special Command						
	in accordance with the family room, bedroom				-	-	
_	nd exterior parking in a		-				-
	CP in order to support the				-		
	activities. Features incl						
	rpeting, wall-covering,						
_	ts and countertops; con			-	-		-
	the private living quarte						, I
_					-		
DD FORM 1391c, DEC		REVIOUS	EDITIONS MAY	BE USI	ED INTERNAL	LY	PAGE NO

-

 

 1. COMPONENT AIR FORCE
 FY 2003 MILITARY CONSTRUCTION PROJECT DATA
 2. DATE

 3. INSTALLATION AND LOCATION
 PETERSON AIR FORCE BASE, COLORADO
 5. PROJECT NUMBER

 4. PROJECT TITLE
 5. PROJECT NUMBER
 TDKA 03-402 1

**CURRENT SITUATION:** The positions of CINC USSPACE/NORAD and AFSPC/CC are currently filled by the same general officer. The Space Commission Report, accepted by the Secretary of Defense, recommended that the two commands be commanded by separate 4-star general officers, resulting in two 4-star general officer billets at Peterson AFB. Adequate on-base housing for two 4-star generals is not currently available. The existing military family housing unit for the combined position does not provide adequate entertainment/support space for a SCP per AF Family Housing Guide and Air Force GOQ Standards. Upgrading this unit to meet requirements for a SCP is 92% of the replacement cost. Upgrading a different GOQ to meet requirements for a SCP is 86% of the replacement cost. This project will construct two GOQ units that meet current standards for Special Command Positions

**IMPACT IF NOT PROVIDED:** The new commander of USSPACE/NORAD will be forced to live in an undersized unit inappropriate for a commander in a Special Command Position. The commander of Air Force Space Command will be forced to live in a substandard house that does not meet the basic needs of a Special Command Position. Failure to construct these housing units negatively impacts the quality of life, morale, and the commander's ability to exercise his responsibilities.

**ADDITIONAL:** This project meets the criteria/scope specified in Part II of Military Handbook 1190, Facility Planning and Design Guide. The scope of this project will not have an impact on the local school population. Economic analysis is not required for this project. The Army Corps of Engineers was used to determine SIOH for this project. Base Civil Engineer: Lt Col William Valenti, (719) 556-7633.

			2. DATE				
AIR FORCE	FY 2003 MILITARY CONSTRUCT	ION PROJECT DATA					
3. INSTALLATION ANI	DLOCATION		1				
PETERSON AIR FO	DRCE BASE, COLORADO						
4. PROJECT TITLE		5. PROJECT NUMBER					
CONSTRUCT FAM	ILY HOUSING	TDKA 03-402 1					
12. SUPPLEMENTA	AL DATA:						
a. Estimated Design I	Data:						
Design/Build							
(1) Status:							
	esign Started		01 Sep20				
	etric Cost Estimate used to develop costs		N				
	Complete as of Jan 2002		35				
	5% Designed		01 Dec 23				
	esign Complete		02 Apr 10				
	Study/Life-Cycle analysis was performed;		-				
(2) Basis:	· · · · ·						
(a) Standard	or Definitive Design -		NO				
(b) Where d	esign was most recently used -		N/A				
(3) Total Cost ( a	(b) = (a) + (b)  or  (d) + (e):		(\$45)				
	tion of Plans and Specifications		45				
(b) All oth	er Design Costs		0				
(c) Total			45				
(d) Contra			45				
(e) In-hous	e e						
(4) Construction	Start		03 Feb				
(5) Construction	Completion		04 Jun				
	Equipment associated with this project will be provided from other appropriations: N/A						
). Equipment associa	ted with this project will be provided from oth	er appropriations: N/A					
3. Equipment associa	ted with this project will be provided from oth	er appropriations: N/A					
3. Equipment associa	ted with this project will be provided from oth	er appropriations: N/A					
). Equipment associa	ted with this project will be provided from oth	er appropriations: N/A					
3. Equipment associa	ted with this project will be provided from oth	ner appropriations: N/A					
<ol> <li>Equipment associa</li> </ol>	ted with this project will be provided from oth	er appropriations: N/A					
). Equipment associa	ted with this project will be provided from oth	er appropriations: N/A					
<ol> <li>Equipment associa</li> </ol>	ted with this project will be provided from oth	er appropriations: N/A					
). Equipment associa	ted with this project will be provided from oth	er appropriations: N/A					
<ol> <li>Equipment associa</li> </ol>	ted with this project will be provided from oth	her appropriations: N/A					
<ol> <li>Equipment associa</li> </ol>	ted with this project will be provided from oth	er appropriations: N/A					
<ol> <li>Equipment association</li> </ol>	ted with this project will be provided from oth	er appropriations: N/A					
<ol> <li>Equipment associa</li> </ol>	ted with this project will be provided from oth	her appropriations: N/A					
<ol> <li>Equipment associa</li> </ol>	ted with this project will be provided from oth	er appropriations: N/A					

MILITARY FAMILY HOUS		1. DATE OF REPORT Feb-00			2. FISCAL	YEAR	REPORT ( DD-A&L(A	CONTROL S R)1716	SYMBOL
3. DOD COMPONENT	4. REPORTING INST	ALLATION			h 10047				
AIR FORCE	a. NAME				b. LOCAT		-		
5. DATA AS OF	PETERSON	I AFB				COLORAD	0		
<u>1999</u> ANALYS		CURR	FNT			PROJ	ECTED		
QF		OFFICER	E9-E7	E6-E1	TOTAL	OFFICER	E9-E7	E6-E1	ΤΟΤΑ
REQUIREMENTS	S AND ASSETS	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
6. TOTAL PERSONNEL	STRENGTH	1,501	735	2,967	5,203	1,485	689	2,445	4,619
7. PERMANENT PARTY	PERSONNEL	1,501	735	2,967	5,203	1,485	689	2,445	4.619
B. GROSS FAMILY HO		1,244	642	1,645	3,731	1,233	602	1,529	3,364
9. TOTAL UNACCEPTABI	LY HOUSED (a + b + c)	0	0	0	0				
a. INVOLUNTARILY	SEPARATED	0	0	0	0				
b. IN MILITARY HOU DISPOSED/REPL		0	0	0	0				
c. UNACCEPTABLE	HOUSED IN COMMUNIT	Υ 0	0	0	0				
0. VOLUNTARY SEPARA	ATIONS	63	27	161	251	63	25	131	219
1. EFFECTIVE HOUSING	<b>REQUIREMENTS</b>	1.181	615	1,684	3,480	1,170	577	1,398	3,145
2. HOUSING ASSETS (a	+ b)	1,168	592	1,666	3,424	1,166	537	1.372	3.665
a. UNDER MILITARY	CONTROL	107	66	318	491	107	53	331	491
(1) HOUSED IN E OWNED/CON		107	66	318	491	107	53	331	491
(2) UNDER CON	ITRACT/APPROVED					0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSI	NG	1,059	528	1,348	2,933	1,049	484	1,041	2,574
(1) ACCEPTABLY	HOUSED	1,059	526	1,348	2,933				
(2)ACCEPTABLE	VACANTRENTAL	0	0	0	đ				
3. EFFECTIVE HOUSING	DEFICIT	15	23	18	56	14	40	26	80
4. PROPOSED PROJEC	ſ					2	0	0	2

15. REMARKS

1. COMPONENT		FY 200	3 MILI	TARY (	CONST	RUCTIO	N PROG	RAM	2. DATE	
AIR FORCE										
INSTALLATION AND	LOCATI	ON		COMM	AND:			5. AREA	CONST	
OSAN AIR BASE, KO	OREA			PACIFI	C AIR F	ORCES	5	COST IN	NDEX	
								1.12		
6. Personnel	PEI	RMANENT		S	<b>TUDEN</b>	S	SU	PPORTE	D	
<pre>strength</pre>	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 01	551	4493	982	0	0	0	1084	4838	595	12,543
END FY 2005	552	4489	977	0	0	0	1084	4838	595	12,535
7. INVENTORY DAT	A (\$000)									
Total Acreage:		1,777								
nventory Total as of	• •									401,219
Authorization Not Yet										43,746
Authorization Reques		•								35,705
Authorization Include		-	rogram		(FY 200	4)				38,383
Planned in Next Thre		rogram:								39,224
Remaining Deficiency Grand Total:	/:									U 550 077
Grand Total:										558,277
8. PROJECTS REQU				۵ <i>M</i> ۰			(FY 2003	3)		
CATEGORY							(11 200	,	DESIGN	STATUS
	PROJECT					SCOPE			TART	
		 Family Hou	usina			113 UN			Jun-01	Jul-0.2
	-1	,	5					,		
9a. Future Projects: I	ncluded ir	n the Follo	wing F	rogram			(FY 2004	4)		
7'11-142	Replace I	amily Hou	using	-		111 UN		38,383		
9b. Future Projects:	• •			e Years			(FY05-0			
7'11-142	Replace F	Family Hou	ising			117 UN		39,224		
<u> </u>										70.0740
<sup>ର୍</sup> c. Real Propery Mai	ntenance	Backlog I	his Ins	tallation						76,9710
									40	
10. Mission or Major	Functions	-		• • •	orting F-	-			•	
10. Mission or Major tleadquarters Sevent	Functions h Air Forc	e; a specia	al opera	ations so	orting F- quadron	with MH	l-53J air	craft; a ci	vil engine	
10. Mission or Major tleadquarters Sevent heavy repair squadror	Functions h Air Forc n (RED H	e; a specia ORSE); an	al opera air mo	ations so bility su	orting F- quadron Ipport so	with MH quadron;	l-53J air an Air C	craft; a ci Combat C	vil engine	
10. Mission or Major tleadquarters Sevent	Functions h Air Forc n (RED H	e; a specia ORSE); an	al opera air mo	ations so bility su	orting F- quadron Ipport so	with MH quadron;	l-53J air an Air C	craft; a ci Combat C	vil engine	
10. Mission or Major tleadquarters Sevent heavy repair squadror	Functions h Air Forc n (RED H	e; a specia ORSE); an	al opera air mo	ations so bility su	orting F- quadron Ipport so	with MH quadron;	l-53J air an Air C	craft; a ci Combat C	vil engine	
10. Mission or Major tleadquarters Sevent heavy repair squadror	Functions h Air Forc n (RED H	e; a specia ORSE); an	al opera air mo	ations so bility su	orting F- quadron Ipport so	with MH quadron;	l-53J air an Air C	craft; a ci Combat C	vil engine	
10. Mission or Major tleadquarters Sevent heavy repair squadror	Functions h Air Forc n (RED H	e; a specia ORSE); an	al opera air mo	ations so bility su	orting F- quadron Ipport so	with MH quadron;	l-53J air an Air C	craft; a ci Combat C	vil engine	
10. Mission or Major tleadquarters Sevent heavy repair squadror	Functions h Air Forc n (RED H	e; a specia ORSE); an	al opera air mo	ations so bility su	orting F- quadron Ipport so	with MH quadron;	l-53J air an Air C	craft; a ci Combat C	vil engine	
10. Mission or Major tleadquarters Sevent heavy repair squadror	Functions h Air Forc n (RED H	e; a specia ORSE); an	al opera air mo	ations so bility su	orting F- quadron Ipport so	with MH quadron;	l-53J air an Air C	craft; a ci Combat C	vil engine	
10. Mission or Major tleadquarters Sevent heavy repair squadror	Functions h Air Forc n (RED H	e; a specia ORSE); an	al opera air mo	ations so bility su	orting F- quadron Ipport so	with MH quadron;	l-53J air an Air C	craft; a ci Combat C	vil engine	
10. Mission or Major tleadquarters Sevent heavy repair squadror	Functions h Air Forc n (RED H	e; a specia ORSE); an	al opera air mo	ations so bility su	orting F- quadron Ipport so	with MH quadron;	l-53J air an Air C	craft; a ci Combat C	vil engine	
10. Mission or Major tleadquarters Sevent heavy repair squadror	Functions h Air Forc n (RED H	e; a specia ORSE); an	al opera air mo	ations so bility su	orting F- quadron Ipport so	with MH quadron;	l-53J air an Air C	craft; a ci Combat C	vil engine	
10. Mission or Major tleadquarters Sevent heavy repair squadror	Functions h Air Forc n (RED H	e; a specia ORSE); an	al opera air mo	ations so bility su	orting F- quadron Ipport so	with MH quadron;	l-53J air an Air C	craft; a ci Combat C	vil engine	
10. Mission or Major tleadquarters Sevent heavy repair squadror	Functions h Air Forc n (RED H	e; a specia ORSE); an	al opera air mo	ations so bility su	orting F- quadron Ipport so	with MH quadron;	l-53J air an Air C	craft; a ci Combat C	vil engine	

DD Form 1390, 24 Jul 00

1. COMPONENT					2. DATE
AIR FORCE	FY 2003 MILITARY CO	NSTRU	CTION PROJE	ECT DATA	
3. INSTALLATION AND LOCATI	ON		4. PROJECT TITL		
OSAN AIR BASE, KOREA			CONSTRUCT FA	AMILY HOUS	NG PHASE I
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJ	ECT NUMBER	8. PROJECT	COST (\$000)
88741	71 I-142	SI	AYU0040 19R2	25	705
00/41		ESTIMATE		33	,705
					COST
MILITARY FAMILY HOUS		U/M UN	QUANTITY 113	UNIT COST 126,717	<b>(\$000)</b> 14,319
SUPPORTING FACILITIES		LS	115	120,717	17,611
SITE IMPROVEMENTS		LS			(2,941)
UTILITIES		LS			(1,104)
STREETS		LS			(1,479)
FORCE PROTECTION - H DEMOLITION & ASBEST		LS LS			(9,837)
SUBTOTAL	OS KENIOVAL	LS			$\frac{(2,250)}{3,1,930}$
CONTINGENCY (5%)					1,596
TOTAL CONTRACT COST					33,526
SUPERVISION INSPECTIO	N AND OVERHEAD (6.5%)				2,179
TOTAL REQUEST					35,705
FCF = 1,265 Won					
AREA COST FACTOR	1.12				
10. DESCRIPTION OF PRO	POSED CONSTRUCTION:	Construct	113 housing unit	s to include on	e GOQ. Includes
demolition, site clearing, repla					
rise tower. Provides normal a					
neighborhood playgrounds, and	nd recreation areas. Includes	demolition	, asbestos and lea	id-based paint r	removal.
			Project Cost	Per No	(\$000)
Paygrade Bedroom	NSF GSF G	SM	Factor GSM		Total
E1-E6/01-03 2			1.120 732	48	4,819
E7-E9/O1-O3 3 EI-E6 4		72 81	1.120 732 1.120 732		4,179 2,345
04-05 3		87	1.120 732	18	2,726
07 4		09	1.120 732	1	250
				113	14,319
Maximum size: E1-E6/O1-O3	6 - 2 Bedroom (1210 NSF/150 edroom (1790 NSF/2220 GSF				
	om (3270 NSF/4060 GSF)	-); 04-03 -	5 Bedroom (185	0 NSF/2300 GS	<b>Э</b> Г)
07 - 4 Deale	0111 (3270 1131 / 4000 031 )				
11. Requirement: 350 UN	ADEQUATE: 10 UI	N SUB	STANDARD: 3	40 UN	
PROJECT: Construct-Military	Family Housing, Phase 1 (C	Current Mi	ssion).		
<b>REQUIREMENT</b> : This project					
nembers and their dependents					
accordance with the Family H					
environment. The design will with ample interior and exterior					
ecent housing market analysis					
be provided. The basic neighb					
1	TT			B	

DD FORM 1391, DEC 76 PAGE NO

I										
	1	C	0	Μ	Ρ	0	N	Ε	N	r

#### FY 2003 MILITARY CONSTRUCTION PROJECT DATA

AIR FORCE

3. INSTALLATION AND LOCATION

OSAN AIR BASE, KOREA

4. PROJECT TITLE

#### **CONSTRUCT FAMILY HOUSING PHASE 1**

5. PROJECT NUMBER

SMYU0040 19R2

CURRENT SITUATION: This project replaces one GOQ and 75 leased housing units near Osan AB and provides 37 new units. Because of force protection considerations, specifically, standoff distances and construction standards, the local community is not a source of adequate housing. Most off-base quarters are inadequate with substandard utilities, non-potable water, and a dangerous heating system. Housing that has been determined to be adequate far exceeds basic allowance for housing, while the affordable housing does not meet minimum adequacy standards. The shortage of adequate housing causes a low acceptance rate of personnel who are offered accompanied assignments on the Command Sponsored Priority List which are identified for critical positions that require continuity and provides stability. The existing GOQ building is a quonset type structure constructed in 1953 and has undergone numerous additions, modifications, and repairs over the last 40 years. The last major structural repairs occurred in 1987 when the roof was replaced with modem trusses and Korean cement tiles. Due to the workmanship, complex design, and heavy roof loads, the structural integrity of the building is now questionable. The roof is sagging in several places and structural cracks are appearing in rooms in the home. A recent structural analysis said "Trusses and rafters are overstressed to as much as 100% to 200%. The room sizes are inadequate, the low ceiling height (7' in most areas) detracts from the spaciousness of the home. The bathrooms and kitchen have been partially upgraded but the cabinets and fixtures are mismatched and unattractive. The water and sewer service laterals have exceeded their useful lives.. IMPACT IF NOT PROVIDED: Military members and their families will continue to live in outdated, unsuitable and unsatisfactory housing. The cost of leased housing continues to increase at an unacceptable pace. Personnel will be exposed to health and security risks affecting the overall quality of life and the future retention of personnel assigned to the base. The original quonset hut construction of the GOQ presents significant challenges to in-house maintenance personnel and limits the ability to upgrade and improve the unit. Without this replacement project, the units will continue to deteriorate, particularly with the current GOO roof. Critical maintenance dollars will continue to be diverted from other much-needed projects.

ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, leasing and status quo. Since this is mostly replacement housing, no school construction will be required. This project has been coordinated with the installation physical security plan, and all required physical security and/or combating terrorism measures are included. The possibility of Host Nation funding for this project has been addressed, but sufficient funds from the Host Nation program is not available to support this requirement. The construction agent for this project is the Army Corps of Engineers resulting in 6.5% SIOH costs. Base Civil Engineer: Lt Col. Michael W. Hutchison. 01 I-82-31-661-4312.

FOREIGN CURRENCY: FCF budget Rate Used: WON 1265

1. COMPONENT

AIR FORCE

#### FY 2003 MILITARY CONSTRUCTION PROJECT DATA

3. INSTALLATION AND LOCATION

OSAN AIR BASE, KOREA	
4. PROJECT TITLE	5. PROJECT NUMBER
CONSTRUCT FAMILY HOUSING, PHASE 1	SMYU0040 19R2
12. SUPPLEMENTAL DATA:	
a. Estimated Design Data:	Design/Build
(1) Status:	
(a) Date Design Started	01 Aug 25
(b) Parametric Cost Estimate used to develop costs	N N
(c) Percent Complete as of Jan 2002	35
(d) Date 35% Designed	01 Dec20
(e) Date Design Complete	02 May 25
(f) Energy Study/Life-Cycle analysis was performed;	
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where design was most recently used -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):	(\$1,500)
(a) Production of Plans and Specifications	1,500
(b) All other Design Costs	0
(c) Total	1,500
(d) Contract	1,500
(e) In-house	
(4) Construction Start	03 Apr
(5) Construction Completion	04Jul
b. Equipment associated with this project will be provided from other appropriati	ons: N/A

2. DATE

MILITARY FAMILY HOUS	ING JUSTIFICATION	1. DATE OF REPOI Sep-00	रा		2. FISCAL	. YEAR	REPORT C		YMBOL
B. DOD COMPONENT	4. REPORTING INST	ALLATION							
AIR FORCE	a. NAME				b. LOCAT				
5. DATA AS OF	OSAN AB		Phase 1			KOREA			
2000 ANALYS		0.115	DENT						
ANALYS	015		RENT	E6-E1	TOTAL		ECTED E9-E7	50.54	TOT
REQUIREMENTS	AND ASSETS	(a)	(b)	(C)	(d)	(e)	(f)	E6-E1 (g)	TOTA
TOTAL PERSONNEL			- ()		+ ( <u></u>			L. (9/	
		202	93	51	346	203	92	55	350
. PERMANENT PARTY I	PERSONNEL	202	93	51	346	203	92	55	350
. GROSS FAMILY HOUS		202	93	51	346	203	92	55	350
. TOTAL UNACCEPTAB	LY HOUSED (a + b + c)	0	0	0	0				
a. INVOLUNTARILY	SEPARATED	0	0	0	0				
b. IN MILITARY HOL									
DISPOSED/REPL	ACED HOUSED IN COMMUNIT	0	0	0	0				
C. UNACCEPTABLE	HOUSED IN COMMUNIT	Y O	0	0	0				
D. VOLUNTARY SEPARA	TIONS	0	0	0	0	0	0	0	0
. EFFECTIVE HOUSING	REQUIREMENTS	206	93	51	350	203	92	55	350
2. HOUSING ASSETS (a	+ b)	166	73	46	285	11	0	0	11
a. UNDER MILITAR	CONTROL	166	73	46	285		0	0	11
(1) HOUSED IN E	XISTING DOD				200				
OWNED/CON		166	73	46	285	11	0	0	11
	RACT/APPROVED					0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSIN	IG	0	0		0	0	0	0	0
(1) ACCEPTABLY	'HOUSED	0	0	0	0				
(2) ACCEPTABLE	VACANT RENTAL	0	0	0	0				
. EFFECTIVE HOUSING	DEFICIT	40	20	5	65	192	92	55	339
. PROPOSED PROJECT		Transition - Internet Transition - Johnson	Contraction and an an an and a second s	and the Weight Statistics					

5. REMARKS

Force protection requires members be housed on base.

Item 12.a.(1): Existing off-base leased units will be replaced with on-base facilities. Only 11 units are currently on base. Item 13: A phased program will provide for the deficit of 65 units replace off base leases.

Item 14: Current project provides phase 1, a 112 units high rise building, and one GOQ.

1. COMPONENT		FY 20	03 MIL	ITARY	CONST	RUCTIC	ON PROC	GRAM	2. DATE	
AIR FORCE										
INSTALLATION AND	) LOCATI	ON		COMM	AND:			15. ARE	A CONST	
LUKE AIR FORCE E				•			)			
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					MMAN		0.98		
6. Personnel	DE	RMANENT	-		TUDEN			JPPORTE		
										TOTAL
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF		CIV	TOTAL
AS OF 30 SEP 01	647	5039	1147				1	40		7,014
END FY 2005	583	4439	1070				1	40	140	6,273
7. INVENTORY DAT	A (\$000)									
Total Acreage:		7,249								
Inventory Total as of	: (30 Sep	01)								264,806
Authorization Not Yet	in Invente	ory:								0
Authorization Reques	sted in this	s Program	:							18,954
Authorization Include				:	(FY 200	)4)				13,211
Planned in Next Thre			5		(	,				24,554
Remaining Deficiency		. og . c. m								24,004
Grand Total:										-
Oranu Total.										321,525
				A N 4.				0)		
3. PROJECTS REQU	JESTED	IN THIS P	ROGR	AIVI:			(FY 200	,		
CATEGORY										STATUS;
	PROJEC1					SCOPE	-	-	TART	
711-142	Replace	Family Ho	using			140 UN		18,954	Jun-01	Jul-0:2
9a. Future Projects: I	ncluded i	n the Follo	owing F	Program	:	(FY)	2004)			
-	Replace	Family Ho	using	-		95 UN	-	13,211		
		-	-							
9b. Future Projects:	<b>Evpical Pl</b>	anned Nex	xt Thre	e Years	:		(FY05-0	7)		
		Family Hou				62 UN	(	8,300		
	•	Family Hou	-			114 UN		16,254		
			Joing					10,201		
9c. Real Propery Mai	ntenance	Backlog T	his Ins	tallation						25,526
		_					****	bla far tr	nining all [	
10. Mission or Major										-16
aircrews; an F-I 6 figh										
an Air Commbat Com	mand air	control squ	uadron	; and an	Air For	ce Rese	erve fight	er group	with one	
F-16 squadron.										

DD Form 1390, 24 Jul 00

1. COMPONENT							2. DATE
AIR FORCE	FY 2003 M	ILITARY CO	NSTRU	CTION	PROJEC	CT DATA	
3. INSTALLATION AND LOC	ATION			4. PROJE	CT TITLE		
				REPLAC	CE FAMIL	Y HOUSING	PHASE 2
LURE AIR FORCE BAS							
5. PROGRAM ELEMENT	6. CATEGO	RY CODE	7. PRO	JECT NUN	IBER	8. PROJECT	COST (\$000)
88741	7	11-142	N	UEX004(	007	19	,954
					507	18	,934
			<u>F 4 · · · · · · · · · · · · · · · · · · </u>				COST
_	ITEM		U/M	QUAN	YTITY	UNIT ,COST	(\$000)
MILITARY FAMILY HO	DUSING		UN	14	40	118,914	16,648
SUPPORTING FACILIT							430
SITE IMPROVEMENT	S		LS				(125)
UTILITIES			LS				(175)
STREETS			LS				(110)
RECREATION			LS				<u>(20)</u>
DEMOLITION			LS				17,078
SUBTOTAL							<u>854</u>
CONTINGENCY (5%)							17,932
TOTAL CONTRACT CC							<u>1,022</u>
SUPERVISION INSPEC	FION AND OVE	RHEAD (5.7%)	)				18,954
TOTAL REQUEST							
AREA COST FACTOR	0.98						
10. DESCRIPTION OF P							
is commensurate with loca							
(HCP). Project to include				conservat	ion, landsc	caping, suppor	ting
infrastructure, and all of the	ne requirements id	lentified in the l	HCP.				
Decisional de Declara			<u></u>	Project	Cost F		(\$000) Tatal
Paygrade Bedroo	<u>m NSF</u> 1,081		<u>SM</u> 24	Factor 0.980	<u>GSM</u> 732	<u>Units</u> 10	<u>Total</u> 890
EI-E6 2 EI-E6 3	1,081		24 50	0.980	732	46	4,982
EI-E6 3	1,570		81	0.980	732	40 14	4,502 1,818
E7-E9/W1-O3 3	1,500		72	0.980	732	54	6,663
E7-E9/W1-O3 4	1,734	,	200	0.980	732	<u>16</u>	2.295
	.,	_,		0.000		140	16,648
							-,
Maximum size: E1-E6/2 E	Bedroom (1210 NS	SF/1500 GSF)					
	Bedroom (1420 NS		El-E-6/4	Bedroom	(1790 NSI	F/2220 GSF)	
	- <b>O3</b> - 3 Bedroom					,	) NSF/2500 GSF)
2, 2, 1, 1,			,,			(2020	
11. Requirement: 3,341	UN AD	EQUATE: 2,6	73 UN	SUBST		: 668 UN	
<u>IPROJECT</u> : Replace-Milita							
IREQUIREMENT: Phase 2					housing fo	r militarv mei	mbers and their
Families stationed at Luke							
a comfortable and appealin							
provide modem kitchens,							
storage. Garages and 2-car							
playgrounds, and recreatio							
pujervanus, and recreatio				e, and m		5 environment	

1. COMPONENT

AIR FORCE

#### FY 2003 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

#### **3. INSTALLATION AND LOCATION**

#### LURE AIR FORCE BASE, ARIZONA

#### 4. PROJECT TITLE

#### **REPLACE FAMILY HOUSING, PHASE 2**

### 5. PROJECT NUMBER

NUEX004007 CURRENT SITUATION: Currently, Luke residents are living in 40+ year-old housing units. These 1960 houses require major renovations and repairs to correct deterioration resulting from age and heavy use. These houses have not had a major upgrade since construction and do not meet current AF standards. The bedrooms are small and lack adequate closet space. The bathrooms are small and the fixtures are outdated and energy inefficient. The kitchens do not provide adequate food preparation space or dining arrangements. Roofs, walls, foundations and exterior pavements require major repair or replacement. The utility system has deteriorated. All units require a patio with roof due to the harsh and lengthy hot season in Arizona. Xeriscaping is needed for all units.

IMPACT IF NOT PROVIDED: The present housing units are substandard and will continue to have a significant impact on the quality of life for Luke personnel and their families.

ADDITIONAL: This project meets the criteria/scope specified in Part II of the Military Handbook 1190 "Facility Planning and Design Guide." An economic analysis will be prepared comparing the alternatives of new construction and status quo operations. The average cost to improve these housing units are greater than 70% of the replacement cost. Since this is replacement housing, there will be no increase in the student population or impact on the ability of local school districts to support base dependents. The Army Corps of Engineers is the construction agent for this project resulting in 5.7% SIOH costs. Base Civil Engineer: Lt Col John Lohr, (623) 856-6135...

I 1. COMPONENT

2. DATE

AIR FORCE	FY 2003 MILITARY CONSTRUCTION	N PROJECT DATA	
3. INSTALLATION AND LOO	CATION		
LURE AIR FORCE BAS 4. PROJECT TITLE	SE, ARIZONA	5. PROJECT NUMBER	
REPLACE FAMILY HO		NUEX004007	
12. SUPPLEMENTAL I a. Estimated Design Data		Desi	m/Duild
a. Estimated Design Data		Desig	gn/Build
(1) Status:			
(a) Date Desig		01	Aug 10
	Cost Estimate used to develop costs		Ν
	mplete as of Jan 2002		35
(d) Date 35%			1 <b>Dec</b> 10
(e) Date Desig		02	2 May 10
	dy/Life-Cycle analysis was performed;		
(2) Basis:			
	Definitive Design -		NO
(b) Where desig	n was most recently used -		N/A
(3) Total Cost ( c ) =	(a) + (b)  or  (d) + (e):		(\$800
	of Plans and Specifications		800
(b) All other D			(
(c) Total			800
(d) Contract			800
(e) In-house			
(4) Construction Sta	rt		03Mar
(5) Construction Co	mpletion		04Jun
. Equipment associated	with this project will be provided from other app	propriations: N/A	

MILITARY FAMILY HOUS	_	1. DATE OF REPOR Jul-01	Г		2. FISCAL	YEAR	REPORT DD-A&L(A	CONTROL R)1716	SYMBOL
3. DOD COMPONENT	4. REPORTING INST	ALLATION							
	a. NAME				b. LOCAT				
5. DATA AS OF 2000	LUKE AFB		Phase 2			ARIZONA			
ANALYS	IS	CURR					ECTED		
		OFFICER (a)	E9-E7 (b)	E6-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E7 (f)	E6-E1 (g)	тота <u>(h)</u>
6. TOTAL PERSONNEL S	· •	629	518	4,705	5,852	558	499	4,418	5,475
7. PERMANENT PARTY	PERSONNEL	629	518	4,705	5,852	558	499	4,418	5,475
B. GROSS FAMILY HOUS	SING REQUIREMENTS	504	481	2,803	3,788	448	463	2,623	3,534
9. TOTAL UNACCEPTAB	LY HOUSED (a + b + c)						400	2,023	0,004
a. INVOLUNTARILY	SEPARATED	24	46	70	140				
a. introcontranici		0	0	0	0				
b. IN MILITARY HOL DISPOSED/REPL		24	46	70	140				
	HOUSED IN COMMUNIT		0	0	0				
0. VOLUNTARY SEPARA	TIONS				1				
1. EFFECTIVE HOUSING	REQUIREMENTS	7	40	156	203	<b>7</b> 1965 (2019)	39	147	193
2. HOUSING ASSETS (a	+ b)	497	441	2,647	3,585	. 441	424	2,476	3,341
· · ·		473	395	2,577	3,445	417	378	2,406	3,201
a. UNDER MILITARY	CONTROL	71	47	616	734	71	47	616	734
(1) HOUSED IN E OWNED/CON		71	47	616	734	71	47	616	734
(2) UNDER CONT	RACT/APPROVED					0	0	0	0
(3) VACANT	· · · · · · · · · · · · · · · · · · ·	0	0	0	0	Ŭ.	Ŭ	5	1
(4) INACTIVE		0	0		1.1912.389				
b. PRIVATE HOUSIN	G			0	0				
(1) ACCEPTABLY		402	348	1,961	2,711	346	331	1,790	2,467
		402	348	1,961	2,711				
(2) ACCEPTABLE	VACANT RENTAL	0	0	0	0				
3. EFFECTIVE HOUSING	DEFICIT	24	46	70	140	-24	46	70	140
4. PROPOSED PROJECT		California in the second s	C WAIICAN I		and a second	integri tittad			

5. REMARKS

Item 12.a.(1): 668 on-base units are inadequate.

1. COMPONENT		FY 20	03 MII	ITARY	CONST	RUCTIO	N PROC	RAM	2. DATE		
AIR FORCE					001101				Z. DATE		
INSTALLATION AND		ΟN		СОММ				5 ARE	A CONST		
TRAVIS AIR FORCE BASE,				AIR MOBILITY COMMAND							
CALIFORNIA								COST INDEX 1.24			
6. Personnel				STUDENTS SU				PPORTED			
Strength	OFF	ENL	CIV	OFF	ENL		-			TOTAL	
AS OF 30 SEP 01	1233	5665		UFF	EINL	CIV	OFF			TOTAL	
END FY 2005	1235		1462				13			8,890	
			1404				13	328	169	8,734	
7. INVENTORY DAT	A (\$000)										
Total Acreage: 453,594											
Inventory Total as of : (30 Sep 01) 3,800,352											
Authorization Not Yet in Inventory: 0											
Authorization Requested in this Program:										24,320	
Authorization Include			rogram	:	(FY 200	04)				24,659	
Planned in Next Three Years Program:										51,769	
Remaining Deficiency	/:									0	
Grand Total:										3,901,100	
13. PROJECTS REQU	JESTED	IN THIS P	ROGR	AM:			(FY2003	i)		7	
<b>(</b> CATEGORY								COST	DESIGN	STATUS;	
CODE	PROJECT	T TITLE				SCOPE		\$,000 S	TART	CMPL	
711-142	Replace	Family Ho	using			110 UN			Jun-01	Jul-0:2	
	•		Ũ					,			
9a. Future Projects: I	ncluded i	n the Follo	owina F	Program	•		(FY 2004	4)			
		Family Ho	•			104 UN	(	24,659			
	. copie.co							,000			
9b. Future Projects:	Evoical Pl	anned Nex	kt Thre	e Years			(FY05-0	7)		_	
		Family Hou		e reare		97 UN	(	25,607			
	Replace Family Housing			96 UN			26,162				
1 1 1 1 72	Ropidoo		Joing					20,102			
9c. Real Propery Mai	ntenance	Backlog T	his Ins	tallation						117,2123	
						mmond	ooooiot	o oir mobi		117,2123	
squadrons and two K	•		AIr Fo	rce Res	erve Co	mmand	associati	e air mob	llity wing;		
a major Air Force med	dical cent	er.									
										1	
DD Form 1390, 24 Jul	00										

DD Form 1390, 24 Jul 00

1. COMPONENT					2. DATE						
AIR FORCE	FY 2003 MILITARY CO	ONSTRU	ICTION PROJE	ECT DATA							
3. INSTALLATION AND LOCA	ΓΙΟΝ	4. PROJECT TITL									
TRAVIS AIR FORCE BASE, CALIFORNIA REPLACE FAMILY HOUSING PHASE 3											
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT	8. PROJECT COST (\$000)						
88741	711-142	<b></b>	KDAT034050P3	24,320							
		T ESTIMAT									
	ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)						
MILITARY FAMILY HOU SUPPORTING FACILITIE SITE IMPROVEMENTS UTILITIES STREETS LANDSCAPING RECREATION DEMOLITION & ASBES OTHER SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT COS' SUPERVISION INSPECTION TOTAL REQUEST	S STOS REMOVAL	UN LS LS LS LS LS LS LS	110	153,600	16,896 4,954 (800) (1,234) (675) (627) (403) (920) (295) 21,850 <u>1,093</u> 22,943 <u>1,377</u> 24,320						
10. DESCRIPTION OF PR utilities, curbs, gutters and c	OPOSED CONSTRUCTION: Iriveways, new housing units clude heating/ventilating, air c	and landso	caping. Also includ	les demolition and appliances,	and abatement of patios, and						
Paygrade <u>Bedroom</u> EI-E6 3 E7-E9/W1-O3 3 E7-E9/W1-O3 4	1,315 1,630 1,500 1,860	<u>SSM</u> 151 172 200	Floget         Cost           Factor         GSM           1.240         732           1.240         733           1.240         733           1.240         733	1 <u>Units</u> 2 20 2 86	(\$000) <u>Total</u> 2,742 13,427 <u>727</u> 16,896						
	edroom (1420 NSF/1760 GSF) O3 - 4 Bedroom (2020 NSF/25		V1-O - 3 Bedroom	(1650 NSF12	050 GSF)						
<b>REQUIREMENT:</b> Project w will meet "whole house/who nvironment comparable to <u>CURRENT SITUATION:</u> T mdersized and in deteriorati to family rooms for the 3 be tre failing, cracking, and shi	UN ADEQUATE: 2,7 Family Housing, Phase 3 (Cr vill provide modem and efficie le neighborhood" standards an the off-base civilian communit his project replaces houses con ng structural condition. The ga droom units, and the overall he fting. Many units flood becaus not been possible to install sid	urrent Miss ent housing ad will pro ty. nstructed i arages are ome area i se the floc	g for military mem wide a comfortable in the 1950s. These so small they are is undersized. The or slab is too low.	bers and their t e, safe, and app e single family not usable as g c concrete slab- The buildings a	families. All units ealing living homes are arages, there are on-grade floors are located so						
			USED INTERNALL								

D FORM 1391, DEC 76 PAGE NO PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

AIR FORCE

## FY 2003 MILITARY CONSTRUCTION PROJECT DATA

#### 3. INSTALLATION AND LOCATION

#### TRAVIS AIR FORCE BASE, CALIFORNIA

## 4. PROJECT TITLE

#### REPLACE FAMILY HOUSING, PHASE 3

## 5. PROJECT NUMBER

## XDAT034050P3

These units have had no major upgrades since construction and they do not meet the needs of today's families. Plumbing and electrical systems are antiquated. Interior finishes consist of vinyl/asbestos tiles that have been repeatedly patched due to slab movement. Most units have at least 3 colors of floor tile. The kitchen and cabinets are old, unsightly, and undersized. The sinks and countertops are worn and were done in an early 70's color scheme. Lighting throughout the house is inadequate and the fixtures are old. There are no ground fault interrupter circuits. Cooling is by means of a "swamp cooler" which is a constant maintenance problem. Furnaces are 22 years old and beginning to fail. Patios are cracked and privacy fencing (where it still stands) is inadequate. Landscaping is very sparse and no longer attractive.

<u>IMPACT IF NOT PROVIDED</u>: Air Force members and their families will be housed in unsatisfactory facilities, which will contribute to lowered morale. Housing stock will continue to deteriorate without capital improvements. Without this project the repair and improvement of these units will occur in a more costly, piecemeal fashion with little overall improvement to the quality of living.

ADDITIONAL: This project meets the criteria/scope specified in Part II of Mil Handbook 1190, Facility Planning and Design Guide. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and the status quo option. New construction was found to be the most economical over the life of the units. Replacement costs are based on a current construction contract replacing similar units at Travis AFB. The cost to improve is 83% of the replacement costs. The construction agent for this project will be the Naval Facilities Engineering Command, resulting in SIOH costs of 6%.

BASE CIVIL ENGINEER: Lt Col Mark A. Correll, (707) 424-2492

1. COMPONENT

## FY 2003 MILITARY CONSTRUCTION PROJECT DATA

AIR FORCE	FT 2003 MILITART CONSTRUCT	ION PROJECT DATA
3. INSTALLATION AND LO	CATION	
TRAVIS AIR FORCE B	ASE, CALIFORNIA	
4. PROJECT TITLE	· · · · · · · · · · · · · · · · · · ·	5. PROJECT NUMBER
REPLACE FAMILY HO	USING, PHASE 3	XDAT034050P3
12. SUPPLEMENTAL 1	DATA:	
a. Estimated Design Data	:	Design/Build
(1) Status:		
(a) Date Desig		01 Aug 10
	Cost Estimate used to develop costs	Ν
	nplete as of Jan 2002	35
(d) Date 35%		01 Dec 10
(e) Date Desig		02 May 10
	dy/Life-Cycle analysis was performed;	
(2) Basis:		
	Definitive Design -	NO
(b) Where desig	n was most recently used -	N/A
(3) Total Cost ( c ) =	(a)+(b) or (d)+(e):	(\$970)
(a) Production	of Plans and Specifications	970
(b) All other D	esign Costs	(
(c) Total		970
(d) Contract		970
(e) In-house		
(4) Construction Sta	rt	03Mar
(5) Construction Co	mpletion	04Jun
b. Equipment associated	with this project will be provided from other a	ppropriations: N/A

MILITARY FAMILY HOUS	ING JUSTIFICATION	1. DATE OF REPOR Ott-00	1		2. FISCA	L ye <b>a</b> r	REPORT	CONTROL	SYMBOL
3. DOD COMPONENT	4. REPORTING INST							<u> </u>	
AIR FORCE	a. NAME				b. LOCA	FION			
5. DATA AS OF 2000	TRAVIS AF	B	Phase 3			CALIFORN	IIA		
ANALYS	SIS	CURR					ECTED	_	
OF REQUIREMENTS	AND ASSETS	OFFICER (a)	E9-E7	E6-E1	TOTAL	OFFICER		E6-E1	TOTA
6. TOTAL PERSONNEL S		(a)	(b)	(c)	(d)	(e)	(f)	<u>(g)</u>	<u>(h)</u>
		1,299	679	5,516	7,494	1,300	488	5,374	7,162
7. PERMANENT PARTY F		1,299	679	5,516	7,494	1,300	488	5,374	7,162
3. GROSS FAMILY HOUS		875	593	3,029	4,497	877	424	2,952	4,253
9. TOTAL UNACCEPTAB	· · ·	60	30	20	110				
a. INVOLUNTARILY		0	0	0	0				
<ul> <li>b. IN MILITARY HOU DISPOSED/REPL</li> </ul>		60	30	20	110				
	HOUSED IN COMMUNIT		0	0	0				
0. VOLUNTARY SEPARA	TIONS	22	30	118	170	22	19	117	158
1. EFFECTIVE HOUSING	REQUIREMENTS	853	563	2,911	4.327	855	405	2,835	4,095
2. HOUSING ASSETS (a	+ b)	793	533	2.891	4,217	795	375	2,815	3,985
a. UNDER MILITARY	CONTROL	202	192	2.232	2,626	202	192	2.232	2,626
(1) HOUSED IN E OWNED/CON		202	192	2,232	2,626	202	192	2,232	2,626
(2) UNDER CONT	RACT/APPROVED					0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSIN	IG	591	341	659	1,591	593	183	583	1,359
(1) ACCEPTABLY	HOUSED	591	341	659	1,591				
(2) ACCEPTABLE	VACANT RENTAL	0	0	0	0				
B. EFFECTIVE HOUSING	DEFICIT	<b>60</b> - 75	30	20	110	60	30	20	110
4. PROPOSED PROJECT						60	30	20	110

'5. REMARKS

Item 12.a.(1): 1383 on-base units are inadequate.

		FY 200	03 MILI	ITARY (	GRAM	RAM 2. DATE					
AIR FORCE											
INSTALLATION AND				COMM					A CONST		
USAF ACADEMY, C	OLORAD	0				ES AIR	FORCE	COST II			
		ACADEMY						1.03			
6. Personnel		RMANENT			UDEN <sup>-</sup>		SL	IPPORTE	D		
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	ΤΟΤΑ	
AS OF 30 SEP 01	929	1011	2483	0	182	0	21	4000	190	8,81	
END FY 2005	902	872	2223	0	182	0	21	4000	190	8,39	
7. INVENTORY DAT	A (\$000)										
Total Acreage:		53,276									
Inventory Total as of	: (30 Sep	01)								429,54	
Authorization Not Yet	in Invent	ory:								20,64	
Authorization Reques	sted in this	s Program								12.42	
Authorization Include	d in the F	ollowing P	rogram	:	(FY 200	)4)				9,13	
Planned in Next Thre	e Years F	Program:								32,73	
Remaining Deficiency	/:										
Grand Total:										504,48	
B. PROJECTS REQU	JESTED	N THIS P	ROGR	AM:		1	(FY2003	3)			
CATEGORY								COST	DESIGN	STATUS	
CODE	PROJEC	<u>T TITLE</u>				<u>SCOPE</u>		\$,000 S	<u>T A R T</u>	<u>C M P L</u>	
711-142	Replace	Family Ho	using			71 UN		12,424	Jun-01	Jul-0:	
3a. Future Projects:	Included	in the Follo	owing F	rogram			(FY 200-	4)			
71  -142	Replace	Family Ho	using			53 UN		9,133			
1 1 1 1 7 4	rtopiaco	,	0								
	•	-	-								
3b. Future Projects: 7	Typical P	anned Ne	xt Thre	e Years			(FY05-0				
3b. Future Projects:	Typical P Replace	lanned Nei Family Ho	xt Thre	e Years		78 UN	(FY05-0	13,452			
3b. Future Projects: <sup>-</sup> III-142	Typical P Replace	anned Ne	xt Thre	e Years			(FY05-0				
3b. Future Projects: <sup>-</sup> III-142 III-142	Typical P Replace Replace	lanned Ne Family Ho Family Ho	xt Thre using using			78 UN	(FY05-0	13,452			
3b. Future Projects: <sup>-</sup> III-142 III-142	Typical P Replace Replace	lanned Ne Family Ho Family Ho	xt Thre using using			78 UN	(FY05-0	13,452		115,88	
3b. Future Projects: 111-142 111-142 Oc. Real Propery Main IO. Mission or Major	Typical P Replace Replace ntenance Functions	lanned Ne Family Ho Family Ho Backlog T S: Respons	xt Thre using using This Ins sible for	tallation	ng educ	78 UN 113 UN ation an	d trainin	13,452 19,188 g for cade			
3b. Future Projects: 111-142 111-142 <b>9c.</b> Real Propery Main 10. Mission or Major <b>Air</b> Force officers; a tr	Typical P Replace Replace ntenance Functions aining win	lanned Ne Family Ho Family Ho Backlog T S: Respons ng includin	xt Thre using using This Ins sible for	tallation	ng educ	78 UN 113 UN ation an	d trainin	13,452 19,188 g for cade			
3b. Future Projects: 111-142 111-142 <b>3c.</b> Real Propery Main 10. Mission or Major <b>Air</b> Force officers; a tr	Typical P Replace Replace ntenance Functions aining win	lanned Ne Family Ho Family Ho Backlog T S: Respons ng includin	xt Thre using using This Ins sible for	tallation	ng educ	78 UN 113 UN ation an	d trainin	13,452 19,188 g for cade		115,88( ome	
3b. Future Projects: 111-142 111-142 <b>3c.</b> Real Propery Main 10. Mission or Major <b>Air</b> Force officers; a tr	Typical P Replace Replace ntenance Functions aining win	lanned Ne Family Ho Family Ho Backlog T S: Respons ng includin	xt Thre using using This Ins sible for	tallation	ng educ	78 UN 113 UN ation an	d trainin	13,452 19,188 g for cade			
3b. Future Projects: 111-142 111-142 3c. Real Propery Main 10. Mission or Major Air Force officers; a tr	Typical P Replace Replace ntenance Functions aining win	lanned Ne Family Ho Family Ho Backlog T S: Respons ng includin	xt Thre using using This Ins sible for	tallation	ng educ	78 UN 113 UN ation an	d trainin	13,452 19,188 g for cade			
3b. Future Projects: 111-142 111-142 <b>9c.</b> Real Propery Main 10. Mission or Major <b>Air</b> Force officers; a tr	Typical P Replace Replace ntenance Functions aining win	lanned Ne Family Ho Family Ho Backlog T S: Respons ng includin	xt Thre using using This Ins sible for	tallation	ng educ	78 UN 113 UN ation an	d trainin	13,452 19,188 g for cade			
3b. Future Projects: 111-142 111-142 <b>9c.</b> Real Propery Main 10. Mission or Major <b>Air</b> Force officers; a tr	Typical P Replace Replace ntenance Functions aining win	lanned Ne Family Ho Family Ho Backlog T S: Respons ng includin	xt Thre using using This Ins sible for	tallation	ng educ	78 UN 113 UN ation an	d trainin	13,452 19,188 g for cade		-	
3b. Future Projects: 111-142 111-142 <b>9c.</b> Real Propery Main 10. Mission or Major <b>Air</b> Force officers; a tr	Typical P Replace Replace ntenance Functions aining win	lanned Ne Family Ho Family Ho Backlog T S: Respons ng includin	xt Thre using using This Ins sible for	tallation	ng educ	78 UN 113 UN ation an	d trainin	13,452 19,188 g for cade		-	
3b. Future Projects: 111-142 111-142 <b>9c.</b> Real Propery Main 10. Mission or Major <b>Air</b> Force officers; a tr	Typical P Replace Replace ntenance Functions aining win	lanned Ne Family Ho Family Ho Backlog T S: Respons ng includin	xt Thre using using This Ins sible for	tallation	ng educ	78 UN 113 UN ation an	d trainin	13,452 19,188 g for cade			
3b. Future Projects: 111-142 111-142 <b>9c.</b> Real Propery Main 10. Mission or Major <b>Air</b> Force officers; a tr	Typical P Replace Replace ntenance Functions aining win	lanned Ne Family Ho Family Ho Backlog T S: Respons ng includin	xt Thre using using This Ins sible for	tallation	ng educ	78 UN 113 UN ation an	d trainin	13,452 19,188 g for cade			
3b. Future Projects: 111-142 111-142 <b>3c.</b> Real Propery Main 10. Mission or Major <b>Air</b> Force officers; a tr	Typical P Replace Replace ntenance Functions aining win	lanned Ne Family Ho Family Ho Backlog T S: Respons ng includin	xt Thre using using This Ins sible for	tallation	ng educ	78 UN 113 UN ation an	d trainin	13,452 19,188 g for cade			
3b. Future Projects: 111-142 111-142 <b>9c.</b> Real Propery Main 10. Mission or Major <b>Air</b> Force officers; a tr	Typical P Replace Replace ntenance Functions aining win	lanned Ne Family Ho Family Ho Backlog T S: Respons ng includin	xt Thre using using This Ins sible for	tallation	ng educ	78 UN 113 UN ation an	d trainin	13,452 19,188 g for cade			
3b. Future Projects: 111-142 111-142 <b>3c.</b> Real Propery Main 10. Mission or Major <b>Air</b> Force officers; a tr	Typical P Replace Replace ntenance Functions aining win	lanned Ne Family Ho Family Ho Backlog T S: Respons ng includin	xt Thre using using This Ins sible for	tallation	ng educ	78 UN 113 UN ation an	d trainin	13,452 19,188 g for cade		-	
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3b. Future Projects: 111-142 111-142 <b>9c.</b> Real Propery Main 10. Mission or Major <b>Air</b> Force officers; a tr	Typical P Replace Replace ntenance Functions aining win	lanned Ne Family Ho Family Ho Backlog T S: Respons ng includin	xt Thre using using This Ins sible for	tallation	ng educ	78 UN 113 UN ation an	d trainin	13,452 19,188 g for cade		-	

AIR FORCE		FY 2003	MILITARY	Y CONST	RUC	CTION	PROJE	CT DATA	4	
3. INSTALLATION		ON			4	4. PROJE				
					I	REPLAC	CE FAMI	LY HOUSI	NG PH	ASE 1
USAF ACADEM		-								
5. PROGRAM ELE	MENT	6. CATEC	GORY CODE	7.	PROJI	ECT NUN	IBER	8. PROJE	ECT COS	ST (\$000)
88741			711-142		xc	)PZ0372	25		12,424	
				COST ESTI			.23		12,424	
										COST
MILITARY FAN					U/M		TITY	UNIT COST	Г	(\$000)
SUPPORTING F	FACILITIES	ING			UN LS LS	7	1	125,014		8,876 2,339
UTILITIES	LINERITS				LS					(1,236) (1,103)
SUBTOTAL					20					11,215
CONTINGENCY	· · ·									<u>561</u>
FOTAL CONTR										11,776
SUPERVISION I		N AND OV	ERHEAD (	(5.5%)						<u>648</u>
FOTAL REQUE	51									12,424
AREA COST FA		1.03								
10 DESCRIPTIC	N OF PROP	POSED CO	NSTRUCTI	ON: Repla	ce 7 1	l housin	g units. I		nolition,	site clearing
O. DESCRIFIIC	IN OF TROE		1.01110011							
eplacement/upgra	ade of utility	systems and	d roads, and	l construction	on of	new sing				
eplacement/upgra amenities includir	ade of utility ng parking, e	systems and xterior pation	d roads, and	l construction	on of	new sing				
eplacement/upgra menities includir	ade of utility ng parking, e	systems and xterior pation	d roads, and	l construction	on of	new sing				
eplacement/upgra menities includir	ade of utility ng parking, e	systems and xterior pation	d roads, and	l construction	on of d neig	new sing hborhoo	d recreat	ion areas. S	Some lea	ad based
replacement/upgra amenities includin aint and asbestos	ade of utility ng parking, e s removal is 1	systems and xterior pationecessary.	d roads, and os, privacy f	l construction fencing, and	on of d neig F	new sing ghborhoo <b>Project</b>	od recreat	ion areas. S	Some lea	ad based
eplacement/upgra amenities includir	ade of utility ng parking, e	systems and xterior pation	d roads, and os, privacy f <u>GSF</u> 1,340	l construction	on of d neig F <u>F</u>	new sing hborhoo	d recreat	ion areas. S	Some lea ( <b>\$0</b> <u>To</u>	ad based
replacement/upgra amenities includin paint and asbestos <u>Paygrade</u> EI-E6 EI-E6 EI-E6	ade of utility ng parking, e s removal is n <u>Bedroom</u> 2 3	systems and xterior pation necessary. <u>NSF</u> 1,080 1,310	d roads, and os, privacy f <u>GSF</u> 1,340 1,630	l construction fencing, and <u>GSM</u> 124 150	on of d neig F <u>F</u>	new sing ghborhoo Project Factor 1.071 1.071	d recreat Cost <u>GSM</u> 732 732	ion areas. S Per No <u>Units</u> 14 18	Some lea ( <b>\$0</b> <u>To</u> 1,3 2,1	ad based 00) t <u>al</u> 361 31
replacement/upgra amenities includin paint and asbestos <u>Paygrade</u> EI-E6 EI-E6 E7-E8/W1-0	ade of utility ng parking, e s removal is r <u>Bedroom</u> 2 3 O3 3	systems and xterior pation necessary. <u>NSF</u> 1,080 1,310 1,500	d roads, and os, privacy f <u>GSF</u> 1,340 1,630 1,860	I construction fencing, and <u>GSM</u> 124 150 172	on of d neig F <u>F</u>	new sing ghborhoo Project Factor 1.071 1.071 1.071	d recreat Cost <u>GSM</u> 732 732 732	ion areas. S Per No <u>Units</u> 14 18 34	Some le: ( <b>\$0</b> <u>To</u> 1,3 2,1 4,5	ad based 00) t <u>al</u> 361 31 855
Peplacement/upgra amenities includin paint and asbestos Paygrade EI-E6 EI-E6 E1-E6 E7-E8/W1-0 04-05	ade of utility ng parking, e s removal is r <u>Bedroom</u> 2 3 03 3 3 3	systems and xterior pation necessary. <u>NSF</u> 1,080 1,310 1,500 1,629	d roads, and os, privacy f <u>GSF</u> 1,340 1,630 1,860 2,020	GSM 690 124 150 172 187	on of d neig F <u>F</u>	new sing hborhoo Project <u>actor</u> 1.071 1.071 1.071 1.071	d recreat Cost <u>GSM</u> 732 732 732 732 732	Per No <u>Units</u> 14 18 34 2	Some lea ( <b>\$0</b> <u>To</u> 1,3 2,1 4,5 2	ad based 00) <u>tal</u> 361 31 885 293
replacement/upgra amenities includin paint and asbestos <u>Paygrade</u> EI-E6 EI-E6 E7-E8/W1-0	ade of utility ng parking, e s removal is r <u>Bedroom</u> 2 3 O3 3	systems and xterior pation necessary. <u>NSF</u> 1,080 1,310 1,500	d roads, and os, privacy f <u>GSF</u> 1,340 1,630 1,860	I construction fencing, and <u>GSM</u> 124 150 172	on of d neig F <u>F</u>	new sing ghborhoo Project Factor 1.071 1.071 1.071	d recreat Cost <u>GSM</u> 732 732 732	ion areas. S Per No <u>Units</u> 14 18 34	Some lea (\$0 <u>To</u> 1,3 2,1 4,5 2 <u>5</u>	ad based 00) t <u>al</u> 361 31 855
replacement/upgra amenities includin paint and asbestos Pavgrade EI-E6 EI-E6 E7-E8/W1-0 04-05 04-05 04-05	ade of utility ng parking, e s removal is n <u>Bedroom</u> 2 3 03 3 4	systems and xterior pation necessary. <u>NSF</u> 1,080 1,310 1,500 1,629 1,863 poom (1210 f 3 - 3 Bedroo	d roads, and os, privacy f <u>GSF</u> 1,340 1,630 1,860 2,020 2,310 NSF/1500 C om (1650 N	GSM fencing, and <u>GSM</u> 124 150 172 187 215 GSF), E1-E4 SF/2050 G	on of d neig F <u>F</u> 6/3 Be SF);E	new sing hborhoo Project <u>actor</u> 1.071 1.071 1.071 1.071 1.071 2.071 1.071	Cost <u>GSM</u> 732 732 732 732 732 732 (1420 NS 1-O3 - 4	Per No Units 14 18 34 2 3 71 F/1760 GSI Bedroom (2	Some lea (\$0 <u>To</u> 1,3 2,1 4,5 2 5 8,8 F) 020 NS	ad based 00) <u>tal</u> 361 31 585 193 506 876
replacement/upgra amenities includin paint and asbestos Pavgrade EI-E6 EI-E6 E7-E8/W1-0 04-05 04-05 04-05	ade of utility ng parking, e s removal is n 2 3 03 3 4 1-E6/2 Bedro 7-E-8/W1-O 4-05 - 3 Bedro	systems and xterior pation necessary. <u>NSF</u> 1,080 1,310 1,500 1,629 1,863 pom (1210 H 3 - 3 Bedroo room (1850	d roads, and os, privacy f <u>GSF</u> 1,340 1,630 1,860 2,020 2,310 NSF/1500 C om (1650 N	GSM 124 150 172 187 215 GSF), E1-E4 SF/2050 G GSF); 04-0	on of d neig <b>F</b> <b>E</b> 6/3 Be SF);E 05 - 4	new sing hborhoo Project <u>Factor</u> 1.071 1.071 1.071 1.071 1.071 9.021 1.071 1.071 1.071 1.071 1.071	Cost <u>GSM</u> 732 732 732 732 732 732 (1420 NS 1-O3 - 4 n (2 180	Per No Units 14 18 34 2 3 71 F/1760 GSI Bedroom (2	Some lea (\$0 <u>To</u> 1,3 2,1 4,5 2 5 8,8 F) 020 NS	ad based 00) <u>tal</u> 361 31 585 193 506 876
eplacement/upgra umenities includin aint and asbestos <u>Paygrade</u> EI-E6 E7-E8/W1-0 04-05 04-05 Maximum size: E E <sup>7</sup> 04	ade of utility ng parking, e s removal is n 2 3 03 3 4 1-E6/2 Bedro 7-E-8/W1-O 4-05 - 3 Bedro t: 1,634 UN	systems and xterior pation necessary. <u>NSF</u> 1,080 1,310 1,500 1,629 1,863 poom (1210 H 3 - 3 Bedroor room (1850	d roads, and os, privacy f 1,340 1,630 1,860 2,020 2,310 NSF/1500 C 0m (1650 N NSF/2300 DEQUATE:	GSM 124 150 172 187 215 GSF), E1-E4 SF/2050 G GSF); 04-0 : 724 UN	on of d neig E 6/3 Be SF);E 05 - 4 S	new sing hborhoo Project <u>Factor</u> 1.071 1.071 1.071 1.071 1.071 edroom ( 7-E8/W Bedroor	Cost <u>GSM</u> 732 732 732 732 732 732 (1420 NS 1-O3 - 4 n (2 180	Per         No           Units         14           18         34           2         3           71         71           3F/1760         GSI           Bedroom (2         NSF/2700	Some lea (\$0 <u>To</u> 1,3 2,1 4,5 2 5 8,8 F) 020 NS	ad based 00) <u>tal</u> 361 31 585 193 506 876
eplacement/upgra umenities includin paint and asbestos Paygrade EI-E6 E7-E8/W1-0 04-05 04-05 Maximum size: E E' 04 I. Requirement <u>ROJECT</u> : Replace EQUIREMENT	ade of utility ng parking, e s removal is r <u>Bedroom</u> 2 3 03 3 4 01-E6/2 Bedro 7-E-8/W1-O 4-05 - 3 Bedro t: 1,634 UN ce-Military F : This project	systems and xterior pation necessary. NSF 1,080 1,310 1,500 1,629 1,863 poom (1210 H 3 - 3 Bedroor room (1850 1 Al family Houss t provides n	d roads, and os, privacy f 1,340 1,630 1,860 2,020 2,310 NSF/1500 C 0m (1650 N NSF/2300 DEQUATE: sing Phase I nodem and o	GSM 124 150 172 172 187 215 GSF), E1-E4 SF/2050 G GSF); 04-0 <b>724 UN</b> I (Current I efficient ho	on of d neig f E 6/3 Be SF);E 05 - 4 S Missio using	new sing shborhoo Project <u>Factor</u> 1.071 1.071 1.071 1.071 edroom ( 7-E8/W Bedroor UBSTA	Cost <u>GSM</u> 732 732 732 732 732 732 (1420 NS 1-O3 - 4 m (2 180 NDARD: nbers and	Per No Units 14 18 34 2 3 71 EF/1760 GSI Bedroom (2 NSF/2700 910 UN	Some lea (\$0 <u>To</u> 1,3 2,1 4,5 2 <u>5</u> 8,8 F) :020 NS GSF) the Uni	ad based (00) tal 561 31 585 193 506 576 F/2500 GSF f/2500 GSF
eplacement/upgra menities includin vaint and asbestos Pavgrade EI-E6 EI-E6 E7-E8/W1-0 04-05 04-05 Maximum size: E E 04 I. Requirement <u>ROJECT</u> : Replace EQUIREMENT ir Force Academ	ade of utility ng parking, e s removal is n 2 3 03 3 4 1-E6/2 Bedro 7-E-8/W1-O 4-05 - 3 Bedro t: 1,634 UN ce-Military F : This project ny. All units	systems and xterior pation necessary. NSF 1,080 1,310 1,500 1,629 1,863 Doom (1210 I 3 - 3 Bedroot room (1850 M Al Camily Houss t provides n will meet w	d roads, and os, privacy f <u>GSF</u> 1,340 1,630 1,860 2,020 2,310 NSF/1500 C om (1650 N NSF/2300 DEQUATE: sing Phase 1 nodem and 6 vhole house	GSM 124 150 124 150 172 187 215 GSF), E1-E4 SF/2050 G GSF); 04-0 <b>724 UN</b> I (Current I efficient ho standards a	on of d neig F <u>F</u> 6/3 Be SF);E 05 - 4 S SF);E 05 - 4 S Missic using und are	new sing hborhoo Project <u>Factor</u> 1.071 1.071 1.071 1.071 1.071 dedroom ( 7-E8/W Bedroon UBSTA on). for men e program	Cost <u>GSM</u> 732 732 732 732 732 732 (1420 NS 1-O3 - 4 m (2 180 NDARD: nbers and mmed in	Per No Units 14 18 34 2 3 71 F/1760 GSI Bedroom (2 NSF/2700 0 910 UN	Some lea (\$0 <u>To</u> 1,3 2,1 4,5 2 8,8 F) 020 NS GSF) the Uni with the	ad based <b>00)</b> <u>tal</u> <u>361</u> <u>31</u> <u>385</u> <u>393</u> <u>506</u> <u>576</u> F/2500 GSF ited States e Housing
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replacement/upgra amenities includin vaint and asbestos Pavgrade EI-E6 E7-E8/W1-0 04-05 04-05 04-05 Maximum size: E E 04 I. Requirement <u>ROJECT</u> : Replac EQUIREMENT vir Force Academ community Plan. community. This rovide a modem	ade of utility ng parking, e s removal is n 2 3 03 3 4 1-E6/2 Bedro 7-E-8/W1-O: 4-05 - 3 Bedro t: 1,634 UN ce-Military F : This project ny. All units The new hoo is the first p kitchen, livir	systems and xterior pation necessary. <u>NSF</u> 1,080 1,310 1,500 1,629 1,863 noom (1210 H 3 - 3 Bedrood room (1850 Main All family Houss t provides n will meet w using will p hase of the ng areas, bed	d roads, and os, privacy f 1,340 1,630 1,860 2,020 2,310 NSF/1500 G om (1650 N NSF/2300 DEQUATE: sing Phase 1 nodem and a chole house provide amen housing rep droom and b	GSM 124 150 172 187 215 GSF), E1-E SF/2050 G GSF); 04-0 c 724 UN I (Current I efficient ho standards a nities and s lacement p bath config	6/3 Be SF);E 5 - 4 Sind are pace u lan fo uration	new sing hborhoo Project <u>Factor</u> 1.071 1.071 1.071 1.071 1.071 1.071 Con Bedroon ( UBSTA on). for men e progratuse similar the Ac ns with a	Cost GSM 732 732 732 732 732 732 732 (1420 NS 1-O3 - 4 m (2 180 NDARD: nbers and mmed in lar to hou ademy. T ample int	Per No Units 14 18 34 2 3 71 F/1760 GSI Bedroom (2 NSF/2700 910 UN I families at accordance ising availab Che replacen erior and ex	Some lea (\$0 <u>To</u> 1,3 2,1 4,5 2 8,8 F) 020 NS GSF) the Unit with the ole in the nent hout tterior st	ad based <b>00)</b> <u>tal</u> <u>31</u> <u>35</u> <u>36</u> <u>376</u> F/2500 GSF ited States e Housing e off-base using will orage and a
Pavgrade amenities includin vaint and asbestos Pavgrade EI-E6 E7-E8/W1-0 04-05 04-05 04-05 Maximum size: E E 04 I. Requirement <u>ROJECT</u> : Replac EQUIREMENT vir Force Academ community Plan. community. This rovide a modem ingle car garage.	ade of utility ng parking, e s removal is n 2 3 03 3 4 1-E6/2 Bedro 7-E-8/W1-O: 4-05 - 3 Bedro t: 1,634 UN ce-Military F : This project ny. All units The new hou is the first p kitchen, livir Exterior parl	systems and xterior pation necessary. <u>NSF</u> 1,080 1,310 1,500 1,629 1,863 noom (1210 H 3 - 3 Bedrood room (1210 H 3 - 3 Bedrood room (1850 M 4 family Hous t provides n will meet w using will phase of the ng areas, bed king will be	d roads, and os, privacy f 1,340 1,630 1,860 2,020 2,310 NSF/1500 G om (1650 N NSF/2300 DEQUATE: sing Phase 1 nodem and a vhole house provide amer housing rep droom and b provided fa	GSM 124 150 172 187 215 GSF), E1-E SF/2050 G GSF); 04-0 5724 UN 1 (Current 1 efficient ho standards a nities and s lacement p bath configure or a second	6/3 Be 6/3 Be SF);E 05 - 4 S Missio using und are pace u lan fo uration l occu	new sing hborhoo Project <u>Factor</u> 1.071 1.071 1.071 1.071 1.071 edroom ( 7-E8/W Bedroon UBSTA on). for men e prograu use simil r the Ac ns with a pant veh	Cost GSM 732 732 732 732 732 732 732 (1420 NS 1-O3 - 4 m (2 180 NDARD: nbers and mmed in lar to hou ademy. T ample int nicle and	Per No Units 14 18 34 2 3 71 F/1760 GSI Bedroom (2 NSF/2700 910 UN I families at accordance using availab Che replacen erior and ex guests. The	Some lea (\$0 <u>To</u> 1,3 2,1 4,5 2 8,8 F) 0020 NS GSF) the Unit with the ole in the nent hou tterior st basic n	ad based <b>00)</b> <u>tal</u> <u>31</u> <u>35</u> <u>31</u> <u>35</u> <u>36</u> <u>506</u> <b>576</b> <b>F/2500 GSF</b> <b>ted States</b> <b>e Housing</b> <b>e off-base</b> <u>using will</u> orage and a <b>e ighborhood</b>
Pavgrade amenities includin vaint and asbestos Pavgrade EI-E6 E7-E8/W1-0 04-05 04-05 04-05 Maximum size: E E 04 I. Requirement <u>ROJECT</u> : Replac EQUIREMENT ir Force Academ community Plan. community. This rovide a modem ingle car garage. upport infrastruct	ade of utility ng parking, e s removal is n 2 3 03 3 4 1-E6/2 Bedro 7-E-8/W1-O 4-05 - 3 Bedra t: 1,634 UN ce-Military F : This project ny. All units The new hou is the first p kitchen, livir Exterior parl ture will be u	systems and xterior pation necessary. <u>NSF</u> 1,080 1,310 1,500 1,629 1,863 nom (1210 H 3 - 3 Bedrood room (1210 H 3 - 3 Bedrood room (1850 M 4 amily Houst t provides n will meet w using will p hase of the ng areas, bed king will be upgraded to	d roads, and os, privacy f 1,340 1,630 1,860 2,020 2,310 NSF/1500 C om (1650 N NSF/2300 DEQUATE: sing Phase 1 nodem and 6 vhole house provide amen housing rep droom and 1 e provided for meet moder	GSM 124 150 172 187 215 GSF), E1-E4 SF/2050 G GSF); 04-C c 724 UN I (Current I efficient ho standards a nities and s lacement p bath config or a second n housing p	6/3 Be 6/3 Be SF);E 5 - 4 S Missic using und are pace u lan fo uration l occu needs.	new sing hborhoo Project <u>Factor</u> 1.071 1.071 1.071 1.071 1.071 edroom ( 7-E8/W Bedroon UBSTA on). for men e prograu use simil r the Ac ns with a pant veh	Cost GSM 732 732 732 732 732 732 732 (1420 NS 1-O3 - 4 m (2 180 NDARD: nbers and mmed in lar to hou ademy. T ample int nicle and	Per No Units 14 18 34 2 3 71 F/1760 GSI Bedroom (2 NSF/2700 910 UN I families at accordance using availab Che replacen erior and ex guests. The	Some lea (\$0 <u>To</u> 1,3 2,1 4,5 2 8,8 F) 0020 NS GSF) the Unit with the ole in the nent hou tterior st basic n	ad based <b>00)</b> <u>tal</u> <u>31</u> <u>35</u> <u>31</u> <u>35</u> <u>36</u> <u>506</u> <b>576</b> <b>F/2500 GSF</b> <b>ted States</b> <b>e Housing</b> <b>e off-base</b> <u>using will</u> orage and a <b>e ighborhood</b>
Pavgrade amenities includin vaint and asbestos Pavgrade EI-E6 E7-E8/W1-0 04-05 04-05 04-05 Maximum size: E E 04 I. Requirement <u>ROJECT</u> : Replac EQUIREMENT vir Force Academ community Plan. community. This rovide a modem ingle car garage.	ade of utility ng parking, e s removal is n 2 3 03 3 4 1-E6/2 Bedro 7-E-8/W1-O 4-05 - 3 Bedra t: 1,634 UN ce-Military F : This project ny. All units The new hou is the first p kitchen, livir Exterior parl ture will be u	systems and xterior pation necessary. <u>NSF</u> 1,080 1,310 1,500 1,629 1,863 nom (1210 H 3 - 3 Bedrood room (1210 H 3 - 3 Bedrood room (1850 M 4 amily Houst t provides n will meet w using will p hase of the ng areas, bed king will be upgraded to	d roads, and os, privacy f 1,340 1,630 1,860 2,020 2,310 NSF/1500 C om (1650 N NSF/2300 DEQUATE: sing Phase 1 nodem and 6 vhole house provide amen housing rep droom and 1 e provided for meet moder	GSM 124 150 172 187 215 GSF), E1-E4 SF/2050 G GSF); 04-C c 724 UN I (Current I efficient ho standards a nities and s lacement p bath config or a second n housing p	6/3 Be 6/3 Be SF);E 5 - 4 S Missic using und are pace u lan fo uration l occu needs.	new sing hborhoo Project <u>Factor</u> 1.071 1.071 1.071 1.071 1.071 edroom ( 7-E8/W Bedroon UBSTA on). for men e prograu use simil r the Ac ns with a pant veh	Cost GSM 732 732 732 732 732 732 732 (1420 NS 1-O3 - 4 m (2 180 NDARD: nbers and mmed in lar to hou ademy. T ample int nicle and	Per No Units 14 18 34 2 3 71 F/1760 GSI Bedroom (2 NSF/2700 910 UN I families at accordance using availab Che replacen erior and ex guests. The	Some lea (\$0 <u>To</u> 1,3 2,1 4,5 2 8,8 F) 0020 NS GSF) the Unit with the ole in the nent hou tterior st basic n	ad based <b>00)</b> <u>tal</u> <u>31</u> <u>35</u> <u>31</u> <u>35</u> <u>36</u> <u>506</u> <b>576</b> <b>F/2500 GSF</b> <b>ted States</b> <b>e Housing</b> <b>e off-base</b> <u>using will</u> orage and a <b>e ighborhood</b>
eplacement/upgra amenities includin vaint and asbestos Pavgrade EI-E6 E7-E8/W1-0 04-05 04-05 04-05 Maximum size: E E 04 I. Requirement <u>ROJECT</u> : Replac <u>EQUIREMENT</u> ir Force Academ community Plan. community. This rovide a modem ngle car garage. ipport infrastruct	ade of utility ng parking, e s removal is n 2 3 03 3 4 1-E6/2 Bedro 7-E-8/W1-O 4-05 - 3 Bedra t: 1,634 UN ce-Military F : This project ny. All units The new hou is the first p kitchen, livir Exterior parl ture will be u	systems and xterior pation necessary. <u>NSF</u> 1,080 1,310 1,500 1,629 1,863 nom (1210 H 3 - 3 Bedrood room (1210 H 3 - 3 Bedrood room (1850 M 4 amily Houst t provides n will meet w using will p hase of the ng areas, bed king will be upgraded to	d roads, and os, privacy f 1,340 1,630 1,860 2,020 2,310 NSF/1500 C om (1650 N NSF/2300 DEQUATE: sing Phase 1 nodem and 6 vhole house provide amen housing rep droom and 1 e provided for meet moder	GSM 124 150 172 187 215 GSF), E1-E4 SF/2050 G GSF); 04-C c 724 UN I (Current I efficient ho standards a nities and s lacement p bath config or a second n housing p	6/3 Be 6/3 Be SF);E 5 - 4 S Missic using und are pace u lan fo uration l occu needs.	new sing hborhoo Project <u>Factor</u> 1.071 1.071 1.071 1.071 1.071 edroom ( 7-E8/W Bedroon UBSTA on). for men e prograu use simil r the Ac ns with a pant veh	Cost GSM 732 732 732 732 732 732 732 (1420 NS 1-O3 - 4 m (2 180 NDARD: nbers and mmed in lar to hou ademy. T ample int nicle and	Per No Units 14 18 34 2 3 71 F/1760 GSI Bedroom (2 NSF/2700 910 UN I families at accordance using availab Che replacen erior and ex guests. The	Some lea (\$0 <u>To</u> 1,3 2,1 4,5 2 8,8 F) 0020 NS GSF) the Unit with the ole in the nent hou tterior st basic n	ad based <b>00)</b> <u>tal</u> <u>31</u> <u>35</u> <u>31</u> <u>35</u> <u>36</u> <u>506</u> <b>576</b> <b>F/2500 GSF</b> <b>ted States</b> <b>e Housing</b> <b>e off-base</b> <u>using will</u> orage and a <b>e ighborhood</b>

AIR FORCE

## FY 2003 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

#### 3. INSTALLATION AND LOCATION

#### USAF ACADEMY, COLORADO

#### 4. PROJECT TITLE

#### **REPLACE FAMILY HOUSING, PHASE 1**

# 5. PROJECT NUMBER

#### XQPZ037225

<u>CURRENT SITUATION</u>: This project replaces housing constructed in 1959. These houses are showing the effects of heavy use and age. They have not received major upgrades since construction and do not meet current housing needs. All house infrastructure systems require major repair or replacement due to their age and effects of an alpine environment. Insulation in all units is substandard. Basement leaks and foundation failures are common. The electrical and plumbing systems are substandard. The interior spaces and layout is not adequate by today's housing standards. Bedrooms and baths are small, outdated, lack adequate storage and are generally inefficiently laid out for proper space utilization. Some asbestos and lead based paint is present in the units. These substances have been adequately contained, but will have to be dealt with upon demolition of the unit. Many units lack Ground Fault Interrupter protection. The HVAC units are outdated and inefficient. Lighting is antiquated and inadequate in all units. <u>IMPACT IF NOT PROVIDED</u>: Family housing will continue to deteriorate causing more expensive piecemeal repairs to occur. These repairs cost a significant amount of money without improving the quality of the living environment. Families will continue to live in substandard housing units because off-base affordable housing in increasingly difficult to define.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in Part II of the Military Handbook 1190 "Facility Planning and Design Guide." An economic analysis will be prepared comparing the alternatives of new construction and status quo operations. The cost to improve these housing units is greater than 70% of the replacement cost. Since this is replacement housing, there will be no increase in the student population or impact on the ability of local school districts to support base dependents. Base Civil Engineer: Col Scott Borges, DSN 333-2660.

D FORM 1391c, DEC 76 PAGE NO PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT 2. DATE FY 2003 MILITARY CONSTRUCTION PROJECT DATA AIR FORCE 3. INSTALLATION AND LOCATION USAF ACADEMY, COLORADO 4. PROJECT TITLE 5. PROJECT NUMBER **REPLACE FAMILY HOUSING, PHASE 1** XQPZ037225 12. SUPPLEMENTAL DATA: a. Estimated Design Data: Design/Build (1) Status: (a) Date Design Started 01 Aug 10 (b) Parametric Cost Estimate used to develop costs Ν (c) Percent Complete as of Jan 2002 35 (d) Date 35% Designed 01 Dec 10 (e) Date Design Complete 02 May 10 (f) Energy Study/Life-Cycle analysis was performed; (2) Basis: (a) Standard or Definitive Design -NO (b) Where design was most recently used -N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$660) ( a ) Production of Plans and Specifications 660 (b) All other Design Costs 0 (c) Total 660 (d) Contract 660 (e) In-house 03Mar (4) Construction Start (5) Construction Completion 04Jun b. Equipment associated with this project will be provided from other appropriations: N/A

MILITARY FAMILY HOUS	SING JUSTIFICATION	1. DATE OF REPOR Jan-96	Г		2. FISCAL	YEAR	REPORT C	ONTROL S	SYMBOL
B. DOD COMPONENT	4. REPORTING INST							., <b>.</b>	
AIR FORCE	a. NAME				b. LOCAT	FION			
5. DATA AS OF 1996	AF ACADE		Phase 1			COLORAD			
ANALYS	SIS	CURR					ECTED		
OF REQUIREMENTS	AND ASSETS	OFFICER	E9-E7 (b)	E6-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E7 (f)	E6-E1	TOTA
6. TOTAL PERSONNEL		(a)	(0)	(0)	(u)	(e)	(1)	(g)	(h)
		1,077	192	920	2,169	1,073	189	913	2,17
7. PERMANENT PARTY		1,077	192	920	2,189	<b>1,</b> /D73	189	913	2,170
3. GROSS FAMILY HOU		863	170	612	1,645	860	166	608	1,634
	_Y HOUSED (a + b + c)	37	2	32	71				
a. INVOLUNTARILY		n	0	0	0				
b. IN MILITARY HOU DISPOSED/REPL		37	2	32	71				
	HOUSED IN COMMUNIT		0	0	0				
D. VOLUNTARY SEPAR	ATIONS	0	0	0	0	0	0	0	0
1. EFFECTIVE HOUSING	REQUIREMENTS	863	170	612	1,645	860	166	608	1,634
2. HOUSING ASSETS (a	i + b)	822	262	500	1,584	820	260	495	1,575
a. UNDER MILITAR	YCONTROL	581	240	351	1,172	581	240	351	1,172
(1) HOUSED IN E OWNED/COI	NTROLLED	581	240	351	1,172	581	240	351	1,172
( )	TRACT/APPROVED					0	0	0	0
(3) VACANT		0	o	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSI	NG	241	22	149	412	239	20	144	403
(1) ACCEPTABL		241	22	149	412				
(2) ACCEPTABLI	E VACANT RENTAL	0	0	0	Ó				
. EFFECTIVE HOUSING	DEFICIT	41	(92)	112	61	40	(94)	113	59
. PROPOSED PROJEC	ſ					37	2	32	71

Item 12.a.(1): 910 on-base units are inadequate.

1. COMPONENT		FY 20	03 MIL	ITARY	GRAM	2. DATE				
AIR FORCE										
INSTALLATION AND	LOCATI	ON		COMM	AND:			5. ARE	A CONST	
DOVER AIR FORCE	BASE,			AIR MO	DBILITY	COMM	AND	COST I	NDEX	
DELAWARE				ſ				1.01		
6. Personnel	PF	RMANENT	-	S	UDEN	TS	SU	PPORTI		
strength	OFF	ENL	CIV		ENL		OFF			TOTAL
AS OF 30 SEP 01	375		1101	011		010				
END FY 2005	364	3294					66			5,30
			1071				66	227	7 15	5,037
7. INVENTORY DAT	A (\$000)									
Total Acreage:		3,857								
Inventory Total as of										213,937
Authorization Not Yet	in Invent	ory:								(
Authorization Reques	ted in this	s Program:								19,615
Authorization Include	d in the F	ollowing P	rogram	:	(FY 20	04)				19,888
Planned in Next Thre		•	0			,				41,385
Remaining Deficiency		5								ſ
Grand Total:										294,825
orana rotai.										294,025
8. PROJECTS REQU				A N A.				1		
	JESTED	IN THIS P	RUGR	AIVI:		(	(FY2003	•		
CATEGORY									DESIGN	
	PROJEC					<u>SCOPE</u>			TART	
711-142	Replace	Family Ho	using			112 UN		19,615	5 Jut-r-01	Jul-02
9a. Future Projects: I	ncluded i	in the Follo	owing F	Program	:		(FY 2004	4)		
711-142	Replace	Family Ho	using			112 UN		19,888		
		•	•							
9b. Future Projects:	<b>Evpical P</b>	anned Nex	xt Thre	e Years	:	(	FY05-0	7)		
-	• •	Family Hou				112 UN		20,285		
	•	Family Hou	•			112 UN		21,100		
	riopiaco		Joing					21,100		
9c. Real Propery Mai	ntononco	Packlog T	bic Inc	tallation						95,256
								A · -		,
10. Mission and Majo	r Functio	ns: An airli	ft wing	with two	o C-5 s	quadrons	s; and ar	h Air For	ce Reserve	e C-5
associate airlift wing.										

1. COMPONENT									2. DATE
AIR FORCE	F	Y 2003 N	MILITARY	CONS	STRUC	CTION	PROJEC	CT DATA	
3. INSTALLATION AND LO	CATION	l					CT TITLE	VHOUSING	
DOVER AIR FORCE B	ASE, 1	DELAWAF	RE		r	KEPLAC	E FAMIL	Y HOUSING	J, РП 2
5. PROGRAM ELEMENT	,		ORY CODE	7	. PROJI	ECT NUM	IBER	8. PROJEC	T COST (\$000)
88741			711-142		F.	T 0340	03A	1	9,615
				COSTE	IMAT	1 00 10	0.011	1	
	ITEI	И			U/M	QUAN	ΙΤΙΤΥ	UNIT COST	COST (\$000)
MILITARY FAMILY H SUPPORTING FACILIT SITE IMPROVEMENT UTILITIES STREETS LANDSCAPING DEMOLITION & ASH SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT CO SUPERVISION INSPEC TOTAL REQUEST	TIES TS BESTC OST	S REMOV		5.7%)	UN LS LS LS LS LS	11	12	119,402	13,373 <b>4,300</b> (533) (1,292) (678) (421) (1.376) 17,673 <u>884</u> 18,557 <u>1,058</u> 19,615
10. DESCRIPTION OF			NSTRUCTI	ON RI	lace 1	' units (	eight <b>/</b> h	ur unit row 1	mes) with all
necessary amenities and parking, patios, privacy f	suppor encing	ting faciliti , support ir	ies. Project nfrastructure	includes of stree	site pre ts and u	paration	, attached und utilitie	car garages, es and landsc	air conditioning,
demolition and asbestos	remova	l. 5% of t	he units cor	nstructed	will be	handica	p adaptabl	e.	
<u>Paygrade</u> <u>Bedro</u> EI-E6 2 EI-E6 3 EI-E6 4	<u>om</u>	<u>NSF</u> 1,081 1,315 1,573	<u>GSF</u> 1,340 1,630 1,950	<u>GSM</u> 124 150 181	<u> </u>	Project <u>Factor</u> 0.99 0.99 0.99	Cost I <u>GSM</u> 732 732 732	Per No <u>Units</u> 12 50 <u>50</u> 112	(\$000) <u>Total</u> 1,100 5,582 <u>6,691</u> 13,373
Maximumsize: E1-E6/2 E1-E-6/4			NSF/1500 ( NSF/2220 (		-E6/3 E	Bedroom	(1420 NS	F/1760 GSF)	)
<b>11. Requirement: 2,16</b> <u>PROJECT</u> : Replace-Milit <u>REQUIREMENT</u> : This p dependents stationed at D with the Housing Comm comparable to the off-bas bedroom and bath config garage and exterior parkin streets and utilities. This	tary Fa project Dover A unity F se civil uration ng for	mily Houst is required AFB. All un lan. The he ian commu- with ampl a second ve	to provide nits will me ousing will unity. The d e interior ar ehicle. Spa	e (Curren modem eet mode provide lesign wi nd exteri ce will a	t Missie and effi m housi a safe, 11 provi or storag 1so be p	on). cient hou ing stand comforta de a moo ge. 'Uni provided	ards and a ble, and a dem kitche its will be for an ade	nilitary mem are programm ppealing livi en, living roo provided wit equate suppor	ned in accordance ng environment om, family room h a single car rt infrastructure of

AIR FORCE

## FY 2003 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

#### 3. INSTALLATION AND LOCATION

#### DOVER AIR FORCE BASE, DELAWARE

## 4. PROJECT TITLE

#### **REPLACE FAMILY HOUSING, PH2**

5.	PROJECT	NUMBER
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### FJXT 034003A

CURRENT SITUATION: These existing housing units were constructed in the late 1950s; they show the effects of age and heavy use. They have had no major upgrades since construction, and they do not meet the needs of today's families, nor do they provide a modem home environment. Walls, foundations and exterior pavements require major repair or replacement due to age. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency and safety. Interiors are generally inadequate by modem criteria. Bathrooms are small and lack adequate closet space; kitchens have insufficient cabinets, storage and counter space. Lighting, heating and air conditioning systems require upgrade or replacement.

IMPACT IF NOT PROVIDED: Air Force members and families will continue to be inadequately housed. Low morale and retention problems can be expected since comparable, affordable off-base housing is not available. Units will continue to deteriorate resulting in escalating operations, maintenance and repair costs to the Government. ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". Since this is replacement housing, there will be no increase in the student population or impact on the ability of the local school district to support base dependents. An economic analysis has been prepared comparing the alternatives of new construction, acquisition and status quo operation. Based on the net present value and benefits of the respective alternatives, replacement was found to be the most cost effective over the life of the project. The cost to improve these units is 80% of the replacement cost. The construction agent for this project will be the U. S. Army Corps of Engineers resulting in SIOH costs of 5.7%. Base Civil Engineer: Lt Col Nathan G. Macias, (302) 677-6768.

1. COMPONENT			2. DATE
	FY 2003 MILITARY CONSTRUCTION PRO		
AIR FORCE			
3. INSTALLATION AND LOO	CATION		
DOVER AIR FORCE B	ASE DELAWARE		
4. PROJECT TITLE	ASE, DELAWARE	5. PROJECT NUMBE	R
			<b>~</b> .
REPLACE FAMILY HO		FJXT03400	3A
12. SUPPLEMENTAL I			Design/Duild
a. Estimated Design Data	.:		Design/Build
(1) Status:			
(a) Date Desig	n Started		01 Aug 10
	Cost Estimate used to develop costs		Ň
	mplete as of Jan 2002		35
(d) Date 35%			01 <b>Dec</b> 10
(e) Date Desig			02 May 10
	udy/Life-Cycle analysis was performed;		
(2) Basis:			NO
	Definitive Design -		
(b) Where desig	n was most recently used -		N/A
(3) Total Cost ( c ) =	= (a) + (b)  or  (d) + (e):		(\$785)
	of Plans and Specifications		785
(b) All other D			0
(c) Total	6		785
(d) Contract			785
(e) In-house			
(4) Construction Sta	ırt		03Mar
(5) Construction Co	ompletion		04Jun
b. Equipment associated	with this project will be provided from other appropriation	ons: N/A	

MILITARY FAMILY HOUS	ING JUSTIFICATION	1. DATE OF REPO Jun-01			2. FISCAL	. YEAR	REPORT ( DD-A&L(A	CONTROL S R)1716	SYMBOL
3. DOD COMPONENT	4. REPORTING INST	ALLATION							
AIR FORCE	a. NAME				b. LOCA	TION			
5. DATA AS OF 2000	DOVER AF	В	Phase 2			DELAWAR	E		
ANALYS	SIS	CUF	RRENT			PRO	IECTED		
OF		OFFICE	R E9-E7	E6-E1	TOTAL	OFFICER	E9-E7	E6-E1	TOTĂ
REQUIREMENTS		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
5. TOTAL PERSONNEL S	TRENGTH								
		360	391	2,953	3,704	357	391	2,952	3,700
7. PERMANENT PARTY I	PERSONNEL			1					
		360	391	2,953	3,704	357	391	2,952	3,700
B. GROSS FAMILY HOUS	ING REQUIREMENTS								
		262	360	1,687	2,309	260	360	1,687	2,307
9. TOTAL UNACCEPTAB	LY HOUSED (a + b + c)			1 100					
		2	4	130	136				
a. INVOLUNTARILY	SEPARATED	0	0	0	0				
b. IN MILITARY HOU		<u></u>		U	U				
DISPOSED/REPL		2	4	130	136				
	HOUSED IN COMMUNIT			130	130				
C. UNACCEFTABLE		'   o	0	0	0				
0. VOLUNTARY SEPARA	TIONS			<u> </u>					1. 1
		1	29	110	140	1	29	110	140
1. EFFECTIVE HOUSING	REQUIREMENTS					- 11 J. 17	2		
		261	331	1,577	2,169	259	331	1,577	2,167
2. HOUSING ASSETS (a	+ b)			•	1				
	-1	263	335	1.483	2.081	259	331	1.465	2,055
a. UNDER MILITARY	CONTROL		a and a second						1
		128	211	1,097	1,436	126	207	1,079	1,412
(1) HOUSED IN E	XISTING DOD		1	1					
OWNED/CON	ITROLLED	126	207	1,079	1,412	126	207	1,079	1,412
(2) UNDER CON	RACT/APPROVED								
						0	0	0	0.2
(3) VACANT									
		0	0	0	0				
(4) INACTIVE									
		2	4	18	24				,
b. PRIVATE HOUSING	IG								
		135	124	386	645	133	124	386	643
(1) ACCEPTABLY	HOUSED	44-	404	200					
		135	124	386	645				
(2) ACCEPTABLE	VACANT RENTAL	0	0	o	0				
	DEFICIT		V	U. Handdarf fritaf 1911	1977. <b>U</b> (1997) 1977 - U (1997)	a shi ta			
3. EFFECTIVE HOUSING	DEFIGIT	(1)	14	94	88	0	0	112	112
			(4)			V	V	: 12	112
4. PROPOSED PROJECT						0	0	112	112
						v	v	114	114

Item 12.a.: 24 additional units to be demolished. Item 12.a.(1): 954 on-base units are inadequate.

1. COMPONENT		EY 20	03 MII	ITARY	CONST	RUCTIC	N PRO		2. DATE	
AIR FORCE		1 1120								
INSTALLATION AND		ON		COMM				5 ARE	A CONST	
EGLIN AIR FORCE						IATERIA	J	COST I		
	D/ (OL, 1 L			СОММ				0.82		
6. Personnel	DE	RMANEN	-			19	9	IPPORTE		
strength	OFF	ENL			ENL		OFF	ENL		τοται
AS OF 30 SEP 01			6016			CIV				TOTAL
END FY 2005	1294 1310	5698					55			13,709
			2991				55	276	370	13,844
i'. INVENTORY DAT	A (\$000)									
fotal Acreage:	(00.0	453,594								
Inventory Total as of										0
Authorization Not Yes		•								0
Authorization Reques										<b>15,90</b> 6
Authorization Include			rogram	):	(FY 200	)4)				1 <b>6,17</b> 0
Planned in Next Thre		Program:								50,437
Remaining Deficiency	y:									0
Grand Total:										<b>82,51</b> 3
8. PROJECTS REQU	JESTED I	N THIS P	ROGR	AM:			(FY 200	3)		
CATEGORY								COST	DESIGN	STATUS
<u>ÇODE</u>	<b>PROJEC</b>	<u>T TITLE</u>				<u>SCOPE</u>		<u>\$,000 S</u>	TART (	CMPL
7'11-142	Replace	Family Ho	using			134 UN		15,906	3 Jun-01	Jul-0:2
S)a. Future Projects:	Included i	n the Follo	owing F	Program			(FY 2004	4)		
7'11-142	Replace	Family Ho	using	-		120 UN	· ·	<sup>′</sup> 16,170		
			•							
9b. Future Projects:	Typical Pl	anned Ne	xt Thre	e Years	:		(FY05-0	7)		
7'11-142	•••	Family Ho				115UN	•	16,491		
7'11-142	•	Family Ho	-			115UN		16,791		
7′11-142		Family Ho				110 UN		17,155		
		,	0					,		
9 <b>c</b> . Real Propery Mai	ntenance	Backlog T	his Ins	tallation						123,856 <b>5</b>
10. Mission or Major						hich is ro	enoneihl	o for do	volonmont	120,0000
acquisition, testing, d										
al weapons testing wi										
	-	-	•					-		
the Munitions Directo	rate of ter	AIF FORCE	Resea	Irch Lab	oratory;	and a s	pce surv	elliances	squadron.	

1. COMPONENT					2. DATE	
	TY 2003 MILITARY COM	ISTRU	CTION PRO.	JECT DATA		
AIR FORCE 3. INSTALLATION AND LOCATIO	NI					
3. INSTALLATION AND LOCATIO	N		4. PROJECT TIT	LE MILY HOUSING	PHASE 2A	
EGLIN AIR FORCE BASE, H	FLORIDA				THINDL 21	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER 8. PROJECT			COST (\$000)	
00741	741 711-142 FTFA0340 13					
88741	9. COST E				5,906	
-	0.0001				COST	
ITE		U/M	QUANTITY	UNIT COST	(\$000)	
MILITARY FAMILY HOUSI	NG	UN	134	90,634	12,145	
SUPPORTING FACILITIES SITE IMPROVEMENTS					2,186	
UTILITIES		LS LS			(325)	
STREETS		LS			(440) (437)	
LANDSCAPING					(187)	
DEMOLITION & ASBESTO	OS REMOVAL	LS			(395)	
REPLACE HOUSING OFFI		LS			(402)	
SUBTOTAL		20			14,331	
CONTINGENCY (5%)					717	
TOTAL CONTRACT COST					15,048	
SUPERVISION INSPECTION	AND OVERHEAD (5.7%)				<u>858</u>	
TOTAL REQUEST					15,906	
AREA COST FACTOR	0.82			· · · · ·	1.1 11	
10. DESCRIPTION OF PROP						
necessary amenities and support conserving features, parking, ex-						
neighborhood playgrounds, rec					unities,	
neighborhood playgrounds, ree	reation areas, landscaping, de	montion	and hazardous	waste removal.		
			Project Cost	Per No	(\$000)	
Paygrade Bedroom	<u>NSF GSF GS</u>		Factor GS		Total	
EI-E6 3	1,310 1,630 15 <sup>°</sup>	1	0.820 73	<b>2</b> 134	12,145	
Maximum size: El -E6/3 Bedro	om (1420 NSF/1 760 GSF)					
11 Boguiromont: 2 060 LIN				ARD: 1,550 UN		
11. Requirement: 3,060 UN	ADEQUATE: 1,510	JUN	SUBSTANDA	ARD. 1,550 UN		
PROJECT: Replace-Military Fa	amily Housing Phase 24 (Cu	rrent Mi	ssion)			
<u>i Koster</u> . Kepiace-winitaly P	uning mousing mase 2A (Cu					
<b>REQUIREMENT:</b> Project is re	quired to provide modem and	efficient	t replacement ho	using for militar	v members and	
their dependents stationed at Eg						
provide a safe, comfortable, and						
the second of multiple phases to						
modem kitchen, living room fa						
and attached single car garage.	•	0			0	
basic neighborhood support inf	rastructure will be upgraded to	o meet n	nodem housing	needs.		
DD FORM 1391, DEC 76	PREVIOUS EDITIONS			Y		
PAGE NO			L EXHAUSTED			

COMPONENT

AIR FORCE

## FY 2003 MILITARY CONSTRUCTION PROJECT DATA

3. INSTALLATION AND LOCATION

#### EGLIN AIR FORCE BASE, FLORIDA

4. PROJECT TITLE

#### **REPLACE FAMILY HOUSING, PHASE 2A**

5.	PROJECT	NUMBER

FTFA0340 13

<u>CURRENT SITUATION</u>: The project replaces 134 housing units, which were constructed in 1952. These 5 1 year old houses are showing the affects of age and continuous heavy use. They have had no major upgrades since construction and do not meet the needs of today's families, nor do they provide a modem home environment. Roofs, walls, foundations and exterior pavements require major repair or replacement due to the effects of age and environment. Roof structures show signs of rot; leaks have made already inadequate insulation even less effective. Foundations and pavements are showing signs of failure due to settlement. Housing interiors are inadequate by modem criteria with small bedrooms, lacking ample closet space. Fixtures are outdated and energy inefficient. Kitchens have little storage and counter space, with antiquated cabinets, countertops and badly worn, marred sinks. Flooring throughout the house is outdated. Plumbing and electrical systems do not meet current building codes. There is no Ground Fault Interrupter circuit protection and many electrical outlets lack grounding protection. Lighting systems including heating and air conditioning systems require upgrade and replacement

<u>IMPACT IF NOT PROVIDED</u>: Major morale problems will continue if this replacement is not initiated. Some personnel will continue to occupy substandard housing. Adequate, affordable off-base housing is very limited while subseptable to seasonal fluctuations in availability and rental cost. Without this and subsequent phases of this initiative, costly piecemeal repairs will continue out of necessity with no improvement in the living quality.

<u>ADDITIONAL</u>: An economic **analysis** has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". There will be no increase in the student population or impact on the ability of the local school district to support base dependents since this is replacement housing. The cost to improve this housing is 96% of the replacement cost. Project must adhere to the OSD mandate to comply with the new Department of Defense **Antiterrorism/Force** Protection minimum construction standards as directed for Military Family Housing. The construction agent for this project is the Army Corps of Engineers resulting in 5.7% SIOH costs. Base Civil Engineer: **Col** Purvis, DSN 872-2876.

FY 2003 MILITARY CONSTRUCTION PLANT         AIR FORCE         3. INSTALLATION AND LOCATION         EGLIN AIR FORCE BASE, FLORIDA         4. PROJECT TITLE         REPLACE FAMILY HOUSING, PHASE 2A         12. SUPPLEMENTAL DATA:         a. Estimated Design Data:	5. PROJECT NUMB	ER
EGLIN AIR FORCE BASE, FLORIDA 4. PROJECT TITLE REPLACE FAMILY HOUSING, PHASE 2A 12. SUPPLEMENTAL DATA:		ER
4. PROJECT TITLE REPLACE FAMILY HOUSING, PHASE 2A 12. SUPPLEMENTAL DATA:		ER
REPLACE FAMILY HOUSING, PHASE 2A 12. SUPPLEMENTAL DATA:		ER
12. SUPPLEMENTAL DATA:	FTFA0340	
		13
a. Estimated Design Data:		
-		Design/Build
(1) Status:		
(a) Date Design Started		01 Aug 25
(b) Parametric Cost Estimate used to develop costs		Ν
(c) Percent Complete as of Jan 2002		35
(d) Date 35% Designed		01 Dec 20
(e) Date Design Complete		02 May 20
<ul><li>( f ) Energy Study/Life-Cycle analysis was performed;</li><li>(2) Basis:</li></ul>		
(2) Dasis. (a) Standard or Definitive Design -		NO
(b) Where design was most recently used -		N/A
		10/11
(3) Total Cost $(c) = (a) + (b)$ or $(d) + (e)$ :		(\$640)
(a) Production of Plans and Specifications		640
(b) All other Design Costs		(
(c) Total		640
(d) Contract		640
(e) In-house		
(4) Construction Start		03 Apr
(5) Construction Completion		04 Jul
. Equipment associated with this project will be provided from other appropria	ntions: N/A	

AILITARY FAMILY HOUS	ING JUSTIFICATION	1. DATE OF RE				2. FISCAL 2003	YEAR	DD-A&L(A	CONTROL S	YMBOL
L DOD COMPONENT	4. REPORTING INST	May-0 ALLATION				2003				
AIR FORCE	a. NAME					b. LOCATION				
, DATA AS OF	EGLIN AF	В				FLORIDA				
2001									_	
OF			FICER	E9-E7	E6-E1			CER E9-I		
REQUIREMENTS			(a)	(b)	(c)	(d)	(e)	(f)	<u>  (g)  </u>	(h)
i. TOTAL PERSONNEL	STREINGTH	1.2	957 I	777	5,132	7,166	1,237	769	5,066	7.072
PERMANENT PARTY	PERSONNEL		.07	1	0,102	1,100	1,201		0,000	1
'. PERMANENT PARTY PERSONNEL			57	777	5,132	7,166	1,237	769	5,066	7,072
GROSS FAMILY HOUS	SING REQUIREMENTS	78	8	477	1,864	3,129	775	473	1,846	3,094
TOTAL UNACCEPTABL	Y HOUSED (a + b + c)	0	1.	0	134	134				
a. INVOLUNTARILY	SEPARATED	0		0	0	0				
b. IN MILITARY HOU DISPOSED/REPLA		0		0	134	134				
	HOUSED IN COMMUNIT	ry 0		0	0	0				
D. VOLUNTARY SEPARA	TIONS	18	3	17	2	- s⊲. 37	16	17	1	34
1. EFFECTIVE HOUSING	REQUIREMENTS	77	0	460	1,862	3.092	759	456	1,845	3,666
2. HOUSING ASSETS (a	+ b)	77	2	418	1,729	2,919	759	418	1,711	2,888
a. UNDER MILITARY	CONTROL	21	5	24	1,517	1,756	215	24	1.517	ı 1,766
(1) HOUSED IF E OWNED/CON		21	5	24	1,517	1,756	215	24	1,517	1,756
	TRACT/APPROVED		- I			73, 93, 067, 688 <b>-</b> 2011, 112 - 112	0	0	0	0
(3) VACANT		0		0	0	0				
(4) INACTIVE		0		0	0	0				
b. PRIVATE HOUSIN	IG	55	7	394	212	1,163	544	394	194	1,132
(1) ACCEPTABLY	HOUSED	55	7	394	212	1,163				
(2) ACCEPTABL	EVACANTRENTAL	0	Ī	0	0	0				
3. EFFECTIVE HOUSING	DEFICIT	2	<b>)</b>	42	133	173	0	38	134	172
4. PROPOSED PROJECT			remaining of the second				0	0	134	134

Item 12.a.(1): 1550 on-base units are inadequate.

319 units used by Hurlburt AFB are not included in this inventory.

) FORM 1523, NOV 90

AIR FORCE	FY 2003 MILITARY C (comput	CONSTRUCT		T DATA	2. DATE
3. INSTALLATION AND	LOCATION		4. PROJECT	TITLE	I
EGLIN AIR FORCE BAS	E, FLORIDA		REPLACE HO	USING OFFIC	E
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROT	ECT NUMBER		
<u> </u>	<u>9. COST_E</u>	STIMATES		UNIT	COST
	ITEM	U/M	OUANTITY		
FAM HSG MGT OFC		SM	520	867	451
SUPPORTING FACILITIE	ŝs				88
UTILITIES		LS			(20)
PAVEMENTS		LS			(45)
SITE IMPROVEMENTS		LS			( 23)
SUBTOTAL					539
CONTINGENCY (5%)					27
I'OTAL CONTRACT COST					566
SUPERVISION, INSPECT	ION AND OVERHEAD (5.5	5%)			31
1'OTAL REQUEST					597
AREA COST FACTOR		. 82			
	10 KW.				
Air Conditioning: 11. REQUIREMENT: 5		UATE: OS	SM	SUBSTANDA	ARD: 389 SM
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr	520 SM ADEQ				
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr Division and Facilit	520 SM ADEQ covides for construction ies Branch.	n of a n	ew facility	to support	the Housing
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr Division and Facilit <u>REQUIREMENT:</u> An ade	520 SM ADEQ covides for construction ies Branch. equate facility is requ:	n of a n ired to j	ew facility provide com	to support	the Housing rel services and
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr Division and Facilit <u>REQUIREMENT:</u> An ade a full range of pers	520 SM ADEQ covides for construction ies Branch.	n of a no ired to p eligible	ew facility provide com e DOD perso	to support plete refer: nnel in loca	the Housing rel services and ating suitable
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr Division and Facilit <u>REQUIREMENT:</u> An ade a full range of pers nondiscriminatory co usually the first st	520 SM ADEQ covides for construction des Branch. equate facility is requi- sonal assistance to all mmunity housing. A rela- cop for arriving travel	n of a no ired to p eligible axing env -worn pes	ew facility provide com e DOD perso vironment i rsonnel and	r to support plete refer: nnel in loca s desired si their depen	the Housing rel services and ating suitable ince this is ndents. The
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr Division and Facilit <u>REQUIREMENT:</u> An ade a full range of pers mondiscriminatory co usually the first st facility must be loc	520 SM ADEQ covides for construction dies Branch. equate facility is required sonal assistance to all mmunity housing. A rela- cop for arriving travel- cated for convenient acc	n of a no ired to p eligible axing env -worn per cess by a	ew facility provide com e DOD perso vironment i rsonnel and arriving pe	to support plete referm nnel in loca s desired si their depen rsonnel and	the Housing rel services and ating suitable ince this is ndents. The those already
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr Division and Facilit <u>REQUIREMENT:</u> An ade a full range of pers mondiscriminatory co usually the first st facility must be loc assigned to base hou	520 SM ADEQ covides for construction dies Branch. equate facility is requi- sonal assistance to all mmunity housing. A rela- cop for arriving travel- stated for convenient acc ssing. It must be handi	n of a n ired to p eligible axing env -worn per cess by a cap-acces	ew facility provide com a DOD perso vironment i rsonnel and arriving pe ssible and	to support plete referminnel in loc s desired si their deper rsonnel and have adequat	the Housing rel services and ating suitable ince this is ndents. The those already te parking for
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr Division and Facilit <u>REQUIREMENT:</u> An ade a full range of pers nondiscriminatory co usually the first st facility must be loc assigned to base hou vehicles pulling tra	520 SM ADEQ covides for construction dies Branch. equate facility is required sonal assistance to all mmunity housing. A rela- cop for arriving travel- cated for convenient acc	n of a n eligible axing env -worn per cess by a cap-acces which ma	ew facility provide com > DOD perso vironment is rsonnel and arriving pe ssible and ay be used	to support plete referment nnel in loca s desired si their deper rsonnel and have adequate by arriving	the Housing rel services and ating suitable ince this is ndents. The those already te parking for personnel. The
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr Division and Facilit <u>REQUIREMENT:</u> An ade a full range of pers nondiscriminatory co usually the first st facility must be loc assigned to base hou vehicles pulling tra facility must provide administrative space	ADEQ covides for construction ies Branch. equate facility is requi- sonal assistance to all mmunity housing. A rela- cop for arriving travel- stated for convenient acc ssing. It must be handi ilers and small trucks e office space, a confe , a reception and custo	n of a n eligible axing env -worn per cess by a cap-acces which ma erence ro omer wait	ew facility provide com > DOD perso vironment is rsonnel and arriving pe ssible and ay be used com, privat	plete referm mnel in loca s desired si their dependent rsonnel and have adequate by arriving e counseling storage space	the Housing rel services and ating suitable ince this is ndents. The those already te parking for personnel. The g rooms, ce for equipment
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr Division and Facilit <u>REQUIREMENT:</u> An ade a full range of pers mondiscriminatory con- usually the first st facility must be loc assigned to base hour vehicles pulling transfacility must provide administrative space and publications, an	ADEQ covides for construction ies Branch. equate facility is requi- sonal assistance to all mmunity housing. A rela- cop for arriving travel- stated for convenient acco- sing. It must be handi ilers and small trucks e office space, a confe- , a reception and custo d interior and exterior	n of a n eligible axing en- -worn per cess by a cap-acces which ma erence re omer wait c play an	ew facility provide com > DOD perso vironment is rsonnel and arriving pe ssible and ay be used com, privat	plete referm mnel in loca s desired si their dependent rsonnel and have adequate by arriving e counseling storage space	the Housing rel services and ating suitable ince this is ndents. The those already te parking for personnel. The g rooms, ce for equipment
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr Division and Facilit <u>REQUIREMENT:</u> An ade a full range of pers mondiscriminatory con- usually the first st facility must be local assigned to base hour vehicles pulling tra- facility must provide administrative space and publications, an Landscaping is neede	520 SM ADEQ covides for construction des Branch. equate facility is requi- sonal assistance to all mmunity housing. A rela- cop for arriving travel- stated for convenient accor- sing. It must be handi- ilers and small trucks e office space, a confe- , a reception and custor d interior and exterior d to enhance customer a	n of a n eligible axing env- worn per cess by a cap-acces which ma erence ro omer wait play an ppeal.	ew facility provide com a DOD perso vironment is rsonnel and arriving pe ssible and ay be used is com, privat ing room, reas for ch	to support plete referminnel in loca s desired since their dependent rsonnel and have adequate by arriving e counseling storage space	the Housing rel services and ating suitable ince this is ndents. The those already te parking for personnel. The g rooms, ce for equipment ustomers.
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr Division and Facilit <u>REQUIREMENT:</u> An ade a full range of pers nondiscriminatory co usually the first st facility must be loc assigned to base hou vehicles pulling tra facility must provide administrative space and publications, an Landscaping is neede <u>CURRENT SITUATION:</u>	ADEQ covides for construction ies Branch. equate facility is requi- sonal assistance to all mmunity housing. A rela- cop for arriving travel- stated for convenient acco- sing. It must be handi ilers and small trucks e office space, a confe- , a reception and custo d interior and exterior	n of a n eligible axing env -worn per cess by a cap-acces which ma erence ro mer wait play an ppeal.	ew facility provide com a DOD perso vironment is rsonnel and arriving pe ssible and ay be used boom, privat ting room, reas for ch is located	to support plete referminel in loc. s desired since their dependent roonnel and have adequate by arriving e counseling storage space ildren of con-	the Housing rel services and ating suitable ince this is ndents. The those already te parking for personnel. The g rooms, ce for equipment ustomers.
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr Division and Facilit <u>REQUIREMENT:</u> An ade a full range of pers nondiscriminatory con usually the first st facility must be loca assigned to base hou vehicles pulling tra facility must provide administrative space and publications, an Landscaping is neede <u>CURRENT SITUATION:</u> converted Wherry house privacy necessary for	520 SM ADEQ covides for construction dies Branch. equate facility is requi- sonal assistance to all mmunity housing. A rela- cop for arriving travel- sated for convenient acc sing. It must be handi dilers and small trucks e office space, a confe , a reception and custo d interior and exterior d to enhance customer a The existing management sing unit that was buil or the housing officer of	n of a n eligible axing env- worn per cap-acces which ma erence ro omer wait play an ppeal. office t in 194 of the re	ew facility provide com a DOD perso vironment is rsonnel and arriving pe ssible and ay be used is com, privat ting room, reas for ch is located a. This fa eferral off	to support plete referment s desired since their depend rsonnel and have adequate by arriving e counseling storage space ildren of count across the cility does ice and count	the Housing rel services and ating suitable ince this is ndents. The those already te parking for personnel. The g rooms, ce for equipment ustomers. street in a not provide the nselors.
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr Division and Facilit <u>REQUIREMENT:</u> An ade a full range of pers nondiscriminatory con- usually the first st facility must be loce assigned to base hour vehicles pulling transit facility must provide administrative space and publications, and Landscaping is needed <u>CURRENT SITUATION:</u> converted Wherry hours privacy necessary for Customers awaiting s	520 SM ADEQ covides for construction ies Branch. equate facility is requi- sonal assistance to all mmunity housing. A rela- cop for arriving travel- sated for convenient acc sing. It must be handi illers and small trucks e office space, a confe , a reception and custo d interior and exterior d to enhance customer a The existing management sing unit that was buil or the housing officer of pervice must stand in the	n of a n eligible axing en- -worn per cess by a cap-acces which ma erence ro omer wait play an oppeal. office t in 194 of the re- he hallw	ew facility provide com a DOD perso vironment in rsonnel and arriving pe ssible and ay be used bom, privat ting room, reas for ch is located a. This fa eferral off ay because	to support plete referment s desired sides their dependent have adequate have adequate by arriving e counseling storage space ildren of count across the cility does ice and count of lack of s	the Housing rel services and ating suitable ince this is ndents. The those already te parking for personnel. The g rooms, ce for equipment ustomers. street in a not provide the nselors. space. The run-
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr Division and Facilit <u>REQUIREMENT:</u> An ade a full range of pers nondiscriminatory con- usually the first st facility must be local assigned to base hour vehicles pulling transfacility must provide administrative space and publications, and Landscaping is needed <u>CURRENT SITUATION:</u> converted Wherry hours privacy necessary foo Customers awaiting st down condition of th	ADEQ covides for construction ies Branch. equate facility is requi- sonal assistance to all mmunity housing. A rela- cop for arriving travel- stated for convenient acco- sing. It must be handi- ilers and small trucks e office space, a confe- , a reception and custor d interior and exterior d to enhance customer a The existing management sing unit that was buil or the housing officer of ervice must stand in the be building does not pro-	n of a n eligible axing env- worn per cess by a cap-acces which ma erence re omer wait play an ppeal. office t in 194 of the re he hallw. ovide a p	ew facility provide com provide com provide com provide com provide com provide com provide solution professional professi	to support aplete referment of their dependent s desired so their dependent rsonnel and have adequate by arriving e counseling storage space ildren of con- across the cility does ice and cour of lack of so	the Housing rel services and ating suitable ince this is ndents. The those already te parking for personnel. The g rooms, ce for equipment ustomers. street in a not provide the nselors. space. The run- e to visiting
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr Division and Facilit <u>REQUIREMENT:</u> An ade a full range of pers nondiscriminatory con- usually the first st facility must be local assigned to base hour vehicles pulling transfacility must provide administrative space and publications, and Landscaping is needed <u>CURRENT SITUATION:</u> converted Wherry hours privacy necessary for Customers awaiting st down condition of the personnel and degrad	520 SM ADEQ covides for construction ies Branch. equate facility is requi- sonal assistance to all mmunity housing. A rela- cop for arriving travel- sated for convenient acc sing. It must be handi illers and small trucks e office space, a confe , a reception and custor d interior and exterior d to enhance customer a The existing management sing unit that was buil or the housing officer of pervice must stand in the	n of a n ired to p eligible axing env- worn per cess by a cap-acces which ma erence ro omer wait play an ppeal. office t in 194 of the re he hallway ovide a p ealtors,	ew facility provide com provide com provide com provide com provide com provide com provide com professiona professiona brokers, b	to support aplete referment of their dependent s desired sides their dependent rsonnel and have adequate by arriving e counseling storage space ildren of count across the cility does ice and count of lack of s l atmosphere puilders, ap	the Housing rel services and ating suitable ince this is ndents. The those already te parking for personnel. The g rooms, ce for equipment ustomers. street in a not provide the nselors. space. The run- e to visiting wartment managers,
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr Division and Facilit <u>REQUIREMENT:</u> An ade a full range of pers mondiscriminatory con- usually the first st facility must be local assigned to base hour vehicles pulling tra- facility must provide administrative space and publications, and Landscaping is needed <u>CURRENT SITUATION:</u> converted Wherry hours privacy necessary for Customers awaiting st down condition of the personnel and degrade and families arrangicustomer is in the or-	ADEQ covides for construction ies Branch. equate facility is requi- sonal assistance to all mmunity housing. A rela- cop for arriving travel- sated for convenient acco- sing. It must be handi- ilers and small trucks e office space, a confe- d interior and exterior d to enhance customer a The existing management sing unit that was buil or the housing officer of the building does not pro- des employee morale. Re- ing moves or filing comp ffice for 30-45 minutes	n of a n eligible axing en- -worn per cess by a cap-acces which ma erence re omer wait play an ppeal. office t in 194 of the re he hallw ovide a p ealtors, laints a a and is	ew facility provide com a DOD perso vironment is rsonnel and arriving pe ssible and ay be used bom, privat ing room, reas for ch is located 8. This fa eferral off ay because professiona brokers, h iso use this assisted in	to support aplete referment of their dependent s desired sides their dependent roomed and have adequate by arriving e counseling storage space ildren of cour across the cility does ice and cour of lack of se atmosphere puilders, ap is facility.	the Housing rel services and ating suitable ince this is ndents. The those already te parking for personnel. The g rooms, ce for equipment ustomers. street in a not provide the nselors. space. The <b>run</b> - e to visiting artment <b>mnagers</b> , The average is of housing.
11. REQUIREMENT: 5 <u>F'ROJECT:</u> Project pr Division and Facilit <u>REQUIREMENT:</u> An ade a full range of pers condiscriminatory con- usually the first st facility must be local assigned to base houry vehicles pulling tra- facility must provide administrative space and publications, an <u>Candscaping</u> is needed <u>CURRENT SITUATION:</u> converted Wherry hours converted Wherry hours converted Wherry hours converted wherry hours converted wherry hours converted and the provided and families arranging customer is in the or- faintenance problems	ADEQ covides for construction ies Branch. equate facility is requi- sonal assistance to all mmunity housing. A rela- cop for arriving travel- stated for convenient acco- sing. It must be handi- illers and small trucks e office space, a confe- d interior and exterior d to enhance customer a The existing management sing unit that was buil- or the housing officer of ervice must stand in the building does not pro- des employee morale. Re- ing moves or filing comp	n of a n eligible axing en- -worn per- cess by a cap-access which ma erence re- omer wait play an ppeal. office t in 194 of the re- he hallwo ovide a p ealtors, laints a reccurir	ew facility provide com a DOD perso vironment is rsonnel and arriving pe ssible and ay be used bom, privat ing room, reas for ch is located 8. This fa eferral off ay because professiona brokers, h ilso use th assisted in ng nightmar	to support plete referment of their dependent s desired sides their dependent roomed and have adequate by arriving e counseling storage space ildren of count across the cility does ice and count of lack of sides atmosphere puilders, ap is facility.	the Housing rel services and ating suitable ince this is ndents. The those already te parking for personnel. The g rooms, ce for equipment ustomers. street in a not provide the nselors. space. The run- e to visiting partment managers, the average is of housing. ge of the

1. COMPONENT	FY 2003 MILITARY C	DATA	2. DATE				
AIR FORCE	(comput	(computer generated)					
3. INSTALLATION	AND LOCATION	4. PROJECT	TITLE				
EGLIN AIR FORCE	BASE, FLORIDA	BASE, FLORIDA REPLACE HOUSING					
5. PROGRAM ELEM	IENT 6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT	COST (\$000)			
88741	610-119	FTFA994004		597			

repairs are not possible.

<u>IMPACT IF NOT PROVIDED:</u> Morale of housing office employees will continue to degrade. Customers will not receive necessary privacy when dealing with housing office personnel and will continue to be served in an extremely cramped, deteriorated, and unprofessional environment. Lack of space eliminates the possibility of establishing privaqte counseling areas. Major repairs or improvements are not an option because of the age and condition of the facility with extensive invest ment required.

ADDITIONAL: The project includes a 100% design with environmental assessment performed. Also, this project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". Base Civil Engineer: Col Quincy Purvis, DSN 872-2876

AIR FORCE

## FY 2003 MILITARY CONSTRUCTION PROJECT DATA

ይ. DATE

3. INSTALLATION	AND LOCATION

GLIN AIR FORCE BASE, FLORIDA	
PROJECT TITLE	5. PROJECT NUMBER
OUSING MANAGEMENT FACILITY	FTFA994004
2. SUPPLEMENTAL DATA:	
Estimated Design Data:	Design/Build
(1) Status:	
(a) Date Design Started	01 Aug 25
(b) Parametric Cost Estimate used to develop costs	Ν
(c) Percent Complete as of Jan 2002	35
(d) Date 35% Designed	01 <b>Dec</b> 20
(e) Date Design Complete	02 May 20
(f) Energy Study/Life-Cycle analysis was performed;	
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where design was most recently used -	N/A
(3) Total Cost $(c) = (a) + (b)$ or $(d) + (e)$ :	(\$30)
(a) Production of Plans and Specifications	30
(b) All other Design Costs	0
(c) Total	30
(d) Contract	30
(e) In-house	
(4) Construction Start	03 Apr
(5) Construction Completion	04 Jul

b. Equipment associated with this project will be provided from other appropriations: N/A

DD FORM 1391c, DEC 76 PAGE NO

1. COMPONENT		EY 200	)3 MII I	TARY CONSTRUCTION PROGRAM					2. DATE	
AIR FORCE			/	.,					2. 27.12	
INSTALLATION AND		ON		(COMM	ΔND·			5 ARE	A CONST	
MACDILL AIR FORC				AIR MOBILITY COMMAND				COST II		
	E DAOL,	LONDA						0.88		
6. Personnel	DE	RMANENT	-	STUDENTS SU			PPORTED			
Strength	OFF	ENL	CIV		ENL		OFF	-		TOTAL_
AS OF 30 SEP 01		2663		UFF						
END FY 2005	663 649	2603	1275 1265				769 769			6,346 6 205
			1200				709	0/0	98	6,295
i7. INVENTORY DAT	A (\$000)									
Fotal Acreage:	(00.0	5,767								
Inventory Total as of										0
Authorization Not Yet										0
Authorization Reques		•				2.42				18,086
Authorization Include			rogram	-	(FY 20	)4)				0
Planned in Next Thre		-rogram:								<b>53,58</b> 1
Remaining Deficiency	/:									0
Grand Total:										71.667
8. PROJECTS REQU	JESTED	IN THIS PI	ROGR	AM:			(FY 200			
CATEGORY										STATUS
	PROJEC					<u>SCOPE</u>			TART	<u> C M P L</u>
71 I-142	Replace	Family Hou	using			96 UN		18,086	Jun-01	Jul-0:2
9a. Future Projects:	Included i	in the Follo	owing F	Program	: (FY20	04) No	Projects			
Oh Futuro Draigator	Typical D	lannad Nav	kt Thre	e Years			(FY05-0	7)		
9b. Future Projects:							•			
		Family Hou				84 UN	`	17,519		
7'11-142	Replace		using			84 UN 84 UN	,	17,519 17,838		
7'11-142 7'11-142	Replace Replace	Family Hou	using using				· ·			
711-142 711-142	Replace Replace	Family Hou Family Hou	using using			84 UN	· ·	17,838		
711-142 711-142	Replace Replace Replace	Family Hou Family Hou Family Hou	using using using			84 UN		17,838		96,946
711-142 711-142 711-142 <b>9c.</b> Real Propery Mai	Replace Replace Replace ntenance	Family Hou Family Hou Family Hou Backlog T	using using using This Ins	tallation		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 9c. Real Propery Mai 70. Mission or Major	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 <b>9c.</b> Real Propery Mai	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 <b>9c.</b> Real Propery Mai 70. Mission or Major	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 9c. Real Propery Mai 70. Mission or Major	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 9c. Real Propery Mai 70. Mission or Major	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 9c. Real Propery Mai 70. Mission or Major	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 9c. Real Propery Mai 70. Mission or Major	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 9c. Real Propery Mai 70. Mission or Major	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 9c. Real Propery Mai 70. Mission or Major	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 9c. Real Propery Mai 70. Mission or Major	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 <b>9c.</b> Real Propery Mai 70. Mission or Major	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 9c. Real Propery Mai 70. Mission or Major	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 <b>9c.</b> Real Propery Mai 70. Mission or Major	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 <b>9c.</b> Real Propery Mai 70. Mission or Major	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 9c. Real Propery Mai 70. Mission or Major	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 9c. Real Propery Mai 70. Mission or Major	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 9c. Real Propery Mai 70. Mission or Major	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	
711-142 711-142 711-142 9c. Real Propery Mai 70. Mission or Major	Replace Replace Replace ntenance Functions	Family Hou Family Hou Family Hou Backlog T :: An air ref	using using using This Ins Tueling	tallation wing wit		84 UN 99 UN		17,838 18,224	lude US S	

DD Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE FY 20 <u>03</u> MILITARY CONSTRU				2. DATE	1
3. INSTALLATION AND LOCATION MACDILL AIR FORCE BASE, FLORIDA	4. PROJECT REPLACE F		ISTNG	- DHASE	! 5
	PROJECT NU NVZR01370	JMBER			ST(\$000)
9. COST E	STIMATE				000F
ITEM	U/M	QUANTITY		JNIT COST	COST (\$000)
MILITARY FAMILY HOUSING SUPPORTING FACILITIES SITE PREPARATION ROADS AND PAVING UTILITIES LANDSCAPING RECREATION SPECIAL CONSTRUCTION FEATURES DEMOLITION/ENVIRONMENTAL HAZARD REMEDIA SUBTOTAL CONTINGENCY (5.0%) COTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5.5 COTAL REQUEST		96	116	6,042	11,140 5,187 (1,624) (346) (1,203) (346) (322) (1,000) ( <u>346</u> ) 16,327 <u>816</u> 17,143 <u>943</u> 18,086
AREA COST FACTOR 0.88					
Landscaping and recreation areas. Amenities appliances, carports, HVAC, carpet, patios construction features denote design and con nurricane and storm surges. Demolishes 92 and lead-based paint.	and privacy struction c	v fencing. of units	. Spe to wit		
appliances, carports, HVAC, carpet, patios construction features denote design and con nurricane and storm surges. Demolishes 92	and privacy struction c existing un	y fencing. of units nits and <b>Cost Per</b>	. Spe to wit remedi No <u>Units</u> 28 18 34 18 34	ecial thstand iates a (\$000) <u>Total</u> 2,630 2,182 3,917 <u>2,411</u>	
Appliances, carports, HVAC, carpet, patios construction features denote design and con nurricane and storm surges. Demolishes 92 and lead-based paint.	and privacy struction c existing un Project <u>Factor</u> 0.915 0.915 0.915 0.915 0.915 0.915 0.915 0.915 0.915 0.915 0.915 0.915 0.915	r fencing. of units nits and Cost Per <u>GSM</u> 732 732 732 732 732 5-6/4 Bedr Bedroom TANDARD:	. Spe to wit remedi <b>No</b> <u>Units</u> 28 18 34 <u>18</u> 96 room ( (2,02 591	ecial thstand iates a (\$000) <u>Total</u> 2,630 2,182 3,917 <u>2,411</u> 11,140 1790 NSF/2 UN	sbestos SF/2,220

	2. DATE
1. COMPONENT AIR FORCE FY 20 <u>03</u> MILITARY CONSTRUCTION PROJECT D	DATA 9-28-01
3. INSTALLATION AND LOCATION	
MACDILL AIR FORCE BASE, FLORIDA	
4. PROJECT TITLE REPLACE FAMILY HOUSING - PHASE 5	7. PROJECT NUMBER NVZR013705R1
created excessive congestion and safety hazards. Housing	
inadequate by any modern criteria. Bedrooms are small and	
space. Bathrooms are small; fixtures are outdated and in	
Kitchens have inadequate storage and counter space; cabine	-
unsightly; counter tops and sinks are badly worn. Flooring	
is worn and some contain asbestos. Utility systems require	
and repair. Housing density is excessive, creating a nois	
environment.	
IMPACT IF NOT PROVIDED: Air Force members and their famil	lies will continue to
live in small, outdated and unsatisfactory housing. The	units will deteriorate
further, resulting in escalating and unacceptable maintena	nce and repair costs as
well as inconveniencing the occupants. Without this and s	subsequent phases of
this initiative, repairs will continue in a costly, piecer	
or no improvement in occupant quality of life. These defi	
to adversely affect the morale of all personnel and their	family members assigned
to the base. ADDITIONAL: This project meets the criteria/scope specifi	od in Dart II of
Military Handbook 1190, "Facility Planning and Design Guid	
replacement housing, student population will not increase	
the local school district to support base dependents be in	mpacted. Base Civil
Engineer: Lt Col Thomas A. Kaldenberg, (813) 828-3577.	

AIR FORCE	FY 2003 MILITARY CONSTRUCT	TION PROJECT DATA
3. INSTALLATION AND LO	CATION	
MACDILL AIR FORCE	BASE ELORIDA	
4. PROJECT TITLE	BASE, FLORIDA	5. PROJECT NUMBER
REPLACE FAMILY HO		NVZR013705R1
12. SUPPLEMENTAL I		
a. Estimated Design Data	:	Design/Build
(1) Status:		
(a) Date Desig	n Started	01 Aug 15
	Cost Estimate used to develop costs	N
(c) Percent Con	mplete as of Jan 2002	35
(d) Date 35%		01 Dec 15
(e) Date Desig		02May 15
	dy/Life-Cycle analysis was performed;	
(2) Basis:		
	Definitive Design -	NO
(b) Where desig	n was most recently used -	N/A
(3) Total Cost (c	(a) + (b)  or $(d) + (e)$ :	(\$720)
	of Plans and Specifications	720
(b) All other D		(
(c) Total	5	720
(d) Contract		720
(e) In-house		
(4) Construction Sta	rt	03Mar
(5) Construction Co	mpletion	04Jun
b. Equipment associated	with this project will be provided from other a	appropriations: N/A
b. Equipment associated	with this project will be provided from other a	appropriations: N/A

MILITARY FAMILY HOUS	JSING JUSTIFICATION 1. DATE OF REPORT Aug-01						. YEAR	REPORT CONTROL SYMBOL DD-A&L(AR)1716			
3. DOD COMPONENT	4. REPORTING INST	ALLATION									
AIR FORCE	a. NAME	•				b. LOCAT	TION				
5. DATA AS OF	MACDILL	AFB		Phase 5			FLORIDA				
Jan-01											
ANALYS	SIS	-	CURF					ECTED		v	
OF			OFFICER	-	E6-E1	TOTAL	OFFICER		E6-E1	TOTA	
REQUIREMENTS			<u>(a)</u>	(b)	(c)	(d)	(e)	(f)	(9)	(h)	
5. TOTAL PERSONNEL S	STRENGTH	I	1,474	534	3,196	5,204	1,461	531	3,160	5,152	
PERMANENT PARTY	PERSONNEL		1,474	534	3,196	5,204	1,461	531	3,160	5,152	
B. GROSS FAMILY HOUS	SING REQUIREMENTS		1,178	445	1,944	3,567	1,168	443	1,924	3,535	
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)			30	22	44	96					
a. INVOLUNTARILY			0	0	0	0					
b. IN MILITARY HOU			20	22	44	96					
DISPOSED/REPL		~	30	22	44	30	2-1				
C. UNACCEPTABLE HOUSED IN COMMUNITY			0	O	0	0					
0. VOLUNTARY SEPARA	ATIONS		42	39	113	194	42	38	114	194	
1. EFFECTIVE HOUSING			1,136	406	1,831	3,373	1,126	405	1,810	3,341	
2. HOUSING ASSETS (a	i + b)		1,106	384	1,787	3,277	1,096	383	1,766	3,245	
a. UNDER MILITAR			76	82	550	708	76	82	550	708	
(1) HOUSED IN E OWNED/COM			76	82	550	708	76	82	550	708	
(2) UNDER CON	TRACT/APPROVED						0	0	0	0	
(3) VACANT			0	0	0	Ō					
(4) INACTIVE			0	0	0	0					
b. PRIVATE HOUSI	NG		1,030	302	1,237	2,569	1,020	301	1,216	2,537	
(1) ACCEPTABLY	YHOUSED		1,030	302	1,237	2,569					
(2) ACCEPTABL	EVACANTRENTAL		0	0	0	0					
3. EFFECTIVE HOUSING	DEFICIT		30	22	44	96	30	22	44	96	
4. PROPOSED PROJEC	r						30	22	44	96	

Item 12.a.(1): 591 on-base units are inadequate.

1. COMPONENT		FY 200	)3 MIL	TARY	CONST	RUCTIO	N PROC	GRAM	2. DATE	
AIR FORCE										
INSTALLATION AND	D LOCATIO	NC		COMM	AND:			5. AREA	A CONST	
HICKAM AIR FORCE	E BASE, H	IAWAII			IC AIR F	ORCES	3		NDEX	
								1.45		
6. Personnel	PEF	RMANENT		S	TUDEN	rs	SU	IPPORTE	D	
Strength	OFF		CIV	OFF			OFF	ENL		TOTAL
AS OF 30 SEP 01	684	2545	1926			011	166			5,598
END FY 2005	<b>68</b> 441	2583)	1912)				166	260	17	5,622
7. INVENTORY DAT	A (\$000)									
Total Acreage:		2,851								
Inventory Total as of	• •	,								7,772,958
Authorization Not Yet		•								0
Authorization Reques	sted in this	Program:								29,050
Authorization Include	d in the Fo	ollowing Pr	rogram	:	(FY 200	04)				29,456
Planned in Next Thre	e Years P	rogram:								60,631
Remaining Deficiency		-								0
Grand Total:										7,892,095
										.,,
3. PROJECTS REQU	JESTED I		ROGRA	M.			(FY 200	3)		
CATEGORY			0010				(11 2000	,	DESIGN	STATUS
	PROJECT					SCOPE			TART	
·						-				
711-142	Replace r	amily Hou	using			96 UN		29,050	Sep-01	Jun-01
			·					A)		
9a. Future Projects: I			-	rogram			(FY 2004	,		
711-142	Replace F	amily Hou	ising			108 UN		29,456		
							/=: / A = A			
9b. Future Projects: 1	• •			e Years			(FY05-0	•		
	•	amily Hou	•			108 UN		30,043		
7'11-142	Replace F	amily Hou	ising			108 UN		30,588		
9c. Real Propery Mai	ntenance	Backlog T	his ins	tallation						196,41ទ
0. Mission or Major	Functions:	The host	air bas	e wing	support	s C-135	B/C aircr	aft and he	osts	
Headquarters, Pacific	c Air Force	es.The inst	tallatior	n also h	osts an	Air Natio	onal Gua	rd wing c	onsisting	of an
F-I 5A/B squadron, a								-	-	
activities include an A		- ·				•	•	,		<b>J</b> 01
	in intolligo	noo / igonic	y milon	igonoo ;	group u		i woonity	Cappon	Group.	

AIR FORCE

## FY 2003 MILITARY CONSTRUCTION PROJECT DATA

## 3. INSTALLATION AND LOCATION

#### HICKAM AIR FORCE BASE, HAWAII

### 4. PROJECT TITLE

#### **REPLACE FAMILY HOUSING PHASE 2**

5. PROJECT	NUMBER
------------	--------

#### ING PHASE 2

## KNMD034440C2

<u>CURRENT SITUATION</u>: These existing housing units were constructed in 1964 through 1974. They show the effects of age and heavy use. They have had no major upgrades since construction, and do not meet the needs of today's families, nor do they provide a modem home environment. Roofs, walls, foundations and exterior pavements require major repair or replacement due to age. Foundation and pavements are showing signs of failure owing to settlement. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency or safety. Interiors are generally inadequate by any modem criteria. Bathrooms are small and lack adequate closet space. Kitchens have insufficient cabinets, storage and counterspace. Lighting and air-conditioning systems require upgrade and replacement.

<u>IMPACT IF NOT PROVIDED</u>: Air Force members and families will continue to be inadequately housed. Low morale and retention problems can be expected since comparable, affordable off-base housing is not available. Units will continue to deteriorate resulting in escalating operations, maintenance and repair costs to the Government. <u>ADDITIONAL</u>: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternative of new construction, revitalization, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project. Since this is replacement housing, there will be no increase in the student population or impact on the ability of the local school district to support base dependents. SIOH for this project is 5.5%. Base Civil Engineer: Col Steven E. Hoarn (808) 449-1 660.

AIR FORCE	FY 2003 MILITARY CONSTRUCTION	ON PROJECT DATA	
3. INSTALLATION AND LO	CATION		
HICKAM AIR FORCE	BASE, HAWAII	5. PROJECT NUMBER	
REPLACE FAMILY HO		KNMD034440	)C2
12. SUPPLEMENTAL 1		D	· /D 11
a. Estimated Design Data		De	esign/Build
(1) Status:			
(a) Date Desig	n Started		01 Aug 25
	Cost Estimate used to develop costs		N
	mplete as of Jan 2002		35
(d) Date 35%			01 <b>Dec</b> 20
(e) Date Desig	n Complete dy/Life-Cycle analysis was performed;		02 May 25
(1) Energy Su (2) Basis:	dy/Ene-Cycle analysis was performed,		
	Definitive Design -		NO
	n was most recently used -		N/A
(3) Total Cost ( c ) =	(a) + (b)  or $(d) + (e)$ :		(\$1,160)
(a) Production	of Plans and Specifications		1,160
(b) All other D	Design Costs		0
(c) Total			1,160
(d) Contract (e) In-house			1,160
(e) In-nouse			
(4) Construction Sta	rt		03 Apr
(5) Construction Co	mpletion		04 Jul
b. Equipment associated	with this project will be provided from other app	propriations: N/A	

MILITARY FAMILY HOUS	ING JUSTIFICATION	1. DATE OF REPOR May-01	I		2. FISCAL	YEAR	REPORT O	CONTROL S R)1716	YMBOL
3. DOD COMPONENT	4. REPORTING INST	ALLATION							
AIR FORCE	a. NAME				b. LOCAT				
5. DATA AS OF	HICKAM A	FB	Phase 2			HAWAII			
2001		CURF				DDO I	ECTED		
ANALYS	515	OFFICER	E9-E7	E6-E1	TOTAL		EGTED E9-E7	E6-E1	TOTA
REQUIREMENTS	AND ASSETS	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
6. TOTAL PERSONNEL		1,244	1,156	4,169	6,569	1,262	1,175	4,193	6,630
7. PERMANENT PARTY	PERSONNEL	1,244	1,156	4,169	6,569	1,262	1,175	4,193	6,630
B. GROSS FAMILY HOUS	SING REQUIREMENTS	1,015	997	2,555	4,567	1,031	1,013	2,568	4,61
. TOTAL UNACCEPT		0	0	96					
a. INVOLUNTARILY	SEPARATED	0	0	0	0				
b. IN MILITARY HOU DISPOSED/REPL		96	0	0	96				
C. UNACCEPTABLE	HOUSED IN COMMUNIT	ΓY 0	0	0	0				
0. VOLUNTARY SEPAR	11	12	13	36	11	12	13	36	
1. EFFECTIVE HOUSING REQUIREMENTS		1.004	985	2,542	4,631	1,020	1,001	2,555	4,576
2. HOUSING ASSETS (a	906	965	2,542	4,435	924	1.001	2,555	4.480	
a. UNDER MILITAR	527	406	1,633	2,566	527	406	1,633	2,566	
(1) HOUSED IN I OWNED/CO		527	406	1,633	2,566	527	406	1,633	2,560
(2) UNDER CON	TRACT/APPROVED					0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSI	NG	381	579	909	1,869	397	595	922	1,914
(1) ACCEPTABL	YHOUSED	381	579	909	1,869				
(2) ACCEPTABL	E VACANT RENTAL	0	0	0	0				
3. EFFECTIVE HOUSING		96	0	• • • • •	96	96	0	0	96
4. PROPOSED PROJEC	г					96	0	0	96

Item 12.a.(1): 1076 on-base units are inadequate.

1. COMPONENT		FY 200	3 MIL	ITARY	CONST	RUCTIO	N PRO	GRAM	2. DATE				
AIR FORCE													
INSTALLATION AND	LOCATI	ON		COMM	AND:			5. ARE	A CONST	Γ			
MOUNTAIN HOME A	IR FORC	E BASE,		AIR CO	OMBAT	COMMA	ND	COST	INDEX				
IDAHO								1.11	1				
6. Personnel	PEI	RMANENT		S	<b>FUDEN</b>	ΓS	SL	IPPORT	ED				
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	. CIV	TOTAL			
AS OF 30 SEP 01	462	40091	745	0	0	0	18 <i>′</i>	3	2 71	5,337			
END FY 2005	4621	4201	7441	0	0	0	18	3	2 71	5,528			
7. INVENTORY DAT	A (\$000)					•				•			
Total Acreage:	· · ·	6,844											
Inventory Total as of	: (30 Sep	01)								350,515			
Authorization Not Yet										49,035			
Authorization Reques										24,392			
Authorization Include				n:	(FY 200	)4)				24,841 <b>3</b>			
Planned in Next Thre		•	0							77,510			
Remaining Deficiency		J								0			
Grand Total:										526,300			
										,			
3. PROJECTS REQU	JESTED	IN THIS P	ROGF	RAM:			(FY 200	3)					
								-)					
CATEGORY								COST	DESIGN	STATUS,			
CODE	PROJEC	T TITLE				SCOPE	\$.000 \$	<u>OSTART</u> <u>CMPL</u>					
		Family Ho	usina		95 UN 24,392					Jul-02			
	-1	, <u> </u>	5					,	2 Jun-01				
Эа. Future Projects: I	ncluded i	n the Follo	owing	Progran	n: (FY20	004)							
711-142	Replace	Family Ho	using			106 UN		24,848	}				
	•		Ũ										
3b. Future Projects: 7	Fypical Pl	anned Nex	kt Thre	ee Year	S:	(	FY05-0	7)					
	•	Family Hou	-			89 UN		25,343					
	•	Family Hou	-			114 UN		25,804					
711-142	Replace	Family Hou	using			116 UN		26,363	3				
No. Deal Division Marti	- 4	Devil 7	1. to 1	- 4 - U - 2						400.000			
C. Real Propery Main										106,622 <b>'</b>			
IO. Mission or Major									/D squadro	on			
<b>)ne</b> F-I 5E squadron,	one KC-I	35 squadr	on, a l	<b>3</b> 1-B sq	uadron,	and the	AEF Ba	ittlelab.					
D Form 1390, 24 Jul													

D Form 1390, 24 Jul 00

1. COMPONENT								2. DATE
AIR FORCE	F	Y 2003	MILITARY (	CON	STRU	CTION PROJ	ECT DATA	
3. INSTALLATION AND L		1			4	. PROJECT TITL	.E	
					]	REPLACE MIL	ITARY FAMIL	Y HOUSING
MOUNTAIN HOME A	AIR FOF					PHASE 4		
5. PROGRAM ELEMENT		6. CATEC	SORY CODE		7. PROJ	ECT NUMBER	8. PROJEC	T COST (\$000)
88741			711-142		o	ZH033004R3	2	4,392
				OSTE				1,002
								COST
					U/M	QUANTITY	UNIT COST	(\$000)
MILITARY FAMILY		NG				95	122,274	11,616
SUPPORTING FACIL SITE IMPROVEMEN					LS LS			10,362
UTILITIES	115				LS			(500) (4,012)
STREETS					LS			(2,710)
LANDSCAPING					LS			(870)
RECREATION					LS			(470)
DEMOLITION & AS	SBESTO	S REMO	VAL		LS			(1,800)
SUBTOTAL								21,978
CONTINGENCY (5%)								<u>1,099</u>
TOTAL CONTRACT								23,077
SUPERVISION INSPE	CTION	AND OV	ERHEAD (5.7	'%)				<u>1,315</u>
TOTAL REQUEST								24,392
AREA COST FACTOR	2	1.11						
10. DESCRIPTION OF			NSTRUCTION	V· R	lace 9	units by demo	ton with const	ruction on an
adjacent housing site. I								
of family housing units								
privacy fencing, and ne							8,	8,1,,
		NOF	005		•	Cost Per No	(****)	<b>T</b> -4-1
<u>Paygrade</u> <u>Bedr</u> EI-E6		<u>NSF</u> 1,081	<u>GSF</u> 1,340	<u>GSN</u> 124		Factor GSI 1.154 73	<u>M Units</u> 32 57	<u>Total</u> 5,971
	<u>-</u> }	1,001	1,630	151			32 37 32 22	2,807
EI-E6 4		1,573	1,950	181		1.154 73		612
E7-E9 4	Ļ	1,734	2,150	200		1.154 73		676
O-4-05 4		1,863	2,310	215		1.154 73		364
06 4		2,032	2,520	234		1.154 73	62 <u>6</u> 95	<u>1,186</u> 11,616
Maximum size: E1-E6/.	Redroc	m(1/20)	NSE/1760 GSE	5) F1.	- <b>F6/4</b> B	edroom (1790 N		11,010
	) Deuroc	JIII (1420 J	NS171700 US1	), ET	-L0/4 D		(5172220 (1517)	
11. Requirement: 2,	868 UI	J	ADEQUATE:	1.72	21 UN	SUBSTAN	DARD: 1,147	UN
<u>PROJECT</u> : Replace-Mi							,	
REQUIREMENT: Proje							rs and their dep	endents stationed
at Mountain Home AFI	-				-	•	-	
Profile. Replacement ho								
base civilian communi	ty. Repla	acement h	ousing provides	s a m	odem ki	tchen, living roo	om, dining roon	n and bathroom
Units provide ample int								
the basic neighborhood								
preparation work to inc								ater, sewage,
natural gas, and storm d	rainage	due to the	undersized and	antic	quated u	tilities to the pro-	oject area.	
DD FORM 1391, DEC 76		PI	REVIOUS EDITIO	ONS M	AY BE L	JSED INTERNALL	Y	
AGE NO						EXHAUSTED		270
								<b>6 1 0</b>

## FY 2003 MILITARY CONSTRUCTION PROJECT DATA

AIR FORCE 3. INSTALLATION AND LOCATION

#### MOUNTAIN HOME AIR FORCE BASE, IDAHO

4. PROJECT TITLE

#### **REPLACE FAMILY HOUSING, PHASE 4**

# 5. PROJECT NUMBER

OYZH033004R3 CURRENT SITUATION: Oasis housing was constructed in 1956. The housing units have had minimal renovation over the last 40 years and have exceeded the expected life. Narrow neighborhood streets make emergency vehicle access excessively difficult. Recreation area is limited. The units are best described as flat roofed boxes lacking the architectural character of residential neighborhoods. Oasis neighborhood presents a congested appearance isolated from adjoining neighborhoods. Exterior garages and storage are both separate from the units. Other deficiencies include antiquated electrical and mechanical systems, deteriorated utility systems, inadequate bathrooms, low pitched high maintenance roofs, and lead paint and asbestos containing materials. Kitchens have inadequate storage and counter space, old and unsightly cabinets, badly worn countertops and sinks, and deteriorating plumbing. Existing units also have washer and dryer hookups inconveniently located in the kitchen, undersized systems panels with no ground fault circuit interrupters or exterior outlets, insufficient interior and exterior lighting, and swamp coolers. Other liabilities of the existing Oasis housing area include inadequate landscaping throughout, unscreened open parking lots, cluttered appearance at rear alleyways, visually inappropriate storage areas, and poor internal vehicle circulation. IMPACT IF NOT PROVIDED: Air Force families will continue to live in unsatisfactory housing conditions. As the existing units age, the maintenance costs on these units will escalate. With antiquated and constant attention to maintenance and repair, Air Force families are forced to live in substandard housing. Persistence of these conditions escalate problems of low morale and retention.

ADDITIONAL: The project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning Design Guide". The demolition of the 95 units will allow thinning in Oasis housing. Costs to improve these units is greater than 70% of the replacement cost and building new on the same site is not practical. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on net present values and benefits of respective alternatives, new construction is the most cost effective choice. The CoE will be used to do the engineering and contract supervision on this project. Base Civil Engineer: Lt Col Richard B. Stonestreet (208)828-6353

## FY 2003 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

SE, IDAHO		ED
E 4	QYZH0330	)04R3
		Design/Build
		01 Aug 20
		Ν
n 2002		35
		01 Dec 15
1		02 May 10
analysis was performed;		
		NO
entiy used -		N/A
(d)+(e):		(\$980)
		980
L		0
		980
		980
		03 Mar
		04 <b>Jun</b>
t will be provided from other	appropriations: N/A	
	used to develop costs n 2002 unalysis was performed; gn - ently used - ( d ) + ( e ): pecifications	E 4 QYZH033( used to develop costs n 2002 unalysis was performed; gn - ently used - ( d ) + ( e ):

WILITARY FAMILY HOUS		OF REPORT June-00			2. FISCAL 2003	YEAR	DD-A&L(AR	ONTROL S	ҮМВО
3. DOD COMPONENT	4. REPORTING INSTALLATION				b. LOCAT				
AIR FORCE	A. NAME MOUNTAIN HOMEAF		Phase 4		D. LUCAT	IDAHO			
5. DATA AS OF 2000	MOUNTAIN HOMEAF		Phase 4			IDAHO			
ANALYS	l IS	CURR	ENT			PRO.	IECTED		
OF		OFFICER	E9-E7	E6-E1	TOTAL	OFFICER	-	E6-E1	TOTAI
REQUIREMENTS	AND ASSETS	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
5. TOTAL PERSONNEL S	STRENGTH	482	355	3,554	4,391	494	374	3,659	4,527
7. PERMANENT PARTY	PERSONNEL	482	355	3,554	4,391	494	374	3,659	4,527
B. GROSS FAMILY HOUS	ING REQUIREMENTS	269	323	2,210	2,802	278	341	2,281	2,900
9. TOTAL UNACCEPTAB	LY HOUSED (a + b + c)	· 8	4	347	359				
a. INVOLÜNTARILY	SEPARATED	0	0	0	0				
b. IN MILITARY HOU					95				
DISPOSED/REPL	ACED HOUSED IN COMMUNITY	8	4	83	80				
C. UNACCEPTABLE		0	0	264	264				
10. VOLUNTARY SEPARATIONS		2	7	23	32	2	7	23	32
11. EFFECTIVE HOUSING REQUIREMENTS		267	316	2,187	2,770	276	334	2,258	2,868
12. HOUSING ASSETS (a + b)		259	312	1,840	2,411	268	330	1,777	2,375
a. UNDER MILITARY	CONTROL	176	165	1,089	1,430	176	165	1,089	1,430
(1) HOUSED IN E OWNED/COM		176	165	1,089	1,430	176	165	1,089	1,430
(2) UNDER CON	IRACT/APPROVED					0	0	0	.0
(3) VACANT					0				
(4) INACTIVE					0				
b. PRIVATE HOUSIN	łG	83	147	751	981	92	165	688	945
(I.) ACCEPTABLY	HOUSED	a <u>3</u> i	147 I	751	981				
(2) ACCEPTABL	EVACANTRENTAL	0	0	0	0				
3. EFFECTIVE HOUSING	DEFICIT	8	4	347	359	8	4	481	493
4. PROPOSED PROJECT						8	4	83	95

Item 12.a.(1): 1147 on base units are inadequate.

1. COMPONENT	FY 2003 MILITARY (	CONSTRUCT	ION PROJE	CT DATA	2. D#	TE
AIR FORCE	(comput	er gener	ated)			
3. INSTALLATION	AND LOCATION		4. PROJEC	T TITLE		
MCCONNELL AIR F	ORCE BASE, KANSAS		CONSTRUCT	MFH MAINT B	LDG & ROAI	s
5. PROGRAM ELEN	IENT 6. CATEGORY CODE	7. PROJ	ECT NUMBER	8. PROJEC	CT COST (\$	000)
88741	219-944	PRQI	E029013		1,514	
	9. COST E	STIMATES			r	
	ITEM	U/M	OUANTITY	UNIT	COS	Т
CONSTRUCT MFH M	AINT BLDG & ROADS	LS				894
CONSTRUCT MEH I	ROADS	м	600	500	· (	300)
CONSTRUCT MEH 1	AINT BLDG	SM	560	1,061	(	594)
SUPPORTING FACII	LITIES				-	470
SIDEWALK & STO	RM DRAINAGE	м	500	360		( 180:)
PARKING LOT		SP	25	1,000		(25)
LIGHTING & ELE	CTRIC	LS				(80)
UTILITIES (COM	(, WATER, SEWER, AND GAS))	LS				( 35:)
SITE IMPROVEME	NTS (AT/FP, FENCE, TREES,	LS				( 100:)
ETC.)						
DEMOLITION		LS				( 501
SUBTOTAL						1,364
	(5%)					68
COTAL CONTRACT (						1,432
-	PECTION AND OVERHEAD (5.3	7%)				82
TOTAL REQUEST		.91				1,514
AREA COST FACTOR	of Proposed Construction:				~	
ncluding curb & prefabricated me electrical utili	gutter, storm drainage, s tal building for MFH maintent ties. Construct perimeter construct a parking lot for	idewalk & enance co wall an	a street 1 ontractor d paved a:	ighting. Com and provide rea around no	nstruct water, sev	ver, &
ir Conditioning	: 40 KW.					
11. REQUIREMEN	T: 560SM ADEQ	UATE: 0	3M	SUBSTAND	ARD: 1675	м
'ROJECT: Constr	ruct new roads compatible w	ith hous	ing area i	for access to	east end	of MFH
	ntenance contractor facility					
	w, permanent roadways are a	-	_			
-	ng area as well as the new ractor facility is required				-	
	lities are required to pro-			-	-	
or contractor p	ersonnel, plus storage and	work are	as for ma	intenance		
	N: Military living adjacen	-				
	end road to reach their hous be able to reach their unit	-	-			
ontractor facil his type of fac	ity is too small, in bad re ility. Its current location e to McConnell's <b>MFH</b> area,	pair, ar on is adj	nd does no jacent the	t meet curren housing man	nt standar agement of	ds for fice &

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Previous editions are obsolete.

Page No.

1. COMPONENT	FY 2003 MILITARY C	ONSTRUCTION PROJECT	DATA 2. DATE
AIR FORCE	(comput	er generated)	
3. INSTALLATION	AND LOCATION	4. PROJECT	TITLE
MCCONNELL AIR FOR	RCE BASE, KANSAS	CONSTRUCT M	7H MAINT BLDG & ROADS
5. PROGRAM ELEME	NT 6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)
88741	219-944	PRQE029013	1,514

the housing management office parking lot as a staging yard. The construction of a new facility at the east end of housing will alleviate the unsightliness of its current location adjacent the main entrance to MFH.

IMPACT IF NOT PROVIDED: Personnel living on the east end of housing will continue to be inconvenienced with traffic bottlenecks while the poor image at the main entrance to housing will persist due to the location of the maintenance contractor. The quality of work the maintenance contractor can provide will continue to be limited due to the poor facility & space they are being provided and/or the contract cost may rise. ADDITIONAL: This project replaces facilities that currently do not meet the AF/AMC

Wilitary Family Housing Design guidelines, with facilities that will. Base Civil Engineer: Lt Col Charles G. Emmette (316) 759-5750.

1. COMPONENT			ይ. DATE
	FY 2003 MILITARY CONSTRUCTION		
AIR FORCE			
3. INSTALLATION AND LOC	CATION		
MCCONNELL AIR FOR	RCE BASE, KANSAS		50
4. PROJECT TITLE		5. PROJECT NUME	ER
CONSTRUCT MFH MA		PRQE0290	13
12. SUPPLEMENTAL I			D: /D:14
a. Estimated Design Data			Design/Build
(1) Status:			
(a) Date Desig	n Started		01 Aug 20
(b) Parametric	Cost Estimate used to develop costs		Ν
	mplete as of Jan 2002		35
(d) Date 35%			01 <b>Dec</b> 15
(e) Date Desig			02 May 10
	dy/Life-Cycle analysis was performed;		
(2) Basis:			
	Definitive Design -		NO
(b) Where desig	n was most recently used -		N/A
(3) Total Cost $(c)$ =	(a) + (b)  or $(d) + (e)$ :		(\$70)
	of Plans and Specifications		(\$70)
(b) All other D			0
(c) Total	esign costo		70
(d) Contract			70
(e) In-house			
(4) Construction Sta	rt		03 Mar
(5) Construction Co	mpletion		04 <b>Jun</b>
b. Equipment associated	with this project will be provided from other approp	riations: N/A	
1 I I I I I I I I I I I I I I I I I I I	r Jin r		

		FY 200	)3 MIL	ITARY C	CONST	RUCTIC	N PROC	GRAM	2. DATE	
AIR FORCE										
<b>NSTALLATION</b> AND	) LOCATI	ON		COMMA	ND:			5. AREA	CONST	
ANDREWS AIR FOR	RCE BASE	E, MARYL/	AND	AIR MO	BILITY	COMM	AND	COST IN	NDEX	
								0.96		
3. Personnel	PE	RMANENT	-	ST	UDEN	ΓS	SU	PPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL.
4S OF 30 SEP 01	1054	3834	2477	10	19		334	1101	462	9,291
END FY 2005	1046	3469	2497	6	19		334	1101	462	8,934
7. INVENTORY DAT	A (\$000)									
Fotal Acreage:	(, ,	4,996								
nventory Total as of	: (30 Sep	01)								<b>477,32</b> 1
Authorization Not Ye	t in Invente	ory:								<b>5,16</b> 3
Authorization Reques	ted in this	s Program:								<b>9,83</b> 8
Authorization Included	d in the F	ollowing P	rogran	n: (	FY 200	)4)				<b>8,49</b> 1
Planned in Next Thre	e Years F	Program:	•							11,719
Remaining Deficiency	/:	U U								90,701 <b>0</b>
Grand Total:	·									603,2312
3. PROJECTS REQU	JESTED	IN THIS P	ROGR	AM:			(FY 2003	3)		
								,		
CATEGORY								COST	DESIGN	STATUS
CODE	PROJEC	T TITLE				SCOPE		\$,000 <u>S</u>	TART (	CMPL
		Family Ho	using			53 UN			Jun-01	Jul-0:2
	•	,	U					,		
Ja. Future Projects:	Included i	n the Follo	owina	Program	: (FY20	)04)				
			3		(· ·	,				
<b>71</b> I-142	Replace I	Family Hou	using		:	35 UN		8,491		
		,	0					,		
3b. Future Projects:	Typical Pl	lanned Ne:	xt Thre	e Years	:		(FY05-07	7)		
							<b>`</b>	,		
71 I-142	Replace I	Family Hou	using			108 UN		11,719		
		j	. 3							
<b>)c</b> . Real Properv Mai	ntenance	Backlog T	his In	stallation						126.072
<b>3c.</b> Real Propery Mai						of fixed y	ving and	rotary ai	rcraft	126,072
10. Mission or Major	Functions	: An airlift	Wing f	ilying a v	ariety c		•			
10. Mission or Major responsible for Presid	Functions dential sup	: An airlift ' oport and s	Wing f suppor	ilying a v t of othei	ariety c <sup>r</sup> brancl	hes of th	e Årmed	Forces	and Federa	
<ol> <li>Mission or Major esponsible for Presid Agencies; Air Nationa</li> </ol>	Functions dential sup Il Guard R	: An airlift oport and s leadiness (	Wing f suppor Center	flying a v t of othei ; DC Air	ariety c <sup>r</sup> brancl	hes of th	e Årmed	Forces	and Federa	
10. Mission or Major responsible for Presid	Functions dential sup Il Guard R	: An airlift oport and s leadiness (	Wing f suppor Center	flying a v t of othei ; DC Air	ariety c <sup>r</sup> brancl	hes of th	e Årmed	Forces	and Federa	
<ol> <li>Mission or Major esponsible for Presid Agencies; Air Nationa</li> </ol>	Functions dential sup Il Guard R	: An airlift oport and s leadiness (	Wing f suppor Center	flying a v t of othei ; DC Air	ariety c <sup>r</sup> brancl	hes of th	e Årmed	Forces	and Federa	
<ol> <li>Mission or Major esponsible for Presid Agencies; Air Nationa</li> </ol>	Functions dential sup Il Guard R	: An airlift oport and s leadiness (	Wing f suppor Center	flying a v t of othei ; DC Air	ariety c <sup>r</sup> brancl	hes of th	e Årmed	Forces	and Federa	
<ol> <li>Mission or Major esponsible for Presid Agencies; Air Nationa</li> </ol>	Functions dential sup Il Guard R	: An airlift oport and s leadiness (	Wing f suppor Center	flying a v t of othei ; DC Air	ariety c <sup>r</sup> brancl	hes of th	e Årmed	Forces	and Federa	
<ol> <li>Mission or Major esponsible for Presid Agencies; Air Nationa</li> </ol>	Functions dential sup Il Guard R	: An airlift oport and s leadiness (	Wing f suppor Center	flying a v t of othei ; DC Air	ariety c <sup>r</sup> brancl	hes of th	e Årmed	Forces	and Federa	
<ol> <li>Mission or Major esponsible for Presid Agencies; Air Nationa</li> </ol>	Functions dential sup Il Guard R	: An airlift oport and s leadiness (	Wing f suppor Center	flying a v t of othei ; DC Air	ariety c <sup>r</sup> brancl	hes of th	e Årmed	Forces	and Federa	
<ol> <li>Mission or Major esponsible for Presid Agencies; Air Nationa</li> </ol>	Functions dential sup Il Guard R	: An airlift oport and s leadiness (	Wing f suppor Center	flying a v t of othei ; DC Air	ariety c <sup>r</sup> brancl	hes of th	e Årmed	Forces	and Federa	
<ol> <li>Mission or Major esponsible for Presid Agencies; Air Nationa</li> </ol>	Functions dential sup Il Guard R	: An airlift oport and s leadiness (	Wing f suppor Center	flying a v t of othei ; DC Air	ariety c <sup>r</sup> brancl	hes of th	e Årmed	Forces	and Federa	
<ol> <li>Mission or Major esponsible for Presid Agencies; Air Nationa</li> </ol>	Functions dential sup Il Guard R	: An airlift oport and s leadiness (	Wing f suppor Center	flying a v t of othei ; DC Air	ariety c <sup>r</sup> brancl	hes of th	e Årmed	Forces	and Federa	
<ol> <li>Mission or Major esponsible for Presid Agencies; Air Nationa</li> </ol>	Functions dential sup Il Guard R	: An airlift oport and s leadiness (	Wing f suppor Center	flying a v t of othei ; DC Air	ariety c <sup>r</sup> brancl	hes of th	e Årmed	Forces	and Federa	
10. Mission or Major esponsible for Presion Agencies; Air Nationa	Functions dential sup Il Guard R	: An airlift oport and s leadiness (	Wing f suppor Center	flying a v t of othei ; DC Air	ariety c <sup>r</sup> brancl	hes of th	e Årmed	Forces	and Federa	
10. Mission or Major esponsible for Presic Agencies; Air Nationa	Functions dential sup Il Guard R	: An airlift oport and s leadiness (	Wing f suppor Center	flying a v t of othei ; DC Air	ariety c <sup>r</sup> brancl	hes of th	e Årmed	Forces	and Federa	

1. COMPONENT								2. DATE
AIR FORCE	FY 2003 N	IILITARY (	CONSTI	RUC	CTION	PROJE	CT DATA	
3. INSTALLATION AND LOCA	ΓΙΟΝ			4	I. PROJE			
						-		SING PHASE 1A
ANDREWS AIR FORCE E 5. PROGRAM ELEMENT	BASE, MARYI		17 P	ROJ	ECT NUM	IBER	8 PROJEC	CT COST (\$000)
				NOU		IDEN	U. TRODER	
88741	7	11-142			XF0340	07	9	9,838
		9. 00						COST
	ITEM			I/M	QUAN		UNIT COST	(\$000)
MILITARY FAMILY HOU SUPPORTING FACILITIE			-	LS LS	53	3	118,887	6,301 <b>2,538</b>
SITE IMPROVEMENTS	5			ĴS				(1,000)
UTILITIES				LS				(1,000)
LANDSCAPING	TOG DEMON	A.T.		LS LS				(290)
DEMOLITION & ASBES SUBTOTAL	STOS REMOV	AL	1	Ś				<u>(248)</u> 8,839
CONTINGENCY (5%)								<u>442</u>
TOTAL CONTRACT COS								9,281
SUPERVISION INSPECTION TOTAL REQUEST	ON AND OVE	RHEAD (6.0	)%)					<u>557</u> 9,838
IUTAL REQUEST								9,030
AREA COST FACTOR	0.96							
10. DESCRIPTION OF PR		ISTRUCTIO	N: Repla	ce :	housing	g units to	include one	General Officer
Quarters (GOQ). Site work	improvements	include unde	erground u	ıtiliti	es, parki	ing, lands	caping, patic	os, privacy fencing,
and community improvement								
garages, and storage. Includ	e demolition of	f 53 existing	units and	env	ironment	tal hazard	remediation	
					Project	Cost		(\$000)
<u>Paygrade</u> <u>Bedroom</u> 07 4	n <u>NSF</u> 2,686	<u>GSF</u> 3,330	<u>GSM</u> 309		<u>-actor</u> 0.998	<u>GSM</u> 732	Units	<u>Total</u> 226
EI-E6 3	1,315	1,630	150		0.998	732		3,971
EI-E6 4	1,573	1,950	181		0.998	732	<u>16</u>	<u>2,116</u>
							53	6,301
Maximum size: 07 - 4 Bedr	room (3270 NS	F/4060 GSF	), E1-E6/	3 Be	droom (	1420 NSF	F/1760 GSF)	
E 1 -E-6/4 ]	Bedroom (1790	NSF/2220 G	SF)					
11. Requirement: 3,538		EQUATE: 2	2 1 4 2 1 1	J	SUBST		D: 1,396 U	N
The Requirement: 3,536	JN AD	EQUATE. 2	2,142 01	N	00001		5. 1,550 0	
PROJECT: Replace-Military	Family Housi	ng Phase 1 (	Current N	Aissi	on).			
	•11 • 1	1 1 00	• . •		c		a.a. •	c
<u>REOUIREMENT</u> : Project w at Andrews AFB. All units								
appealing living environmer								
with the Housing Communit					<b>J</b> '	5		
l								

AIR FORCE

### FY 2003 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

#### 3. INSTALLATION AND LOCATION

#### ANDREWS AIR FORCE BASE, MARYLAND

#### 4. PROJECT TITLE

#### REPLACE MILITARY HOUSING, PHASE 1

# 5. PROJECT NUMBER

# AJXF034007

CURRENT SITUATION: This project replaces houses constructed in the 1960s. The units are undersized, meet none of the "whole house/neighborhood" standards, and show the effects of age and continuous heavy use. They have had no major upgrades since construction and do not meet the needs of today's families. Roofs, walls, foundations and exterior pavements require major repair or replacement due to the effects of age. Roof structures show signs of rot. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency or safety. Housing interiors are inadequate by modem criteria. Bedrooms are small and lack closet space. Bathrooms are small, fixtures are outdated and energy-inefficient. Kitchens lack sufficient storage and counter space, cabinets are old and unsightly, and countertops and sinks are badly worn. Flooring throughout the house is outdated and contains asbestos. Outlets lack grounding protection, and there is no Ground Fault Interrupter circuit protection. Lighting systems are inefficient and require replacement, and units have no air conditioning. The units have no backyard privacy. IMPACT IF NOT PROVIDED: Air Force members and families will continue to be inadequately housed. Low marale and retention problems can be expected since comparable, affordable off-base housing is not available. Units will continue to deteriorate resulting in escalating operations, maintenance and repair cost to the Government. ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facilities Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to the most cost efficient over the life of the project. The cost to improve this housing is 70% of the replacement cost. The construction agent for this project is the Naval Facilities Engineering Command resulting in SIOH cost of 6%. Base Civil Engineer: Lt Col Bryan J. Bodner, (301) 981-7281.

1. COMPONENI			2. DATE
AIR FORCE	FY 2003 MILITARY CONSTRUCTION PR	ROJECT DATA	
3. INSTALLATION AND LO	CATION		
ANDREWS AIR FORC	E BASE. MARYLAND		
4. PROJECT TITLE		5. PROJECTNUMB	ER
	UQUIGNIC DUAGE 1	A IVE0240	07
REPLACE MILITARY	· · · · · · · · · · · · · · · · · · ·	AJXF0340	07
a. Estimated Design Data			Design/Build
-			U
(1) Status:	0		01 4 15
(a) Date Desig			01 Aug 15
	Cost Estimate used to develop costs mplete as of Jan 2002		N 35
( d ) Date 35%			01 <b>Dec</b> 15
(e) Date Desig			02 May 15
	idy/Life-Cycle analysis was performed;		02 may 10
(2) Basis:			
	Definitive Design -		NO
(b) Where desig	n was most recently used -		N/A
(3) Total Cost $(a)$ =	(a) + (b) or (d) + (e):		(\$450)
	of Plans and Specifications		(\$430)
(b) All other D			0
(c) Total			450
(d) Contract			450
(e) In-house			
(4) Construction Sta	rt		03Mar
(5) Construction Co	mpletion		04Jun
b. Equipment associated	with this project will be provided from other appropria	tions: N/A	

WILLIART FAMILT HOUS	ING JUSTIFICATION I. DA	TE OF REPORT Apr-01			2. FISCAL 2003	YEAR	REPORT C		YMBOL
DOD COMPONENT	4. REPORTING INSTALLATION				2003		DD-AGL(Ar	91710	
AIR FORCE	a. NAME				b. LOCATI	ON			
5. DATA AS OF	ANDREWS AFB	1	Phase IA			MARYLAN	C		
2001	_								
ANALYS	is	CURRE				PROJ	ECTED		
OF		OFFICER	•	E6-E1	TOTAL	OFFICER			ΤΟΤΑΙ
REQUIREMENTS		(a)	(b)	(c)	(d)	(e)	<u>(f)</u>	(g)	(h)
5. TOTAL PERSONNEL S	STRENGTH	4 955	070		0.050	4 000			
. PERMANENT PARTY	DEDSONNEL	1,355	979	3,924	6,258	1,338	838	3,361	9537
, FERMANENT FARIT	PERSONNEL	1,355	979	3,924	6,258	1,338	838	3,361	5,537
1. GROSS FAMILY HOU	SING REQUIREMENTS	.,		0,024	0,200	1,000	000	3,301	0,007
		922	829	2,280	4,031	911	710	1,953	3,574
. TOTAL UNACCEPTAB	LY HOUSED (a + b + c)			14 A. A. A.					
		1	0	52	53				
a. INVOLUNTARILY	SEPARATED	٥	0	0					
. IN MILITARY HOU									
DISPOSED/REPL		1	0	52	53				
	HOUSED IN COMMUNITY								
		0	0	0	0				_
0. VOLUNTARY' SEPARA	TIONS					40	40		
		. 11	27	31	<u>69</u>	10	<u>12</u>	14	36
1. EFFECTIVE HOUSING	REQUIREMENTS	911	802	2,249	3,962	004		1.939	3,538
2. HOUSING ASSETS (a	+ b)	711	004	2,249	3,302	901	898	1,000	0,000
	+ 6)	910	802	2.197	3.999	909	898	1,887	3,485
a. UNDER MILITARY	CONTROL								
		479	802	1,448 l	2,627	479	602	1,446	2,527
(1) HOUSED IN E				1.446	0 577				0.507
OWNED/CON		479	602	1,440	2,527	479	602	1,446	2,527
(2) UNDER CON	TRACT/APPROVED					0	0	0	0
(3) VACANT					(7). (7).				
(0) 1710/111		0	0	0	0				
(4) INACTIVE									
		0	0	0	0				
b. PRIVATE HOUSIN	lĞ	401	000	754	1.382	421	96	441	958
(1) ACCEPTABLY	HOUSED	431	200	751			~~		
(I) ACCEPTABLY	HUUJED	431	200	751	1,382				
(2) ACCEPTABLE	VACANT RENTAL								
(=, ····==		n	0	0	0		·		· · • · · · · · · · · · · · · · · · · ·
3. EFFECTIVE HOUSING	DEFICIT			256 di <b>ma</b> ndrali di					
	-		0	-52	.53	<u>1</u> 5	0	52	53
4. PROPOSED PROJECT	•								[ 신문 문 문 문 말 봐?

Item 12.a.(1): 1396 on-base units are inadequate.

1. COMPONENT		EY 200	)3 MII	ITARY	CONST	RUCTIC	ON PRO	GRAM	2. DATE	
AIR FORCE		11200			001101				2. 0/(12	
INSTALLATION AND	D LOCATI	ON		COMM	AND:			5. AREA	A CONST	
ANDREWS AIR FOR	RCE BASE	E, MARYL	AND	AIR MO	OBILITY		1AND	COST IN		
								0.96		
6. Personnel	PE	RMANEN	Г	S	<b>FUDEN</b>	ГS	SU	PPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL.
AS OF 30 SEP 01	1054	3834	2477	10	19		334	1101	462	9,291
END FY 2005	1046	3469	2497	6	19		334	1101	462	8,934
7. INVENTORY DAT	A (\$000)									
Total Acreage:		4,996								
Inventory Total as of	: (30 Sep	01)								<b>477,32</b> 1
Authorization Not Yes	t in Invent	ory:								<b>5,16</b> 3
4uthorization Reques										<b>8,80</b> 7
Authorization Included		•	Program	n:	(FY 20	04)				<b>8,49</b> 1
Planned in Next Thre		Program:								11,719
Remaining Deficiency	y:									90,701D
Grand Total:										<b>602,20</b> 1
	-	-								
3. PROJECTS REQ	JESTED	IN THIS P	ROGF	RAM:			(FY 200	3)		
								000T	DECION	0747116
CATEGORY										STATUS
	PROJEC					SCOPE	<u>.</u>		TART (	
7711-142	Replace	Family Ho	using			52 UN		8,807	Jun-01	Jul-0:2
9a. Future Projects:	lacludad i	n tha Fall	owing	Drogram	0. (EV2)	204				
			owing	Flogran	n. (F 1 2)	504)				
i'11-142	Replace	Family Ho	using			35 UN		8,491		
	-	-								
9b. Future Projects:	Typical Pl	anned Ne	xt Thr	ee Year	s:		(FY05-0	7)		
:44.440	Deplese					400 1111		44 740		
i'11-142	Replace	Family Ho	using			108 UN		11,719		
<b>9c</b> . Real Propery Mai	ntenance	Backlog 1	This In	etallatio	0					126,072
10. Mission or Major						of fixed	wing and	rotory ai	rcroft	120,012
responsible for Presid										al
Agencies; Air Nation										
Air Force Reserve Co					i Nation			griter with	y, and an	
			t wing							

DD Form 1390, 24 Jul 00

1. COMPONENT							2. DATE
AIR FORCE	FY 2003 N	IILITARY CO	NSTRU	ICTION	PROJEC	CT DATA	
3. INSTALLATION AND LOC	ATION			4. PROJE			
						ARY HOUSIN	NG PHASE 1 B
ANDREWS AIR FORCE 5. PROGRAM ELEMENT	BASE, MARYL		7. PRO	JECT NUM	<b>MBFR</b>	8 PROJECT	COST (\$000)
						0.1100201	
88741	7	<u>11-142</u> 9. COST		JXF0340	008	8,8	307
		9. 000					COST
MILITARY FAMILY HO			U/M U N		NTITY	UNIT COST	(\$000)
SUPPORTING FACILITY			LS	5		107,687	6,351 1,561
SITE IMPROVEMENT			LS				(325)
UTILITIES			LS				(409)
STREETS LANDSCAPING			LS LS				(175) (350)
DEMOLITION & ASB	ESTOS REMOV	AL	LS				(302)
SUBTOTAL							7,912
CONTINGENCY (5%) TOTAL CONTRACT CO	OT.						<u>396</u>
SUPERVISION INSPECT		RHEAD (6.0%)					<b>8,308</b> <u>499</u>
TOTAL REQUEST							8,807
AREA COST FACTOR	0.96						
10. DESCRIPTION OF P							
underground utilities, park energy efficiency, heating,							
as handicapped adaptable.							
				Project	Cost F	Per No	(\$000)
Pavarade Bedroor			<u>SM</u>	Factor	<u>GSM</u>	Units	<u>Total</u>
EI-E6 3 EI-E6 4	1,310 1,570		50 81	0.998 0.998	732 732	24 <u>28</u>	2,648 3,703
21-20 4	1,570	1,950	01	0.990	132	<u>52</u>	6,351
Maximum size: E1-E6/3 I	Bedroom (1420 N	JSF/1760 GSF):	El-E-6/4	Bedroom	(1790 NS	SF/2220 GSF)	
11. Requirement: 3,538	UN AD	EQUATE: 2,1	42 UN	SOBS	IANDARL	D: 1,396 UN	
PROJECT: Replace-Milita	ry Family Housi	ng Phase 1B (C	urrent Mi	ssion).			
<b>REQUIREMENT</b> : Project	will provide mod	lem and efficien	t housing	for milit	ary membe	rs and their fa	amilies assigned
at Andrews AFB. All units							
appealing living environments with the Housing Commun							
Guide, 5% will be construct						the All Force	Family Housing
,		<b>I</b>					

AIR FORCE

# FY 2003 MILITARY CONSTRUCTION PROJECT DATA

Z. DATE

#### 3. INSTALLATION AND LOCATION

#### ANDREWS AIR FORCE BASE, MARYLAND

#### 4. PROJECT TITLE

#### REPLACE MILITARY HOUSING, PHASE 1B

# 5. PROJECT NUMBER

### AJXF034008

CURRENT SITUATION: This project replaces houses constructed in the 1970s. The units are undersized, meet none of the "whole house/neighborhood" standards, and show the effects of age and continuous heavy use. They have had no major upgrades since construction and do not meet the needs of today's families. Roofs, walls, foundations and exterior pavements require major repair or replacement due to the effects of age. Roof structures show signs of rot. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency or safety. Housing interiors are inadequate by modern criteria. Bedrooms are small and lack closet space, and the fixtures are outdated. Kitchens lack sufficient storage and counter space, cabinets are old and unsightly, and countertops and sinks are badly worn. Flooring throughout the house is outdated and contains asbestos. Outlets lack grounding protection, and there is no Ground Fault Interrupter circuit protection. Lighting systems are inefficient and require replacement. The units have no backyard privacy.

IMPACT IF NOT PROVIDED: Air Force members and families will continue to be inadequately housed. Low morale and retention problems can be expected since comparable, affordable off-base housing is not available. Units will continue to deteriorate resulting in escalating operations, maintenance and repair cost to the Government. ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facilities Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project. The cost to improve this housing is 70% of the replacement cost. Since this is replacement housing, there will be no increase in student population or impact on the ability of the local school district to support base dependents. The construction agent for this project is the Naval Facilities Engineering Command resulting in SIOH cost of 6%. Base Civil Engineer: Major John Prater (301) 981-7281.

FY 2003 MILITARY CONSTRUC		
	CTION PROJECT DATA	
CATION		
E BASE. MARYLAND		
	5. PROJECT NUMB	ER
HOUSING PHASE 1B	A IXF0340	าร
1		
		Design/Build
m Started		01 Aug 15
		N N
		35
		01 Dec 15
		02 May 15
		5
		NO
n was most recently used -		N/A
(a) + (b) or (d) + (e):		(\$450)
		45
		(
C		450
		45
rt		03Mar
mpletion		04Jun
with this project will be provided from othe	er appropriations: N/A	
	CATION E BASE, MARYLAND HOUSING, PHASE 1B DATA: :: m Started Cost Estimate used to develop costs mplete as of Jan 2002 Designed m Complete idy/Life-Cycle analysis was performed; Definitive Design - n was most recently used - = $(a) + (b)$ or $(d) + (e)$ : of Plans and Specifications Design Costs urt mpletion with this project will be provided from other	E BASE, MARYLAND       5. PROJECT NUMB         HOUSING, PHASE 1B       AJXF03400         DATA:          gn Started       Cost Estimate used to develop costs         Cost Estimate used to develop costs          mplete as of Jan 2002       Designed         Designed          m Complete          dy/Life-Cycle analysis was performed;          Definitive Design -          n was most recently used - $= (a) + (b)$ or $(d) + (e)$ :          of Plans and Specifications          Design Costs

MILITARY FAMILY HOU		1. DATE O	F REPOR Apr-01	т		2. FISCAL 2003	YEAR	REPORT	CONTROL : R)1716	SYMBOL
3. DOD COMPONENT	4. REPORTING INST	ALLATION				•				
AIR FORCE	a. NAME					b. LOCAT				
5. DATA AS OF	ANDREWS	AFB		Phase 1B			MARYLAN	D		
Jan-01 ANALY	212		CURF						1	1
OF		E E	OFFICER	E9-E7	E6-E1	TOTAL	OFFICER	JECTED E9-E7	E6-E1	τοτα
REQUIREMENTS		(a		c) (c)		(d)	( e		(g)	IUIA
. TOTAL PERSONNEL	STRENGTH		·			-/		<u></u>	(3/	
			1.355	979	3.924	6.258	1.338	838	3.361	5,537
. PERMANENT PARTY	PERSONNEL									
. GROSS FAMILY HOU			1.355	979	3.924	6,258	1,338	638	3.361	5,537
. GRUSS FAMILT HOU	SING REQUIREMENTS		922	829	2.280	4,031	911	710	1,953	3,574
. TOTAL UNACCEPTAB	LY HOUSED (a + b + c)		011	020	2,200	4,001			1,000	Uj01-
	ζ γ		0	0	52	52				
a. INVOLUNTARILY	SEPARATED									
b. IN MILITARY HO			0	0	0	0				
DISPOSED/REPL			0	l cl	o					
	HOUSED IN COMMUNIT	Y I	•		<u> </u>					
		L	D.	0	52	52				
D. VOLUNTARY SEPAR	ATIONS									aya na watan ing
. EFFECTIVE HOUSING			11	27	31	69	10	12	14	36
I. EFFECTIVE HOUSING	5 REQUIREMENTS		911	802	2.249	3,962	901	698	1,939	3,636
2. HOUSING ASSETS (a	+ b)		<b>V</b> 11	002		0,302		000	1,000	3,000
•	•		Q10	802	2 129	3,841	901	698	1.687	3,466
a. UNDER MILITAR	Y CONTROL	1. T								
(1) HOUSED IN			479	602	1.378	2,459	480	602	1,446	2,528
OWNED/CON		1	479	602	1,378	2,459	479	602	1,378	2,459
(2) UNDER COM	TRACT/APPROVED				.,	Contraction of the second state of the second			.,	
							1	0	68	69
(3) VACANT		1			•					
(4) INACTIVE			0	0	0	0				
			0	0	0	0				
b. PRIVATE HOUSI	NG				1997 C.					
			431	200	751	1,382	421	96	441	958
(1) ACCEPTABL	Y HOUSED									
			431	200	751	1,382				
(2) AUGEPTABLE	E VACANT RENTAL		0	0	0	0				
B. EFFECTIVE HOUSING	DEFICIT		v	~	~					
			1.	0		121	0	0	52	52
. PROPOSED PROJEC	Г									
							0	0	52	52

Item 12.a.(1): 1396 on-base units are inadequate.

DD FORM 1523, NOV 90

3. INSTALLATION		compute	r gener	ION PROJECT		2. DATE
	AND LOCATION			4. PROJECT	TITLE	I
COLUMBUS AIR FOR	RCE BASE, MISSISSIPPI				MENT OFFICE	
5. PROGRAM ELEM	ENT 6. CATEGORY COD	E 7	7. PROJ	ECT NUMBER	8. PROJEC	T COST (\$000)
88741	610-119		REP	Z034001		412
		ST EST	TIMATES			112
	ITEM		U/M	OUANTITY	UNIT	COST
PAM HSG MGT OFC			SM	200	1,288	25
SUPPORTING FACIL	ITIES				_,	114
UTILITIES						
PAVEMENTS						(4)
SITE IMPROVEMEN	me					(4)
COMMUNICATIONS						(18
	N MEASURES (0.5%)		LS			(19
SUBTOTAL						•
						372
CONTINGENCY (!	5%)				-	19
		(	、			390
-	PECTION AND OVERHEAD	(5.5%	)		+	21
OTAL REQUEST			81			412
	, beamaing beam meea			O WAC. KYI		des asphalt
Lrive and parking	g, construction of a f	enced y	• •			des asphalt
Lrive and parking rir Conditioning: L1. REQUIREMENT	20 KW.	ADEQUA	playgro	ound, and la	undscaping.	des asphalt RD: 1495M
Lrive and parking rir Conditioning: L1. REQUIREMENT 'ROJECT: Constru	20 KW. 2: 200SM Act a Family Housing	ADEQUA Managem	playgro ATE: OS	ound, and la SM fice (Curren	undscaping. SUBSTANDA ht Mission).	RD: 1495M
Lrive and parking rir Conditioning: L1. REQUIREMENT 'ROJECT: Constru EQUIREMENT: An	20 KW. 2: 2005M Act a Family Housing Military Family Housing	ADEQU2 Managem ng Mana	ATE: OS ment Off	ound, and la SM fice (Curren office that	SUBSTANDA t Mission).	RD: 1495M e in size and
Lrive and parking rir Conditioning: L1. REQUIREMENT 'ROJECT: Constru 'EQUIREMENT: A m provides the nece	20 KW. 2: 200SM Act a Family Housing	ADEQUA Managem ng Mana assist	ATE: OS ment Officient and sup	ound, and la SM fice (Curren office that oport the fa	SUBSTANDA SUBSTANDA ht Mission). is adequat amily member	RD: 1495M e in size and
Lrive and parking rir Conditioning: L1. REQUIREMENT 'ROJECT: Constru 'EQUIREMENT: A m provides the nece	20 KW. 2: 2005M Act a Family Housing Military Family Housing Assary work areas to a	ADEQUA Managem ng Mana assist	ATE: OS ment Officient and sup	ound, and la SM fice (Curren office that oport the fa	SUBSTANDA SUBSTANDA ht Mission). is adequat amily member	RD: 1495M e in size and

Page No.

2. DATE

1. COMPONENT			2. DATE
AIR FORCE	FY 2003 MILITARY CONSTRUCTION PRO	DJECT DATA	
3. INSTALLATION AND LO	CATION		
COLUMBUS AIR FOR	CE BASE, MISSISSIPPI	5. PROJECT NUMBE	D
4. PROJECT TITLE		5. FROJECT NUMBE	ĸ
MFH MANAGEMENT		EEPZ034001	1
12. SUPPLEMENTAL			
a. Estimated Design Data	:		Design/Build
(1) Status:			
(a) Date Desig	n Started		01 Aug 25
	Cost Estimate used to develop costs		N
	mplete as of Jan 2002		35
(d) Date 35%			01 Dec 20
(e) Date Desig			02 May 20
	dy/Life-Cycle analysis was performed;		
(2) Basis:			
(a) Standard or	Definitive Design -		NO
(b) Where desig	n was most recently used -		N/A
			(***
	(a) + (b)  or  (d) + (e):		(\$20)
	of Plans and Specifications		20
(b) All other I	Design Costs		0
(c) Total			20
(d) Contract			20
(e) In-house			
(4) Construction Sta	rt		03 Apr
(5) Construction Co	mpletion		04 Jul
b. Equipment associated	with this project will be provided from other appropriation	ons: N/A	

1. COMPONENT		FY 2003	3 MIL	ITARY	CONSTR	UCTIO	n Pr	OG	RAM	2. [	DATE	
AIR FORCE												
INSTALLATION AND				COMM					5. ARE			
KEESLER AIR FORG	CE BASE,		1		OUCATIO			0	COST I		Х	
MISSISSIPPI				TRAIN	ING COM	1MAND			0.92			
6. Personnel		RMANENT			TUDENTS				PORTE		-	
Strength	OFF		CIV	OFF		CIV		FF	ENL		CIV	TOTAL
AS OF 30 SEP 01	960		2740	4501				78	1680		84	17177
END FY 2005	847	2763	2739	439	2819			78	1680	)	84	11,449
7. INVENTORY DAT	A (\$000)											
Total Acreage:	(a.a. <b>a</b>	1,611										
Inventory Total as of	•	,										388,669
Authorization Not Yet		•										154,055
Authorization Reques		•										16,505
Authorization Include			ogram	:	(FY 2004	.)						4,432
Planned in Next Thre		Program:										а
Remaining Deficiency	/:											0
Grand Total:												563,661
8. PROJECTS REQU	JESTED	IN THIS PR	OGR/	AM:			(FY 2	003	)			
CATEGORY									COST	DE	SIGN	STATUS
CODE	PROJEC	<u>T TITLE</u>			<u>S</u>	COPE		\$	,000 S	TA	<u>R T</u>	CMPL
71 I-142	Replace	Family Hous	sing		1	17 UN			16,50	5 Ju	in-01	Jul-02
		-	-									
9a. Future Projects: I	ncluded i	n the Follov	ving F	Program	1:	(FY2	2004)					
		n the Follow Family Hous		Program		(FY2 4 UN	2004)		4,432			
				Program		•	2004)		4,432			
	Replace	Family Hous	sing	-	34	•	2004)		4,432			
	Replace	Family Hous	sing	-	34	4 UN	2004)		4,432			
9b. Future Projects:	Replace Typical Pl	Family Hous anned Next	sing Thre	e Years	34 s: N	4 UN	2004)		4,432			112,176
9b. Future Projects: <sup>-</sup> 9c. Real Propery Mai	Replace Typical Pl ntenance	Family Hous anned Next Backlog Th	Thre is Ins	e Years	34 5: N	4 UN Jone		ing			for	112,176
9b. Future Projects: <sup>-</sup> 9c. Real Propery Mai 10. Mission or Maior	Replace Typical Pl ntenance Functions	Family Hous anned Next Backlog Th :: Headquart	Thre is Ins	e Years tallation econd A	34 s: N Air Force;	4 UN None a train	ing wi		respons	sible	for	112,176
<ul> <li>9b. Future Projects: <sup>-</sup></li> <li>9c. Real Propery Mai</li> <li>10. Mission or Maior</li> <li>communications, election</li> </ul>	Replace Typical Pl ntenance Functions ctronics, a	Family Hous anned Next Backlog Th :: Headquart nd administi	Thre is Ins ters S rative	e Years tallation econd <i>i</i> courses	34 :: N Air Force; s and a C	4 UN Jone a train -12/C-	ing wi 21 airl	ift s	respons	sible		
9b. Future Projects: 9c. Real Propery Mai 10. Mission or Maior communications, electoresponsible for aircret	Replace Typical Pl ntenance Functions tronics, a w training	Family Hous anned Next Backlog Th :: Headquart nd administr ; an Air Forc	Thre is Ins ters S rative ce Ma	e Years tallation econd A courses terial Co	34 :: N Air Force; s and a C command of	4 UN None a train c-12/C- engine	ing wi 21 airl ering i	ift s nsta	respons quadro allation	sible n grou	p; an J	
9b. Future Projects: 9c. Real Propery Mai 10. Mission or Maior communications, elec responsible for aircre Force Reserve airlift	Replace Typical Pl ntenance Functions tronics, a w training wing with	Family Hous anned Next Backlog Th :: Headquart nd administi ; an Air Forc one C-I 30 s	Thre is Ins ters S rative ce Ma squad	e Years tallation econd A courses terial Co ron and	34 :: N Air Force; s and a C command of	4 UN None a train c-12/C- engine	ing wi 21 airl ering i	ift s nsta	respons quadro allation	sible n grou	p; an J	
9b. Future Projects: 9c. Real Propery Mai 10. Mission or Maior communications, electoresponsible for aircret	Replace Typical Pl ntenance Functions tronics, a w training wing with	Family Hous anned Next Backlog Th :: Headquart nd administi ; an Air Forc one C-I 30 s	Thre is Ins ters S rative ce Ma squad	e Years tallation econd A courses terial Co ron and	34 :: N Air Force; s and a C command of	4 UN None a train c-12/C- engine	ing wi 21 airl ering i	ift s nsta	respons quadro allation	sible n grou	p; an J	
9b. Future Projects: 9c. Real Propery Mai 10. Mission or Maior communications, elec responsible for aircre Force Reserve airlift	Replace Typical Pl ntenance Functions tronics, a w training wing with	Family Hous anned Next Backlog Th :: Headquart nd administi ; an Air Forc one C-I 30 s	Thre is Ins ters S rative ce Ma squad	e Years tallation econd A courses terial Co ron and	34 :: N Air Force; s and a C command of	4 UN None a train c-12/C- engine	ing wi 21 airl ering i	ift s nsta	respons quadro allation	sible n grou	p; an J	
9b. Future Projects: 9c. Real Propery Mai 10. Mission or Maior communications, elec responsible for aircre Force Reserve airlift	Replace Typical Pl ntenance Functions tronics, a w training wing with	Family Hous anned Next Backlog Th :: Headquart nd administi ; an Air Forc one C-I 30 s	Thre is Ins ters S rative ce Ma squad	e Years tallation econd A courses terial Co ron and	34 :: N Air Force; s and a C command of	4 UN None a train c-12/C- engine	ing wi 21 airl ering i	ift s nsta	respons quadro allation	sible n grou	p; an J	
9b. Future Projects: 9c. Real Propery Mai 10. Mission or Maior communications, elec responsible for aircre Force Reserve airlift	Replace Typical Pl ntenance Functions tronics, a w training wing with	Family Hous anned Next Backlog Th :: Headquart nd administi ; an Air Forc one C-I 30 s	Thre is Ins ters S rative ce Ma squad	e Years tallation econd A courses terial Co ron and	34 :: N Air Force; s and a C command of	4 UN None a train c-12/C- engine	ing wi 21 airl ering i	ift s nsta	respons quadro allation	sible n grou	p; an J	
9b. Future Projects: 9c. Real Propery Mai 10. Mission or Maior communications, elec responsible for aircre Force Reserve airlift	Replace Typical Pl ntenance Functions tronics, a w training wing with	Family Hous anned Next Backlog Th :: Headquart nd administi ; an Air Forc one C-I 30 s	Thre is Ins ters S rative ce Ma squad	e Years tallation econd A courses terial Co ron and	34 :: N Air Force; s and a C command of	4 UN None a train c-12/C- engine	ing wi 21 airl ering i	ift s nsta	respons quadro allation	sible n grou	p; an J	
9b. Future Projects: 9c. Real Propery Mai 10. Mission or Maior communications, elec responsible for aircre Force Reserve airlift	Replace Typical Pl ntenance Functions tronics, a w training wing with	Family Hous anned Next Backlog Th :: Headquart nd administi ; an Air Forc one C-I 30 s	Thre is Ins ters S rative ce Ma squad	e Years tallation econd A courses terial Co ron and	34 :: N Air Force; s and a C command of	4 UN None a train c-12/C- engine	ing wi 21 airl ering i	ift s nsta	respons quadro allation	sible n grou	p; an J	
9b. Future Projects: 9c. Real Propery Mai 10. Mission or Maior communications, elec responsible for aircre Force Reserve airlift	Replace Typical Pl ntenance Functions tronics, a w training wing with	Family Hous anned Next Backlog Th :: Headquart nd administi ; an Air Forc one C-I 30 s	Thre is Ins ters S rative ce Ma squad	e Years tallation econd A courses terial Co ron and	34 :: N Air Force; s and a C command of	4 UN None a train c-12/C- engine	ing wi 21 airl ering i	ift s nsta	respons quadro allation	sible n grou	p; an J	
9b. Future Projects: 9c. Real Propery Mai 10. Mission or Maior communications, elec responsible for aircre Force Reserve airlift	Replace Typical Pl ntenance Functions tronics, a w training wing with	Family Hous anned Next Backlog Th :: Headquart nd administi ; an Air Forc one C-I 30 s	Thre is Ins ters S rative ce Ma squad	e Years tallation econd A courses terial Co ron and	34 :: N Air Force; s and a C command of	4 UN None a train c-12/C- engine	ing wi 21 airl ering i	ift s nsta	respons quadro allation	sible n grou	p; an J	
9b. Future Projects: 9c. Real Propery Mai 10. Mission or Maior communications, elec responsible for aircre Force Reserve airlift	Replace Typical Pl ntenance Functions tronics, a w training wing with	Family Hous anned Next Backlog Th :: Headquart nd administi ; an Air Forc one C-I 30 s	Thre is Ins ters S rative ce Ma squad	e Years tallation econd A courses terial Co ron and	34 :: N Air Force; s and a C command of	4 UN None a train c-12/C- engine	ing wi 21 airl ering i	ift s nsta	respons quadro allation	sible n grou	p; an J	
9b. Future Projects: 9c. Real Propery Mai 10. Mission or Maior communications, elec responsible for aircre Force Reserve airlift	Replace Typical Pl ntenance Functions tronics, a w training wing with	Family Hous anned Next Backlog Th :: Headquart nd administi ; an Air Forc one C-I 30 s	Thre is Ins ters S rative ce Ma squad	e Years tallation econd A courses terial Co ron and	34 :: N Air Force; s and a C command of	4 UN None a train c-12/C- engine	ing wi 21 airl ering i	ift s nsta	respons quadro allation	sible n grou	p; an J	
9b. Future Projects: 9c. Real Propery Mai 10. Mission or Maior communications, elec responsible for aircre Force Reserve airlift	Replace Typical Pl ntenance Functions tronics, a w training wing with	Family Hous anned Next Backlog Th :: Headquart nd administi ; an Air Forc one C-I 30 s	Thre is Ins ters S rative ce Ma squad	e Years tallation econd A courses terial Co ron and	34 :: N Air Force; s and a C command of	4 UN None a train c-12/C- engine	ing wi 21 airl ering i	ift s nsta	respons quadro allation	sible n grou	p; an J	
9b. Future Projects: 9c. Real Propery Mai 10. Mission or Maior communications, elec responsible for aircre Force Reserve airlift	Replace Typical Pl ntenance Functions tronics, a w training wing with	Family Hous anned Next Backlog Th :: Headquart nd administi ; an Air Forc one C-I 30 s	Thre is Ins ters S rative ce Ma squad	e Years tallation econd A courses terial Co ron and	34 :: N Air Force; s and a C command of	4 UN None a train c-12/C- engine	ing wi 21 airl ering i	ift s nsta	respons quadro allation	sible n grou	p; an J	
9b. Future Projects: 9c. Real Propery Mai 10. Mission or Maior communications, elec responsible for aircre Force Reserve airlift	Replace Typical Pl ntenance Functions tronics, a w training wing with	Family Hous anned Next Backlog Th :: Headquart nd administi ; an Air Forc one C-I 30 s	Thre is Ins ters S rative ce Ma squad	e Years tallation econd A courses terial Co ron and	34 :: N Air Force; s and a C command of	4 UN None a train c-12/C- engine	ing wi 21 airl ering i	ift s nsta	respons quadro allation	sible n grou	p; an J	

	_	N/ 6665		001055	07:00		OT 5 . 5 .	2. DATE
AIR FORCE	F	Y 2003	MILITARY	CONSTRU	CTION	PROJE	CT DATA	
3. INSTALLATION A	ND LOCATIO	N			4. PROJE			
KEESLER AIR FO	OPCE BAS	E MISSIS	SIDDI		REPLAC	E FAMII	LY HOUSING	PHASE 1
5. PROGRAM ELEM			SORY CODE	7. PRO	JECT NUN	IBER	8. PROJECT	COST (\$000)
88741			711-142	N DST ESTIMAT	1AHG024	005	16	5,505
			9. 00					COST
	ITE			U/M	QUAN		UNIT COST	(\$000)
MILITARY FAMI		NG		UN	11	17	96,897	11,337
SUPPORTING FA				LS LS				3,534
UTILITIES								(560) (445)
STREETS				LS				(410)
LANDSCAPING				LS				(218)
DEMOLITION &	-	OS REMO	VAL	LS				(350)
PATIOS/GARAC	GES							<u>(1.251</u> )
SUBTOTAL CONTINGENCY (	(50/)							14,871
TOTAL CONTRA								<u>744</u> 15,615
SUPERVISION IN		AND OV	ERHEAD (5.	7%)				890
TOTAL REQUES			<b>X</b> <sup>2</sup>					16,505
10. DESCRIPTION			NSTREATIO	N. Poplaco 1	17 unite 1	to include	one General (	Officer Quarters
(GOQ), with all ne air conditioning, er Includes the abaten	ecessary ame nergy conser	enities and a ving featur	supporting fac es, parking, e	cilities. Projec xterior patios	t includes and priva	s site prep acy fencin	aration, attach g and supporti	ing infrastructure.
(GOQ), with all ne air conditioning, er Includes the abaten	ecessary ame nergy conser nent of asbes	enities and a ving featur stos contain	supporting fac es, parking, e ning material a	cilities. Project xterior patios and lead base	et includes and priva paint, and <b>Project</b>	s site prep acy fencin I the demo <b>Cost</b>	aration, attach g and supporti olition of 117 Per No	ed car garages, ing infrastructure. units. (\$000)
(GOQ), with all ne air conditioning, er Includes the abaten <u>Pavarade</u>	ecessary ame nergy conser nent of asbes <u>Bedroom</u>	enities and a ving featur stos contair <u>NSF</u>	supporting fac es, parking, e ning material a <u>GSF</u>	cilities. Project xterior patios and lead base <u>GSM</u>	et includes and priva paint, and Project <u>Factor</u>	s site prep acy fencin I the demo Cost <u>GSM</u>	aration, attach g and supporti olition of 117 Per No <u>Units</u>	ed car garages, ing infrastructure. units. (\$000) <u>Total</u>
(GOQ), with all ne air conditioning, er Includes the abaten	ecessary ame nergy conser nent of asbes	enities and s ving featur stos contain <u>NSF</u> 1,081 1,315	supporting fac es, parking, e ning material a <u>GSF</u> 1,340 1,630	cilities. Project xterior patios and lead base	et includes and priva paint, and Project <u>Factor</u> 0.920 0.920	s site prep acy fencin I the demo Cost <u>GSM</u> 732 732	aration, attach g and supporti olition of 117 Per No <u>Units</u> 50 54	ed car garages, ing infrastructure. units. (\$000) <u>Totał</u> 4,175 5,491
(GOQ), with all ne air conditioning, er Includes the abaten <u>Pavarade</u> EI-E6 EI-E6 EI-E6 EI-E6	ecessary ame nergy conser nent of asbes <u>Bedroom</u> 2 3 4	enities and s ving featur stos contain <u>NSF</u> 1,081 1,315 1,573	supporting fac es, parking, e ing material a <u>GSF</u> 1,340 1,630 1,950	cilities. Project xterior patios and lead base <u>GSM</u> 124 150 181	et includes and priva paint, and Project <u>Factor</u> 0.920 0.920 0.920	s site prep cy fencin l the demo Cost <u>GSM</u> 732 732 732 732	aration, attach g and supporti olition of 117 Per No <u>Units</u> 50 54 12	ed car garages, ing infrastructure. units. (\$000) <u>Totai</u> 4,175 5,491 1,463
(GOQ), with all ne air conditioning, er Includes the abaten <u>Pavarade</u> EI-E6 EI-E6 EI-E6	ecessary ame nergy conser nent of asbes <u>Bedroom</u> 2 3	enities and s ving featur stos contain <u>NSF</u> 1,081 1,315	supporting fac es, parking, e ning material a <u>GSF</u> 1,340 1,630	cilities. Project xterior patios and lead base <u>GSM</u> 124 150	et includes and priva paint, and Project <u>Factor</u> 0.920 0.920	s site prep acy fencin I the demo Cost <u>GSM</u> 732 732	aration, attach g and supporti olition of 117 Per No <u>Units</u> 50 54 12 <u>1</u>	ed car garages, ing infrastructure. units. (\$000) <u>Totał</u> 4,175 5,491 1,463 <u>208</u>
(GOQ), with all ne air conditioning, er Includes the abaten <u>Pavarade</u> EI-E6 EI-E6 EI-E6 07 Maximum size: E1-	Bedroom 2 3 4 4 -E6/2 Bedro	enities and s ving featur stos contain <u>NSF</u> 1,081 1,315 1,573 2,686 om (1210 I	supporting fac es, parking, en ing material a <u>GSF</u> 1,340 1,630 1,950 3,330	GSM 124 150 181 309 5F), E1-E6/3	t includes and priva paint, and <u>Froject</u> <u>Factor</u> 0.920 0.920 0.920 0.920 Bedroom	s site prep levy fencin l the demo Cost <u>GSM</u> 732 732 732 732 (1420 NS	aration, attach g and supporti- olition of 117 v Per No <u>Units</u> 50 54 12 <u>1</u> 117 SF/1760 GSF)	ed car garages, ing infrastructure. units. (\$000) <u>Totał</u> 4,175 5,491 1,463
GOQ), with all ne ir conditioning, er includes the abaten <u>Pavarade</u> EI-E6 EI-E6 07 Maximum size: E1- El- II. Requirement: <u>PROJECT</u> : Replace	Excessary amenergy consernent of asbest Bedroom 2 3 4 -E6/2 Bedro -E-6/4 Bedro 2,441 UN e-Military Fa	enities and siving featur stos contain <u>NSF</u> 1,081 1,315 1,573 2,686 om (1210 f oom (1210 f oom (1790 Al amily Hous	supporting fac es, parking, en ing material a <u>GSF</u> 1,340 1,630 1,950 3,330 NSF11500 GS NSF/2220 GS DEQUATE: sing Phase 1 (	GSM 124 150 181 309 GF), E1-E6/3 SF); 07 - 4 B 1,081 UN (Current Miss	et includes and priva paint, and <u>Froject</u> <u>Factor</u> 0.920 0.920 0.920 0.920 Bedroom edroom (3 SUBST sion).	s site prep lecy fencin l the demo <b>Cost</b> <b>GSM</b> 732 732 732 732 (1420 NS 3270 NSF ANDARE	aration, attach g and supportion olition of 117 f Per No <u>Units</u> 50 54 12 <u>1</u> 17 3F/1760 GSF) 74060 GSF) 0: 1,360 UN	ed car garages, ing infrastructure. units. (\$000) <u>Total</u> 4,175 5,491 1,463 <u>208</u> 11,337
GOQ), with all ne iir conditioning, er ncludes the abaten EI-E6 EI-E6 EI-E6 07 Maximum size: E1- E1- Maximum size: E1- E1- E1- Maximum size: E1- E1- E1- Maximum size: E1- E1- E1- E1- E1- E1- E1- E1- E1- E1-	Excessary american and the second sec	enities and siving features stos containes 1,081 1,315 1,573 2,686 oom (1210 House) is required	supporting fac es, parking, en ing material a <u>GSF</u> 1,340 1,630 1,950 3,330 NSF11500 GS NSF/2220 GS DEQUATE: sing Phase 1 ( I to provide m	GSM 124 150 181 309 GF), E1-E6/3 SF); 07 - 4 B 1,081 UN (Current Missiodern and eff	et includes and priva paint, and <u>Froject</u> <u>Factor</u> 0.920 0.920 0.920 Bedroom edroom (2 SUBST sion).	s site prep locy fencin l the demo Cost <u>GSM</u> 732 732 732 732 (1420 NS 3270 NSF ANDARE	aration, attach g and supportion olition of 117 f Per No <u>Units</u> 50 54 12 <u>1</u> 117 3F/1760 GSF) 74060 GSF) 0: 1,360 UN military member	ed car garages, ing infrastructure. units. (\$000) <u>Total</u> 4,175 5,491 1,463 <u>208</u> 11,337
(GOQ), with all ne air conditioning, er Includes the abaten EI-E6 EI-E6 07 Maximum size: E1- EI- I1. Requirement: <u>PROJECT</u> : Replace <u>REQUIREMENT</u> :	Excessary ame nergy conser nent of asbes Bedroom 2 3 4 -E6/2 Bedro -E-6/4 Bedro c-E-6/4 Bedro c-2,441 UN e-Military F This project d at Kessler	nities and siving features stos containes <u>NSF</u> 1,081 1,315 1,573 2,686 om (1210 House) oom (1790 All amily House) is required AFB. All	supporting fac es, parking, en ing material a <u>GSF</u> 1,340 1,630 1,950 3,330 NSF11500 GS NSF/2220 GS DEQUATE: sing Phase 1 ( I to provide m units will med	GSM 124 150 181 309 SF), E1-E6/3 SF); 07 - 4 B 1,081 UN (Current Miss odern and eff et modem ho	et includes and priva paint, and <u>Froject</u> <u>Factor</u> 0.920 0.920 0.920 0.920 Bedroom edroom (2 SUBST sion). ficient hou using stan	s site prep locy fencin l the demo Cost <u>GSM</u> 732 732 732 732 (1420 NSF ANDARE using for r dards and	aration, attach g and supportion olition of 117 m Per No <u>Units</u> 50 54 12 <u>1</u> 17 3F/1760 GSF) 74060 GSF) 0: 1,360 UN nilitary member are programm	ed car garages, ing infrastructure. units. (\$000) <u>Total</u> 4,175 5,491 1,463 <u>208</u> 11,337
(GOQ), with all ne air conditioning, er Includes the abaten EI-E6 EI-E6 EI-E6 07 Maximum size: E1- E1- E1- E1- E1- E1- E1- E1- E1- E1-	Bedroom 2 3 4 -E6/2 Bedro -E-6/4 Bedro -E-6/4 Bedro -E-6/4 Bedro community I	enities and siving featur stos contain <u>NSF</u> 1,081 1,315 1,573 2,686 oom (1210 I oom (1790 Al amily Hous is required AFB. All Profile. The	supporting factors, parking, ending material a <u>GSF</u> 1,340 1,630 1,950 3,330 NSF11500 GS NSF/2220 GS DEQUATE: sing Phase 1 ( 1 to provide munits will means the housing will	GSM 124 150 181 309 GF), E1-E6/3 SF); 07 - 4 B 1,081 UN (Current Missiodern and effiet modem ho provide safe	t includes and priva paint, and <b>Project</b> <u>Factor</u> 0.920 0.920 0.920 0.920 0.920 0.920 subst sion). ficient hou using stan , comforta	s site prep ley fencin l the demo Cost <u>GSM</u> 732 732 732 732 (1420 NS 3270 NSF CANDARE Using for r dards and able, and a	aration, attach g and supporti- olition of 117 v Per No <u>Units</u> 50 54 12 <u>1</u> 117 SF/1760 GSF) 74060 GSF) D: 1,360 UN nilitary member l are programmappealing livin	ed car garages, ing infrastructure. units. (\$000) <u>Total</u> 4,175 5,491 1,463 <u>208</u> 11,337 ers and their ned in accordance ing environment
(GOQ), with all ne air conditioning, er includes the abaten Pavarade EI-E6 EI-E6 07 Maximum size: E1- EI- EI- EI-E6 07 Maximum size: E1- EI- EI- EI-E6 07 Maximum size: E1- EI- EI- EI- EI- EI- EI- EI- EI	Excessary ame nergy conser nent of asbes Bedroom 2 3 4 4 -E6/2 Bedro -E-6/4 Bedro -E-6/4 Bedro c-Military Fa This project d at Kessler Community I off-base civi	enities and si ving featur stos contain <u>NSF</u> 1,081 1,315 1,573 2,686 om (1210 I oom (1790 Al amily Hous is required AFB. All Profile. The lian comm	supporting factors, parking, explaining material a <u>GSF</u> 1,340 1,630 1,950 3,330 NSF11500 GS NSF/2220 GS DEQUATE: sing Phase 1 (1) to provide munits will mean the housing will unity. The dest	cilities. Project xterior patios and lead base <u>GSM</u> 124 150 181 309 SF), E1-E6/3 SF); 07 - 4 B 1,081 UN (Current Miss iodern and effi et modem ho provide safe sign will prov	t includes and priva paint, and <u>Froject</u> <u>Factor</u> 0.920 0.920 0.920 0.920 0.920 Bedroom (3 SUBST sion). ficient hou using stan , comforta ride a mod	s site prep levy fencin l the demo Cost <u>GSM</u> 732 732 732 732 (1420 NS 3270 NSF ANDARE using for r dards and able, and a dem kitche	aration, attach g and supporti- olition of 117 v Per No <u>Units</u> 50 54 12 <u>1</u> 117 37 37 37 36 4060 GSF) 25 4060 GSF) 55 4060 GSF) 57 4060 GSF) 57 4060 GSF) 57 4060 GSF) 57 4060 GSF) 58 40 50 54 12 12 12 12 117 50 54 12 12 12 12 12 12 12 12 12 12 12 12 12	ed car garages, ing infrastructure. units. (\$000) <u>Total</u> 4,175 5,491 1,463 <u>208</u> 11,337 ers and their ned in accordance og environment n, family room,
(GOQ), with all ne air conditioning, er includes the abaten <u>Pavarade</u> EI-E6 EI-E6 07 Maximum size: E1- EI- EI-E6 07 Maximum size: E1- EI-E6 07 Maximum size: E1- EI-E6 EI-E6 07 Maximum size: E1- EI-E6 EI-E	Excessary amenergy consernent of asbest Bedroom 2 3 4 -E6/2 Bedro -E-6/4 Bedro -E-6/4 Bedro 2,441 UN e-Military Fa This project d at Kessler Community I off-base civi configuration	enities and siving featur stos contain <u>NSF</u> 1,081 1,315 1,573 2,686 oom (1210 I oom (1790 Al amily Hous is required AFB. All Profile. The ilian commun, with amp	supporting factors, parking, example, parking, example, e	GSM 124 150 181 309 3F), E1-E6/3 3F); 07 - 4 B 1,081 UN (Current Miss iodern and eff et modem ho provide safe sign will prov d exterior sto	t includes and priva paint, and <u>Froject</u> <u>Factor</u> 0.920 0.920 0.920 0.920 Bedroom (S <b>SUBST</b> sion). Ficient hou using stan , comforta ride a moo rage. The	s site prep lecy fencin l the demo Cost <u>GSM</u> 732 732 732 732 (1420 NS 3270 NSF ANDARE using for r dards and able, and a lem kitche number of	aration, attach g and supporti- olition of 117 v Per No <u>Units</u> 50 54 12 <u>1</u> 17 57/1760 GSF) 74060 GSF) 0: 1,360 UN nilitary membel are programm appealing livin en, living room of bedrooms w	ed car garages, ing infrastructure. units. (\$000) <u>Total</u> 4,175 5,491 1,463 <u>208</u> 11,337 ers and their ned in accordance ag environment n, family room, vill range from
GOQ), with all ne air conditioning, er Includes the abaten <b>Pavarade</b> EI-E6 EI-E6 07 Maximum size: E1- El- II. Requirement: PROJECT: Replace REQUIREMENT: ependents stationed with the Housing C omparable to the opedroom and bath of wo to four, as indic xterior parking for	ecessary ame nergy conser nent of asbes Bedroom 2 3 4 4 -E6/2 Bedro -E-6/4 Bedro -E-6/4 Bedro c.2,441 UN e-Military Fa This project d at Kessler Community I off-base civi configuration cated in the r a second vo	enities and siving features stos contained <b>NSF</b> <b>1,081</b> <b>1,315</b> <b>1,573</b> <b>2,686</b> oom (1210 House is required AFB. All Profile. The ilian communes n, with amp most recented enicle. This	supporting factors, parking, ending material a <u>GSF</u> 1,340 1,630 1,950 3,330 NSF11500 GS NSF/2220 GS DEQUATE: sing Phase 1 ( 1 to provide m units will mean the housing will unity. The descent of the second	cilities. Project xterior patios and lead base <u>GSM</u> 124 150 181 309 SF), E1-E6/3 SF); 07 - 4 B 1,081 UN (Current Miss todern and eff et modem ho provide safe sign will prov d exterior sto ket analysis. s the "Whole	t includes and priva paint, and <u>Froject</u> <u>Factor</u> 0.920 0.920 0.920 0.920 Bedroom (a SUBST sion). ficient hou using stan , comforta ride a moo rage. The Units wil House'' s	s site prep lecy fencin l the demo Cost <u>GSM</u> 732 732 732 732 (1420 NS 3270 NSF ANDARE asing for r dards and able, and a dem kitche number o l be provi tandards a	aration, attach g and supportion olition of 117 m Per No <u>Units</u> 50 54 12 117 F/1760 GSF) 74060 GSF) D: 1,360 UN nilitary member are programma appealing livin en, living room of bedrooms w ded with singland is program	ed car garages, ing infrastructure. units. (\$000) <u>Total</u> 4,175 5,491 1,463 <u>208</u> 11,337 ers and their ned in accordance ag environment n, family room, vill range from e car garage and
(GOQ), with all ne air conditioning, er includes the abaten EI-E6 EI-E6 EI-E6 07 Maximum size: E1- E1- E1- E1- E1- E1- E1- E1- E1- E1-	ecessary ame nergy conser nent of asbes Bedroom 2 3 4 4 -E6/2 Bedro -E-6/4 Bedro -E-6/4 Bedro c.2,441 UN e-Military Fa This project d at Kessler Community I off-base civi configuration cated in the r a second vo	enities and siving features stos contained <b>NSF</b> <b>1,081</b> <b>1,315</b> <b>1,573</b> <b>2,686</b> oom (1210 House is required AFB. All Profile. The ilian communes n, with amp most recented enicle. This	supporting factors, parking, ending material a <u>GSF</u> 1,340 1,630 1,950 3,330 NSF11500 GS NSF/2220 GS DEQUATE: sing Phase 1 ( 1 to provide m units will mean the housing will unity. The descent of the second	cilities. Project xterior patios and lead base <u>GSM</u> 124 150 181 309 SF), E1-E6/3 SF); 07 - 4 B 1,081 UN (Current Miss todern and eff et modem ho provide safe sign will prov d exterior sto ket analysis. s the "Whole	t includes and priva paint, and <u>Froject</u> <u>Factor</u> 0.920 0.920 0.920 0.920 Bedroom (a SUBST sion). ficient hou using stan , comforta ride a moo rage. The Units wil House'' s	s site prep lecy fencin l the demo Cost <u>GSM</u> 732 732 732 732 (1420 NS 3270 NSF ANDARE asing for r dards and able, and a dem kitche number o l be provi tandards a	aration, attach g and supportion olition of 117 m Per No <u>Units</u> 50 54 12 117 F/1760 GSF) 74060 GSF) D: 1,360 UN nilitary member are programma appealing livin en, living room of bedrooms w ded with singland is program	ed car garages, ing infrastructure. units. (\$000) <u>Total</u> 4,175 5,491 1,463 <u>208</u> 11,337 ers and their ned in accordance ag environment n, family room, vill range from e car garage and

#### FY 2003 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

# AIR FORCE 3. INSTALLATION AND LOCATION

#### KEESLER AIR FORCE BASE, MISSISSIPPI

#### 4. PROJECT TITLE

#### **REPLACE FAMILY HOUSING, PHASE 1**

5.	PROJECT	NUMBER

#### MAHG024005

<u>CURRENT SITUATION</u>: These existing housing units were constructed in 1961. They showed the effects of age and heavy use. They have had no major upgrades since construction, and they do not meet the needs of today's families, nor do they provide a modem home environment. The kitchens require reconfiguration and replacement of deteriorated elements to provide adequate storage, cabinet and countertop areas. The bathrooms require replacement of all fixtures. The bathtubs and sinks have deteriorated to the point the cast iron is exposed. The electrical and plumbing systems do not meet current codes. Ground fault interrupter protection is not provided for bathrooms, kitchen and exterior circuits. Electrical grounding is not available. Flooring is chipped, stained, loose and mismatched. Ceilings sag and may collapse. The units lack adequate living and storage space. Exterior walls have no insulation.

<u>IMPACT IF NOT PROVIDED</u>: Units will continue to deteriorate rapidly, resulting in increasing operation and maintenance cost to the government and an inconvenience to residents. The electrical system will remain unreliable, difficult to maintain and inefficient. Electrical fire hazards will continue. Energy inefficiencies will persist. Air Force members and their families will continue to be housed in unsatisfactory conditions, affecting morale and the retention of quality personnel. For our Junior Non-Commissioned Officers, affordable off base housing is not available. <u>ADDITIONAL</u>: This project meets the criteria/scope specified in Part II of Military Handbook 1190 "Facility Planning and Design Guide." An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefit alternatives, new construction was found to be the most cost effective over the life of the project. Since this is replacement housing, there will be no increase in the student population or impact on the ability of local school district to support base dependents. Base Civil Engineer: Lt Col David W. Funk, (228) 377-2615.

DD FORM 1391c, DEC 76 'AGE NO

## TY 2002 MULTARY CONCERNATION PROJECT DATA

AIR FORCE	FY 2003 MILITARY CONSTRUCTION PR	OJECT DATA	
3. INSTALLATION AND LO	CATION		
KEESLER AIR FORCE	BASE MISSISSIPPI		
4. PROJECT TITLE		5. PROJECT NUMBE	R
REPLACE FAMILY HO	DUSING, PHASE 1	MAHG0240	005
12. SUPPLEMENTAL			
a. Estimated Design Data			Design/Build
(1) Status:			
( a ) Date Desig			01 Aug 10
	Cost Estimate used to develop costs		Ν
	mplete as of Jan 2002		35
(d) Date 35%			01 Dec 10
(e) Date Desig			02 May 10
	udy/Life-Cycle analysis was performed;		
(2) Basis:	Definition Design		NO
	Definitive Design -		NO N/A
(b) where desig	n was most recently used -		N/A
(3) Total Cost (c	=(a)+(b)  or(d)+(e):		(\$660)
(a) Production	of Plans and Specifications		660
(b) All other E	Design Costs		0
(c) Total			660
(d) Contract			660
(e) In-house			
(4) Construction Sta	rt		03Mar
(5) Construction Co	mpletion		04Jun
b. Equipment associated	with this project will be provided from other appropriat	ions: N/A	

MILITARY FAMILY HOUS	ING JUSTIFICATION	1. DATE OF RE Jul-				2. FISCAL	YEAR	DD-A&L(A	CONTROL S	YMBOL
3. DOD COMPONENT	4. REPORTING INST		••					00 /1000	91110	
AIR FORCE	a. NAME	-				b. LOCAT	ION			
5. DATA AS OF	KEESLER	AFB	Pha	se 1			MISSISSIP	PI		
2001										
ANALYS	SIS	(	CURRENT				PROJ	ECTED		
OF		OFFI		9-E7	E6-E1	TOTAL	OFFICER	E9-E7	E6-E1	TOTA
REQUIREMENTS		(	a) –	(b)	(c)	(d)	(e)	(f)	(g)	(h)
. TOTAL PERSONNEL	STRENGTH	969		420	3,129	4,618	895	386	2,695	4,178
. PERMANENT PARTY	PERSONNEL	969		420	3,129	4.518	895	388	2,895	4,17
. GROSS FAMILY HOU	SING REQUIREMENTS	687	7 3	368	1,802	2,857	643	341	1,664	2,64
. TOTAL UNACCEPTABLY	HOUSED (a + b + c)	1		0	116	117				
a. INVOLUNTARILY	SEPARATED	0		0	0	0				
b. IN MILITARY HO	JSING TO BE	ī								
DISPOSED/REPL		1		0	116	117				
c. UNACCEPTABLE	HOUSED IN COMMUNIT	ry <b>0</b>		0	0	0				
). VOLUNTARY SEPARA	TIONS	33		34	158	225	29	32	146	207
. EFFECTIVE HOUSING	REQUIREMENTS	654		34	1,644	2,632	614	309	1,518	2,44
2. HOUSING ASSETS (a	+ b)	653		334	1,945	2,932	613	309	1,402	2,324
a. UNDER MILITAR	CONTROL	286	3	176	1,351	1,813	286	176	934	1,39
(1) HOUSED IN E OWNED/COI		286	3 1	176	1,351	1,813	286	176	934	1,39
(2) UNDER CON	TRACT/APPROVED						0	0	0	
(3) VACANT		0		0	0	0				
(4) INACTIVE		0		0	0	0				
b. PRIVATE HOUSI	١G	367		158	594	1,119	327	133	468	928
(1) ACCEPTABL	THOUSED	367	, 1	158	594	1,119				
(2) ACCEPTABLI	E VACANT RENTAL	0		0	0	0				
B. EFFECTIVE HOUSING	DEFICIT			0	(301)	(300)	1	0	116	117
I. PROPOSED PROJEC	Г <u></u>						1	0	116	117

Item 12.a.(1): 1360 on-base units are inadequate.

245 on-base surplus units are to be demolished.

172 additional surplus units will be retained till economic life expires.

					0.01107					
1. COMPONENT AIR FORCE		FY 200	3 MIL	.II AR Y	CONSI	RUCIIC	on pro	GRAM	2. DATE	
INSTALLATION AND		ON		COMM						
WHITEMAN AIR FO						COMM		COST IN		
MISSOURI		<b>_</b> ,		, O	01012/11	0011111		1.01		
6. Personnel	PE	RMANENT		S	TUDEN	TS	I SU	PPORTE	D	
Strength	OFF	EN		DFF		CIV	OFF		CIV	TOTAL
AS OF 30 SEP 01	316	3037	6	15	0 0	0	1	92	91	4,173
END FY 2005	317	3042	61	2 0	0	0	22	92	91	4,176
7. INVENTORY DAT	A (\$000)									
Total Acreage:		5,214								
Inventory Total as of										3,862,814
Authorization Not Yet										0
Authorization Reques						<b>0</b> ()				3,977
Authorization Include			ograr	n:	(FY 20	04)				5,221
Remaining Deficiency		Program.								3,402
Grand Total:	y.									0 3,875,414
Orana Total.										5,075,414
3. PROJECTS REQU	JESTED	IN THIS PE	ROGE	RAM:			(FY 200	3)		_
							(00	0)		
CATEGORY								COST	DESIGN	STATUS
CODE	PROJEC	T TITLE				<u>SCOPE</u>	<u>.</u>	\$,000 <u>S</u>	<u>T A R T</u>	CMPL
71 -142	Replace	Family Hou	ising			22 UN		3,977	Jun-01	Jul-02
3a. Future Projects:	Included i	in the Follo	wing	Prograr	n: (FY2)	004)				
71 I-142	Poplaga	Family Hay	ining					E 004		
7   1-142	Replace	Family Hou	ising			26 UN		5,221		
3b. Future Projects:	Typical P	lanned Nev	t Thr	ee Year	·s.		(FY05-0	7)		
	r ypiodi i				0.		(1100.0	• )		
III-142	Replace I	Family Hou	sing			18 UN		3,402		
	•	,	0					,		
Эс. Real Propery Mai	ntenance	Backlog T	his In	stallatio	n					99,1 <b>1</b> 8
IO. Mission or Major	Functions	s: A bombe	r wing	g with tw	o squa	drons of	B-2 aircr	aft; and a	n Air Forc	e
Reserve fighter wing	with one A	<b>VOA-10</b> sq	uadro	on.						

DD Form 1390, 24 Jul 00

1. COMPONENT					2. DATE
F	Y 2003 MILITARY CO	NSTRUC	TION PROJE	CT DATA	
AIR FORCE					
3. INSTALLATION AND LOCATION			. PROJECTTITLE		
WHITEMAN AIR FORCE BA	ASE, MISSOURI		REPLACE MILI' ECT NUMBER		<u>Y HOUSING</u> COST (\$000)
88741	711-142	YV	VHG009404R2	3,9	977
	9. COST	ESTIMATE			
		11/84	OUANTITY		COST (\$000)
ITE MILITARY FAMILY HOUSI		U/M U N	QUANTITY 22	UNIT COST 122,818	2,702
SUPPORTING FACILITIES		LS	~~~	122,010	882
SITE IMPROVEMENTS		LS			(95)
UTILITIES		LS			(250)
STREETS		LS			(262)
LANDSCAPING		LS			(50)
RECREATION		LS			(50)
DEMOLITION & ASBESTO	DS REMOVAL	LS			(150)
LAND ACQUISITION		LS			<u>(25)</u>
SUBTOTAL					3,584
CONTINGENCY (5%)					<u>179</u>
TOTAL CONTRACT COST	AND OVERHEAD (5.70()				3,763
SUPERVISION INSPECTION TOTAL REQUEST	AND OVERHEAD $(5.7\%)$				<u>214</u> 3,977
IOTAL REQUEST					3,977
AREA COST FACTOR	1.01				
10. DESCRIPTION OF PROP	OSED CONSTRUCTION: I	Design and	construct 22 rep	lacement NCO	duplex family
housing units with all necessary					
street lighting, garages, storage	, patios, privacy fencing, air	conditioni	ng, appliances, re	creation and pl	ay areas, tot lots,
neighborhood improvements, la	indscaping, and all other nec	essary sup	port.		
				Den Ma	(*****
Paygrade Bedroom	<u>NSF GSF GS</u>		Project Cost Factor <u>GSM</u>		( <b>\$000)</b> Total
EI-E6 3	1,315 1,630 1		0.820 732	<u>22</u>	2,702
Maximum size: E1-E6/3 Bedro	om (1420 NSF/1760 GSF)				
11. Requirement: 2,080 UN	ADEQUATE: 1,21	1 UN	SUBSTANDAR	D: 869 UN	
			<b>F</b> (1)	1 1:1 0	
<u>PROJECT</u> : Replace 22 Military		asting Air	Force property th	hen demolish 2.	2 existing
substandard units. (Current Mis	sion)				
<b>REQUIREMENT:</b> This project	is required to provide mode	m and offi	cient housing for	military mamb	ers and their
dependents stationed at Whiten					
accordance with the Housing C					
housing will provide a safe, con					
community. The units will prov					
interior and exterior storage and					
neighborhood support infrastruc					
will include landscaping, playg			5	C to	

AIR FORCE

# FY 2003 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

#### 3. INSTALLATION AND LOCATION

#### WHITEMAN AIR FORCE BASE, MISSOURI

4. PROJECT TITLE	5. PROJECT NUMBER
REPLACE MILITARY FAMILY HOUSING	YWHG009404R2

<u>CURRENT SITUATION</u>: This project replaces housing constructed in 1954. They have had no major upgrades since construction and do not meet the needs of today's families. The new space requirements are not met by the existing facilities and expanding them is not feasible due to lack of building space.

<u>IMPACT IF NOT PROVIDED</u>: These houses will continue to deteriorate rapidly resulting in increasing operations, maintenance and repair costs to the Government and inconvenience to residents. Without this project repair of these units will continue in costly, piecemeal fashion with little or no improvements in living quality. Low morale and retention can be expected if such conditions are permitted to continue. Sufficient, affordable off-base housing is not available. The most recent Housing Market Analysis shows an on-base housing deficit of 129 units.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility **Planning** and Design Guide". The SIOH of 5.7% is for the Corps of Engineers. Whiteman's CE commander is Lt **Col** Rodney L. Croslen, DSN 975-3503, if you have any questions.

2. DATE

<ul> <li>(1) Status: <ul> <li>(a) Date Design Started</li> <li>(b) Parametric Cost Estimate used to develop costs</li> <li>(c) Percent Complete as of Jan 2002</li> <li>(d) Date 35% Designed</li> </ul> </li> </ul>	ATE
WHITEMAN AIR FORCE BASE, MISSOURI4. PROJECT TITLE5. PROJECT NUMBERREPLACE MILITARY HOUSINGYWHG009404R212. SUPPLEMENTAL DATA: a. Estimated Design Data:Design(a) Date Design Started01(b) Parametric Cost Estimate used to develop costs01(c) Percent Complete as of Jan 200201(d) Date 35% Designed01(e) Date Design Complete02(f) Energy Study/Life-Cycle analysis was performed;02(a) Standard or Definitive Design - (b) Where design was most recently used -01(a) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All other Design Costs (c) Total (d) Contract (e) In-house(4) Construction Start(5) Construction Completion	
4. PROJECT TITLE       5. PROJECT NUMBER         REPLACE MILITARY HOUSING       YWHG009404R2         12. SUPPLEMENTAL DATA:       a. Estimated Design Data:       Design         (1) Status:       (a) Date Design Started       01         (b) Parametric Cost Estimate used to develop costs       01       01         (c) Percent Complete as of Jan 2002       01       01         (d) Date 35% Designed       01       01         (e) Date Design Complete       02       02         (f) Energy Study/Life-Cycle analysis was performed;       02         (2) Basis:       03 Standard or Definitive Design -       04         (b) Where design was most recently used -       03 Total Cost (c) = (a) + (b) or (d) + (e):       04         (a) Production of Plans and Specifications       (b) All other Design Costs       05         (c) Total       04       04       05         (d) Contract       05       06       07         (e) In-house       04       04       05         (f) Construction Start       (5) Construction Completion       05	
4. PROJECT TITLE       5. PROJECT NUMBER         REPLACE MILITARY HOUSING       YWHG009404R2         12. SUPPLEMENTAL DATA:       a. Estimated Design Data:       Design         (1) Status:       (a) Date Design Started       01         (b) Parametric Cost Estimate used to develop costs       01       01         (c) Percent Complete as of Jan 2002       01       01         (d) Date 35% Designed       01       01         (e) Date Design Complete       02       02         (f) Energy Study/Life-Cycle analysis was performed;       02         (2) Basis:       (a) Standard or Definitive Design -       0         (b) Where design was most recently used -       01       01 + (e):         (a) Production of Plans and Specifications       (b) All other Design Costs       (c) Total         (d) Construction Start       (5) Construction Start       (5) Construction Completion	
<ul> <li>12. SUPPLEMENTAL DATA:</li> <li>a. Estimated Design Data: Design Construction Start</li> <li>(1) Status: <ul> <li>(a) Date Design Started</li> <li>(b) Parametric Cost Estimate used to develop costs</li> <li>(c) Percent Complete as of Jan 2002</li> <li>(d) Date 35% Designed</li> <li>(e) Date Design Complete</li> <li>(f) Energy Study/Life-Cycle analysis was performed;</li> </ul> </li> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where design was most recently used -</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): <ul> <li>(a) Production 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> </ul> </li> <li>(4) Construction Start</li> <li>(5) Construction Completion</li> </ul>	
<ul> <li>12. SUPPLEMENTAL DATA:</li> <li>a. Estimated Design Data: Design Construction Start</li> <li>(1) Status: <ul> <li>(a) Date Design Started</li> <li>(b) Parametric Cost Estimate used to develop costs</li> <li>(c) Percent Complete as of Jan 2002</li> <li>(d) Date 35% Designed</li> <li>(e) Date Design Complete</li> <li>(f) Energy Study/Life-Cycle analysis was performed;</li> </ul> </li> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where design was most recently used -</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): <ul> <li>(a) Production 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> </ul> </li> <li>(4) Construction Start</li> <li>(5) Construction Completion</li> </ul>	
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<ul> <li>(1) Status: <ul> <li>(a) Date Design Started</li> <li>(b) Parametric Cost Estimate used to develop costs</li> <li>(c) Percent Complete as of Jan 2002</li> <li>(d) Date 35% Designed</li> <li>(e) Date Design Complete</li> <li>(f) Energy Study/Life-Cycle analysis was performed;</li> </ul> </li> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where design was most recently used -</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): <ul> <li>(a) Production 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> </ul> </li> <li>(4) Construction Start</li> <li>(5) Construction Completion</li> </ul>	gn/Build
<ul> <li>(a) Date Design Started</li> <li>(b) Parametric Cost Estimate used to develop costs</li> <li>(c) Percent Complete as of Jan 2002</li> <li>(d) Date 35% Designed</li> <li>(e) Date Design Complete</li> <li>(f) Energy Study/Life-Cycle analysis was performed;</li> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where design was most recently used -</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): <ul> <li>(a) Production 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> </ul> </li> <li>(4) Construction Start</li> <li>(5) Construction Completion</li> </ul>	2
<ul> <li>(b) Parametric Cost Estimate used to develop costs</li> <li>(c) Percent Complete as of Jan 2002</li> <li>(d) Date 35% Designed</li> <li>01</li> <li>(e) Date Design Complete</li> <li>02</li> <li>(f) Energy Study/Life-Cycle analysis was performed;</li> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where design was most recently used -</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): <ul> <li>(a) Production 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> </ul> </li> <li>(4) Construction Start</li> <li>(5) Construction Completion</li> </ul>	
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<ul> <li>(d) Date 35% Designed 01</li> <li>(e) Date Design Complete 02</li> <li>(f) Energy Study/Life-Cycle analysis was performed;</li> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where design was most recently used -</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): <ul> <li>(a) Production 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> </ul> </li> <li>(4) Construction Start</li> <li>(5) Construction Completion</li> </ul>	N 35
<ul> <li>(e) Date Design Complete</li> <li>(f) Energy Study/Life-Cycle analysis was performed;</li> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where design was most recently used -</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): <ul> <li>(a) Production 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> </ul> </li> <li>(4) Construction Start</li> <li>(5) Construction Completion</li> </ul>	Dec 15
<ul> <li>(f) Energy Study/Life-Cycle analysis was performed;</li> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where design was most recently used -</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): <ul> <li>(a) Production 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> </ul> </li> <li>(4) Construction Start</li> <li>(5) Construction Completion</li> </ul>	May 10
<ul> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where design was most recently used -</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): <ul> <li>(a) Production 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> </ul> </li> <li>(4) Construction Start</li> <li>(5) Construction Completion</li> </ul>	11149 10
<ul> <li>(b) Where design was most recently used -</li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): <ul> <li>(a) Production 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> </ul> </li> <li>(4) Construction Start</li> <li>(5) Construction Completion</li> </ul>	
<ul> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): <ul> <li>(a) Production 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> </ul> </li> <li>(4) Construction Start</li> <li>(5) Construction Completion</li> </ul>	NO
<ul> <li>(a) Production 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> </ul> (4) Construction Start (5) Construction Completion	N/A
<ul> <li>(a) Production 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> </ul> (4) Construction Start (5) Construction Completion	(\$180)
<ul> <li>(b) All other Design Costs</li> <li>(c) Total</li> <li>(d) Contract</li> <li>(e) In-house</li> </ul> (4) Construction Start (5) Construction Completion	180
<ul> <li>(c) Total</li> <li>(d) Contract</li> <li>(e) In-house</li> </ul> (4) Construction Start (5) Construction Completion	0
<ul> <li>( d ) Contract</li> <li>( e ) In-house</li> <li>(4) Construction Start</li> <li>(5) Construction Completion</li> </ul>	180
<ul><li>(4) Construction Start</li><li>(5) Construction Completion</li></ul>	180
(5) Construction Completion	
	03 Mar
Equipment associated with this project will be provided from other appropriations: N/A	<b>04</b> Jun

MILITARY FAMILY HOUS	ING JUSTIFICATION	1. DATE	OF REPOR Ott-96	1		2. FISCAL	TEAR	REPORT C		TWBUL
3. DOD COMPONENT	4. REPORTING INST	LLATION							.,	
AIR FORCE	a. NAME					b. LOCAT	ION			
5. DATA AS OF	WHITEMAN	AFB		Phase 3A			MISSOURI			
Jul-96										
ANALYS	SIS		CURF					ECTED		
OF				E9-E7	E6-E1	TOTAL (d)	OFFICER			
REQUIREMENTS			(a)	(b)	(c)	(4)	<u>(e)</u>	(f)	(g)	(h)
D. IUTAL PERSONNEL 3	DIRENGIA		307	41.7K	4,21.22	2,000	308	276	2, 336	2,922
7 DEDMANENT PARTY	PERSONNEL				_,	_,,	000	210	<i>"</i> , 000	_,
			307	275	2, 313	2, 895	308	278	2, 336	2, 622
B GROSS CAMILY HOUS			235	250	1,515	2,000	271	248	1,561	2,080
9. TOTAL UNACCEPTAB	LY HOUSED (a + b + c)		0	0	22	22 _				
a. INVOLUNTARILY	SEPARATED		. 0	0	0	0				
h IN MILITARY HOU	JSING TO BE									
DISPOSED/REPL/			0	0	22					
	HOUSED IN COMMUNIT	Y	0	0	0	0				
10. VOLUNTARY' SEPARA	TIONS		0	0	0	0	0	0	0	0
11. EFFECTIVE HOUSING	REQUIREMENTS		235	250	1,515	2,000	271	248	1,561	2,080
2. HOUSING ASSETS (a	+ b)	-	125	161	1,493	1,779	161	159	1,539	1,859
a. UNDER MILITARY	CONTROL		94	78	935	1,107	94	78	935	1,107
(1) HOUSED IN E OWNED/CON			94	78	935	1,107	94	78	935	1,107
	TRACT/APPROVED	-					0	0	0	O
(3) VACANT			0	0	0	0				
(4) INACTIVE			0	0	0	0				
b. PRIVATE HOUSIN	IĞ		31	83	558	672	67	81	604	752
(1) ACCEPTABLY	( HOUSED	12 1001	311	83	558	672				
(2) ACCEPTABLE	VACANT RENTAL		0	0	0	Ō				
13. EFFECTIVE HOUSING	DEFICIT		110	89	22	221	110	89	22	221
4. PROPOSED PROJECT			an a	Louis			0	0	22	22

Item 12.a.(1): 869 on-base units are inadequate.