Fiscal Year (FY) 2024 Budget Estimates

AIR FORCE RESERVE



FY 2024 MILITARY CONSTRUCTION PROGRAM

March 2023

DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2024

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DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM (DOLLARS IN THOUSANDS)

MAJOR CONSTRUCTION

FY 2024 MILITARY CONSTRUCTION PROJECTS LIST

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH OF APPROP <u>AMOUNT</u>	APPROP AMOUNT
California	March ARB KC-46 Two Bay Maintenance/Fuel Hangar	201,000	201,000
California	March ARB KC-46 Add/Alter B600 Simulator Facility	<u>8,500</u>	<u>8,500</u>
California	March ARB KC-46 Add/Alter B1244 Fuselage Trainer/ Cargo Pallet Storage	<u>17,000</u>	<u>17,000</u>
Texas	NAS JRB Fort Worth LRS Warehouse	<u>16,000</u>	<u>16,000</u>
	TOTAL INSIDE UNITED STATES	242,500	242,500
Guam	JRM-Anderson	27,000	27,000
	TOTAL OUTSIDE UNITED STATES	27,000	27,000
	SUBTOTAL	269,500	269,500
	Unspecified Minor Construction	9,926	9,926
	Planning & Design	12,146	<u>12,146</u>
	GRAND TOTAL	291,572	291,572

DEPARTMENT OF THE AIR FORCE AIR FORCERESERVE MILITARY CONSTRUCTION PROGRAM (DOLLARS IN THOUSANDS)

MAJOR CONSTRUCTION

FY 2023 MILITARY CONSTRUCTION PROJECTS NEW AND CURRENT MISSION LIST

STATE/ COUNTRY	INSTALLATION AND PROJECT	COST	NEW/ CURRENT	<u>FOOTPRINT</u>	DD FORM 1391 PAGE #
California	March ARB KC-46 Two Bay Maintenance/Fuel Hangar	201,000	New	New	2
California	March ARB KC-46 Add/Alter B6000 Simulator Facility	8,500	New	New	7
California	March ARB KC-46 Add/Alter B1244 Fuselage Trainer/Cargo Pallet Storage	<u>17,000</u>	New	New	12
Guam	JRM-Andersen Aerial Port Facility	<u>27,000</u>	Current	New	17
Texas	NAS JRB-Fort Worth LRS Warehouse	<u>16,000</u>	Current	New	21
	TOTAL	269,500			
	SUBTOTALS:				
	New Mission	226,500			
	Current Mission	43,000			
	Unspecified Minor Construction	9,926			
	Planning & Design	12,146			
	FY 2024 APPROPRIATION TOTAL:	291,572			

SECTION 1 SPECIAL PROGRAM CONSIDERATIONS

DEPARTMENT OF THE AIR FORCE AIR FORCERESERVE MILITARY CONSTRUCTION PROGRAM MAJOR CONSTRUCTION

FY 2024 POLLUTION ABATEMENT/ENERGY CONSERVATION LISTING

Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective action is accomplished in accordance with applicable standards and criteria.

Energy Conservation

Military construction projects specifically designed for energy conservation at installations have been developed, reviewed and selected with prioritization by energy savings per investment costs. Projects include improvements to existing facilities and utility systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

Flood Plain Management and Wetlands Protection

Proposed land acquisitions, disposals and installation construction projects have been planned to allow for the proper management of flood plains and protection of wetlands by avoiding long-term impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 22990.

Design for Accessibility of Physically Handicapped Personnel

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

Preservation of Historical Sites and Structures

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

Environmental Protection

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

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects included in this program. This program represents the most economical use of resources.

Reserve Manpower Potential

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

Potential Use of Vacant Schools & Other State & Local Facilities

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

Congressional Reporting Requirements

Page iii, titled "New/Current Mission, Environmental List," is in response to a Senate Appropriations Committee requirement. The FY 1989 Senate Appropriations Committee Report, 100-380, pages 10 and 11, identified a requirement to include an exhibit in the budget justification books that displayed required projects in two separate categories: New Mission and Current Mission. The CM (current mission) or NM (new mission) designation, which follows the project on the listing at page 9, identifies each project as new or current mission. Additionally, each justification in Block 11 of the DD Form 1391 indicates whether the project supports a new or current mission. (New and Current Mission Activities) of Report #100-380.

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

SECTION 2 BUDGET APPENDIX EXTRACT

DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM

FY 2024 APPROPRIATION LANGUAGE

MILITARY CONSTRUCTION, AIR FORCE RESERVE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air Force Reserve as authorized by Chapter 1803 of Title 10, United States Code, and Military Construction Authorization Acts, \$291,572,000 to remain available until September 30, 2028: Provided, that, of the amount, not to exceed \$12,146,000 shall be available for study, planning, design, and architect and engineer services, as authorized by law, unless the Chief of the Air Force Reserve determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of the determination and the reasons therefore.

SECTION 3

INSTALLATION AND PROJECT JUSTIFICATION DATA DD FORMS 1390 AND DD FORMS 1391

1. COMPONENT		2. DATE
AIR FORCE RESERVE	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	MAR 2023

3. INSTALLATION AND LOC MARCH AIR RESERVE BAS		4. PROJECT TITLE KC-46 TWO BAY MAIN	ΓENANCE/FUEL HANGAR
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER PDPG221012	8. PROJECT COST (\$000)
52576F	211-111		201,000

9. COST ESTIMATES

9. COST ESTIMATES				
ITEM	UM	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES				145,266
GEN PURPOSE HANGAR	SM	5,224	12,605	(65,849)
GENERAL PURPOSE FUEL CELL HANGAR	SM	6,560	8,325	(54,612)
BACK SHOPS AND ADMINISTRATIVE OFFICES	SM	2,792	7,690	(21,470)
CYBER CONTROL SYSTEMS (2.5%)	LS			(3,335)
SUPPORTING FACILITIES				34,355
COMMUNICATIONS	LS			(3,700)
SITE IMPROVEMENTS	LS			(13,000)
FIRE SUPPRESSION	LS			(4,000)
UTILITIES	LS			(5,155)
DEMO EXISTING FACILITIES/RAMP	LS			(5,000)
FOUNDATION/SOIL CONDITIONS	LS			(2,500)
TEMPORARY OFFICE SPACE	LS			(1,000)
SUBTOTAL				179,621
CONTINGENCY (5%)				<u>8,981</u>
TOTAL CONTRACT COST				188,602
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				12,259
TOTAL REQUEST				200,861
TOTAL REQUEST (ROUNDED)				201,000
EQUIPMENT FROM OTHER APPROPRIATIONS				(2,000)

10. DESCRIPTION OF PROPOSED WORK: Clear site by demolishing existing facilities, utilities, and concrete ramp in the new hangar footprint. Construct one aircraft hangar to simultaneously accommodate one KC-46A aircraft in each bay. Construct reinforced concrete foundations, steel frame and roof system, insulated metal walls, utilities, and other necessary work to make a complete and useable facility. Includes personnel support area, storage areas for hazardous materials, tools, supplies, and equipment. Hangar area will be provided with fire suppression and fall protection system. Also included are all associated utilities, site work, communications support, and pavement transitions. Environmental controls to include floor drains connected to a public sanitary sewer system, oil/water separator, pavements, parking areas, exterior lighting, fencing, and landscaping and other support work associated with the project. Remove and restripe painting on the parking apron for the KC-46A. Facilities will be designed as permanent construction in accordance with the Department of Defense Unified Facilities Criteria 1-200-01, General Building requirements. This project will comply with Department of Defense Antiterrorism/Force Protection requirements per Unified Facility Criteria 4-010-01. Air Conditioning: 30 Tons

11. REQUIREMENT: 14,576 SM ADEQUATE: 0 SM SUBSTANDARD: 14,576 SM

PROJECT: Two Bay Maintenance/Fuel Hangar (New Mission)

REQUIREMENT: The Air Force has designated March Air Reserve Base as Main Operating Base 5 for the KC-46A Tanker Aircraft. March Air Reserve Base currently does not have facility maintenance space for the KC-46A and requires a single two-bay facility properly sized and configured for general maintenance, wash operations, and fuel system maintenance. Minimum facility requirements are an environmentally controlled area to wash aircraft as required. Space must provide storage for tools, equipment, and paint; personnel hygiene facilities; general maintenance; and administrative areas. The fuel system bay shall contain vapor exhaust and breathing air supply equipment to support on-aircraft inspections and repairs. These inspections require a controlled environment for safety, environmental protection, and fuel contamination prevention.

1. COMPONENT AIR FORCE	FY 2024 MILITARY CONSTRUCTION PRO	IECT DATA	2. DATE
RESERVE	FY 2024 MILITARY CONSTRUCTION PRO	JECI DATA	MAR 2023
	AND LOCATION:		
MARCH AIR RE	ESERVE BASE, CA		
4. PROJECT TITLE	E:	5. PROJECT N	JMBER
KC-46 TWO BAY	Y MAINTENANCE/FUEL HANGAR	PDPG221012	
CURRENT SITUAT	YON: There are no existing facilities to meet the total requirem	ent for the KC-46A.	The KC-46A is a

<u>CURRENT SITUATION:</u> There are no existing facilities to meet the total requirement for the KC-46A. The KC-46A is a new aircraft replacing the KC-135R models at March Air Reserve Base, California. Existing KC-135R facilities cannot enclose this new weapons system due to its larger size. It is not economically feasible to modify and/or enlarge the existing real property hangars to accommodate the new aircraft. The new aircraft also requires painting of specific sizes that need to be placed before operation as the existing markings are designed for the smaller KC-135R.

IMPACT IF NOT PROVIDED: The 452 Air Mobility Wing will not be unable to provide adequate and timely maintenance operations of the new KC-46A aircraft. This would drastically decrease mission capabilities of the new aircraft in support of national defense objectives. Failure to provide an appropriate facility to support the beddown will critically impact mission requirements. Failure to fund this project would critically impact the 452 Air Mobility Wing ability to maintain and provide the required maintenance and repair of the new KC-46 modernization and in support of national defense objectives.

<u>ADDITIONAL</u>: This project meets the applicable criteria/scope specified in Air Force Reserve Handbook 32-1001, "Facility Requirements". All reasonable alternatives were considered during the development of this project to include status quo, add/alter, and new construction. A formal Economic Analysis is in progress for new construction as the only viable option to meet this requirement and will be completed before the president's budget. This design shall conform to criteria established in the Air Force Corporate Facilities Standards, the Installation Facilities Standards and shall employ the standard facility design Seymour Johnson Air Reserve Base, North Carolina. This project does not fall within or partly within the 100-year flood plain. This project is included in the Fiscal Year 2023 future years' defense plan in Fiscal Year 2024. This project is a candidate for furniture, associated design, and comprehensive interior design. 14,576 SM = 156,900 Square Feet.

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

1. COMPONENT	I
AIR FORCE	
RESERVE	

FY 2024 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

(\$0)

MAR 2023

3. INSTALLATION AND LOCATION

MARCH AIR RESERVE BASE, CA

4. PROJECT TITLE 5. PROJECT NUMBER PDPG221012

KC-46 TWO BAY MAINTENANCE/FUEL HANGAR

12. SUPPLEMENTAL DATA

A. Estimated Design Data:

1. Status:

Status.	
(a) Type Of Design	DBB
(b) Date Design Started	1-MAY-22
(c) Parametric Cost Estimate use to develop costs	YES
(d) Percent Complete as of 1 Jan 2023	65%
(e) Date 35% Design	1-AUG-22
(f) Date Design Complete	1-AUG-23

2.	Basis	
	(a) Standard or Definitive Design	YES
	(b) Where Design Was Most Recently Used	KC-46 Hangar

3. Total Cost = (c) = (a) + (b) or (d) + (e)(\$000)(\$0) (\$0) (a) Construction Award (b) All Other Design Costs (c) Total (\$2,100)(d) Contract (\$2,100)(e) In-House

4. Construction Contact Award 01-JUN-24

01-NOV-24 5. Construction Start

6. Construction Completion 30-OCT-26

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

		Fiscal Year	
Equipment	Procuring	Appropriated	Cost
Nomenclature	<u>Appropriation</u>	Or Requested	<u>(\$000)</u>
Furniture / Storage Equipment	3740	FY 2027	1,000
Interior Design Services	3740	FY 2027	250
Communications Equipment	3740	FY 2027	750

DD Form 1391c PAGE 4

MARCH AIR R	FY 2024 MILITARY CONST			2. DATE	,
B. INSTALLAT		RUCTION PI	ROJECT DA	ATA	MAR 2023
MARCH AIR R	ION AND LOCATION				CONSTR COST
	AFGENIE DAGE GA			INDE	X 1.08
	Y AND TYPE UTILIZATION				1.06
	vilian, technician and AGR force. One un	iit training assem	bly per month	, 15 days annual	field training per ye
6. OTHER ACT None	TVE/GUARD/RESERVE INSTALLATIO	NS WITHIN 15 N	MILE RADIUS		
7. PROJECTS R	EQUESTED IN THIS PROGRAM				
CATEGO			COST	DESIGN	DESIGN
RY	PROJECT TITLE	SCOPE	COST (\$000)	<u>START</u>	<u>COMPLETE</u>
	C-46 TWO BAY MAINTENANCE/ JEL HANGAR	14,576 SM	201,000	15-MAR-22	15-AUG-23
171-212 KG	C-46 ADD/ALTER B1244 FuT/	2,900 SM	17,000	15-MAR-22	15-AUG-23
171-212 K	ARGO PALLET STORAGE C-46 ADD/ALTER B6000 MULATOR FACILITY	861 SM	8,500	15-MAR-22	15-DEC-22
8. STATE RESE	ERVE FORCES FACILITIES BOARD RE	ECOMMENDATI	ON		
Approved for ur	nilateral construction, May 2022				
	VISITION REQUIRED NONE			(Nun	nber of Acres)
9. LAND ACQU	PLANNED IN NEXT FOUR YEARS				
	PLANNED IN NEXT FOUR YEARS				

DD Form 1390 S/1 PAGE 5

					-	. DATE	
FY	FY 2024 MILITARY CONSTRUCTION PROJECT DATA				OATA	MAR 2023	
3. INSTALLATION AND LOCATION							
SERVE E	BASE, CA						
STRENG	TH AS OF M	AR 2022					
RTs, AGF	ks, Non-ART	Civilians)		GUARD/R	ESERVE		
TOTAL	<u>OFFICER</u>	ENLISTED	<u>CIVILIAN</u>	TOTAL O	<u>OFFICER</u>	ENLISTED	
1092	112	644	336	2,660	496	2,164	
1017	90	664	263	3,411	613	2,798	
	DN AND L SERVE B STRENG ARTS, AGR TOTAL 1092	SERVE BASE, CA STRENGTH AS OF M ARTs, AGRs, Non-ART TOTAL OFFICER 1092 112	SERVE BASE, CA STRENGTH AS OF MAR 2022 ARTs, AGRs, Non-ART Civilians) TOTAL OFFICER ENLISTED 1092 112 644	ON AND LOCATION SERVE BASE, CA STRENGTH AS OF MAR 2022 ARTs, AGRs, Non-ART Civilians) TOTAL OFFICER ENLISTED CIVILIAN 1092 112 644 336	ON AND LOCATION SERVE BASE, CA STRENGTH AS OF MAR 2022 ARTS, AGRS, Non-ART Civilians) TOTAL OFFICER ENLISTED CIVILIAN 1092 112 644 336 2,660	FY 2024 MILITARY CONSTRUCTION PROJECT DATA ON AND LOCATION SERVE BASE, CA STRENGTH AS OF MAR 2022 ARTs, AGRs, Non-ART Civilians) TOTAL OFFICER ENLISTED CIVILIAN 1092 112 644 336 2,660 496	

	STREN	GTH
UNIT DESIGNATION	AUTHORIZED	ACTUAL
4th Air Force	66	68
AFR West Recruiting Squadron	15	16
452 Air Mobility Wing	69	90
452 Operations Group	20	22
452 Operations Support Squadron	106	118
729 Airlift Squadron	115	111
336 Air Refueling Squadron	84	84
452 Aeromedical Evacuation Squadron	87	101
452 Contingency Response Squadron	39	45
452 Aeromedical Medicine Squadron	117	186
452 Medical Group	8	4
752 Medical Group	115	155
452 Maintenance Group	73	85
452 Maintenance Squadron	266	270
452 Aircraft Maintenance Squadron	180	189
452 Aeromedical Staging Squadron	112	145
452 Mission Support Group	14	11
452 Civil Engineer Squadron	160	193
452 Security Forces Squadron	122	255
452 Force Support Squadron	79	121
452 Logistics Readiness Squadron	109	163
452 Communications Squadron	44	87
50 Aerial Port Squadron	177	171
56 Aerial Port Squadron	177	160
922 Civil Engineer Flight	37	30
752 Aircraft Maintenance Squadron	160	177
610 Air Operations Group	6	7
710 Combat Operations Squadron	119	123
Total	$\frac{119}{2676}$	3187

13. MAJOR EQUIPMENT AND AIR	CRAFT	
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
C-17	8	9
KC-46A	12	NEW MISSION

DD Form 1390 S/2 PAGE 6

1. COMPONENT		2. DATE
AIR FORCE	FY 2024 CONSTRUCTION PROJECT DATA	MAR 2023
RESERVE		

3. INSTALLATION AND LOCATION 4. PROJECT TITLE

MARCH AIR RESEREVE BASE, CALIFORNIA KC-46 ADD/ALTER B600 SIMULATOR FACILITY

6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 5. PROGRAM 171-212 PDPG221013 \$8,500 **ELEMENT** 52576F

9. COST ESTIMATES

ITE	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILTIES				5,457
CONSTRUCT ADDITION	SM	205	11,000	(2,255)
RENOVATE INTERIOR	SM	656	4,500	(2,952)
CYBER	LS		250	(250)
SUPPORTING FACILITIES				2,155
DEMOLITION	LS			(100)
UTILITIES	LS			(600)
ENVIRONMENTAL	LS			(160)
SITE IMPROVEMENTS	LS			(550)
PAVEMENTS	LS			(150)
COMMUNICATIONS	LS			(595)
SUBTOTAL				<u>7,612</u>
CONTINGENCY (5%)				381
TOTAL CONTRACT COST				<u>7,993</u>
SUPERVISION, INSPECTION, AND OVERHEAD				519.5
TOTAL REQUEST				<u>8,512</u>
TOTAL REQUEST (ROUNDED)				8,500
EQUIPMENT FROM OTHER APPROPRIATIONS				(1,500)

10. DESCRIPTION OF PROPOSED WORK:

Construct an addition of 205 SM to Building 600 for one Boom Operator Trainer and alter 656 SM of existing Building 600 Aircrew Weapons System Trainer for New Mission KC-46A. Facility contains computer room, briefing rooms and classrooms. Construct a steel frame high-bay facility with reinforced concrete foundation and floor slab, structural steel framing, masonry walls, standing seam metal roof, garage bay doors, exterior access, fire detection/protection, and special security enhancements. Demolition will be interior as well as some site work. Includes all associated utilities, site work, communications support, pavements, parking area, landscaping, and all other work/support necessary to provide a complete and useable facility. The facility addition will be designed as permanent construction in accordance with DoD Unified Facilities Criteria (UFC) 1-200-01, General Building Requirements, and UFC 1-200-02, High Performance and Sustainable Building Requirements. This project will comply with DoD antiterrorism/force protection requirements per UFC 4-010-01. Air Conditioning: 15 Tons

11. REQUIREMENT: 861 SM ADEQUATE: 0 SM SUBSTANDARD: 861 SM

PROJECT: KC-46 ADD/ALTER B600 SIMULATOR FACILITY (New Mission)

REQUIREMENT: A properly configured Weapons System Trainer facility is necessary for efficient operation of newly assigned KC-46 aircraft. March Air Reserve Base currently does not have facility space for the KC-46A Weapons System Trainer nor Boom Operator Trainer. This facility also supports the Pilot Part-Task Trainer and other associated functions providing aircrew training for the new KC-46A.

CURRENT SITUATION: There are no existing facilities to meet the total requirement for simulators in relation to the KC-46A. The Air Force has designated March Air Reserve Base, California as Main Operating Base 5 for the KC-46A tanker aircraft. An adequately sized and configured facility is required that will enable training of aircrews and support personnel for the operation of KC-46A aircraft. Existing Building 600 will be modified to meet Weapons System Trainer requirements and addition is need for the Boom Operator Trainer.

1. COMPONENT
AIR FORCE
RESERVE

FY 2024 CONSTRUCTION PROJECT DATA

3. INSTALLATION AND LOCATION
MARCH AIR RESEREVE BASE, CALIFORNIA

4. PROGRAM TITLE
KC-46 ADD/ALTER B600 SIMULATOR FACILTY

2. DATE
MAR 2023

5. PROJECT NUMBER
PDPG221013

SUBSTANDARD: 861 SM

<u>IMPACT IF NOT PROVIDED</u>: The 452 Air Mobility Wing will be unable to provide adequate and timely aircrew training necessary to begin operation of the new KC-46A aircraft. The lack of training would drastically decrease mission capabilities of the new aircraft in support of national defense objectives. Failure to provide an appropriate facility to support the beddown will critically impact mission requirements. Personnel will fail to meet mission training requirements, will degrade proficiency, and increase cost with off base training.

11. REQUIREMENT: 861 SM ADEQUATE: 0 SM

ADDITIONAL: This project meets the applicable criteria/scope specified in Air Force Reserve Handbook 32-1001, "Facility Requirements". All reasonable alternatives were considered during the development of this project to include status quo, add/alter and new construction. Add/alter is the only viable option to meet this requirement. A formal Economic Analysis is in progress and will be completed before the President's Budget. This design shall conform to criteria established in Air Force corporate facility standards, the installation facility standards, will not completely employ a standard facility design because we are altering an existing facility and adding within a confined space. This project does not fall within or partly within the 100-year flood plain. This project is included in the Fiscal Year 2023 future years' defense plan in Fiscal Year 2024. This project is a candidate for Furniture and associated design. Program Manager can be contacted from the 452 Air Mobility Wing. Addition to building 600: 205 Square Meters= 2,207 Square Feet; Alter building 600: 656 Square Meters = 7,061 Square Feet.

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

1. COMPONE AIR FO	RCE	FY 2024 CONSTRUCTION	ON PROJECT DATA	2. DATE
RESERV				MAR 2023
	TION AND LOCATE DESCRIPTION AND LOCATE DESCRI	ATION BASE, CALIFORNIA		
		BASE, CALIFORNIA	5 DDOJECTNIMO)FD
	4. PROGRAM TITLE KC-46 ADD/ALTER B600 SIMULATOR FACILITY 5. PROJECT NUM PD			
			121	9221010
12. SUPPLEM	<u>IENTAL DATA:</u>	_		
a. Estima	ated Design Data	:		
1. St	atus:			
(a)	Type of Design	1		DBB
	Date Design St			01-Mar-22
(c)	Parametric Cos	st Estimates used to develop costs		YES
(d)	Percent Compl	ete as of 1 Jan 2023		65%
(e)	Date 35% Desi	gned		01-Aug-22
(f)	Date Design Co	omplete		01-Aug-23
2. Basis	S:			
(a)	Standard or De	efinitive Design -		NO
(b)		Was Most Recently Used –		N/A
3. Total	$1 \operatorname{Cost} (c) = (a) +$	(b) or $(d) + (e)$:		(\$000)
(a)		Plans and Specifications		(\$0)
(b)				(\$0)
(c)	Total	_		(\$8,500)
(d)	Contract			(\$8,500)
(e)	In-house			(\$0)
4. Co	nstruction Contra	ct Award		01-JUN-24
5. Coi	nstruction Start			01-JUL-24
6. Co	nstruction Compl	letion		30-JUN-26
~	ENT ASSOCIAT RIATIONS:	ED WITH THIS PROJECT WHICH W	VILL BE PROVIDED FROM O	THER
7111101			Fiscal Year	
	Equipment	Procuring	Appropriated	Cost

В

	riscai i cai	
Procuring	Appropriated	Cost
<u>Appropriation</u>	Or Requested	<u>(\$000)</u>
3740	FY 2027	1,000
3740	FY 2027	250
3740	FY 2027	250
	Appropriation 3740 3740	Procuring Appropriated Appropriation Or Requested 3740 FY 2027 3740 FY 2027

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1. COMPON				2. DATE	
AIR FOR RESERV		TRUCTION PI	ROJECT DA	ATA	MAR 2023
. INSTALL	ATION AND LOCATION R RESERVE BASE, CA			4. AREA	CONSTR COST INDEX
	*				1.08
	NCY AND TYPE UTILIZATION civilian, technician and AGR force. One ur	nit training assem	bly per month	, 15 days annual fi	eld training per year.
	CTIVE/GUARD/RESERVE INSTALLATIO	ONS WITHIN 15 M	MILE RADIUS	<u> </u>	
None					
. PROJECT	S REQUESTED IN THIS PROGRAM				
CATEGO			COST	DESIGN	DESIGN
RY CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>	START	COMPLETE
211-111	KC-46 TWO BAY MAINTENANCE/ FUEL HANGAR	14,576 SM	201,000	15-MAR-22	15-AUG-23
171-212	KC-46 ADD/ALTER B1244 FuT/ CARGO PALLET STORAGE	2,900 SM	17,000	15-MAR-22	15-AUG-23
171-212	KC-46 ADD/ALTER B600	861 SM	8,500	15-MAR-22	15-DEC-22
	SIMULATOR FACILITY				
. STATE R	ESERVE FORCES FACILITIES BOARD RI	ECOMMENDATI	ION		
Approved fo	r unilateral construction, May 2022				
LAND AC	QUISITION REQUIRED NONE			(Nun	nber of Acres)
0. PROJEC	TTS PLANNED IN NEXT FOUR YEARS				
CATEGORY	,			COST	
CODE	<u>PROJECT TITLE</u> N/A		SCOPE	<u>(\$000)</u>	YEAR
	IV/A				

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RPM BACKLOG AT THIS INSTALLATION (\$000): 298,000

1. COMPONENT

ALD FORCE

ALD FORC

AIR FORCE RESERVE

FY 2024 MILITARY CONSTRUCTION PROJECT DATA

MAR 2023

3. INSTALLATION AND LOCATION MARCH AIR RESERVE BASE, CA

11. PERSONNEL STRENGTH AS OF MAR 2022

PERMANENT (PERMANENT (ARTs, AGRs, Non-ART Civilians)			GUARD/	RESERVE		
	TOTAL	OFFICER	ENLISTED	<u>CIVILIAN</u>	TOTAL	OFFICER	ENLISTED
AUTHORIZED	1092	112	644	336	2,660	496	2,164
ACTUAL	1017	90	664	263	3,411	613	2,798

12. RESERVE UNIT DATA

	STRE	NGTH
UNIT DESIGNATION	AUTHORIZED	ACTUAL
4th Air Force	66	68
AFR West Recruiting Squadron	15	16
452 Air Mobility Wing	69	90
452 Operations Group	20	22
452 Operations Support Squadron	106	118
729 Airlift Squadron	115	111
336 Air Refueling Squadron	84	84
452 Aeromedical Evacuation Squadron	87	101
452 Contingency Response Squadron	39	45
452 Aeromedical Medicine Squadron	117	186
452 Medical Group	8	4
752 Medical Group	115	155
452 Maintenance Group	73	85
452 Maintenance Squadron	266	270
452 Aircraft Maintenance Squadron	180	189
452 Aeromedical Staging Squadron	112	145
452 Mission Support Group	14	11
452 Civil Engineer Squadron	160	193
452 Security Forces Squadron	122	255
452 Force Support Squadron	79	121
452 Logistics Readiness Squadron	109	163
452 Communications Squadron	44	87
50 Aerial Port Squadron	177	171
56 Aerial Port Squadron	177	160
922 Civil Engineer Flight	37	30
752 Aircraft Maintenance Squadron	160	177
610 Air Operations Group	6	7
710 Combat Operations Squadron	<u>119</u>	<u>123</u>
Total	2676	3187

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	<u>ASSIGNED</u>
C-17	8	9
KC-46A	12	NEW MISSION

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1. COMPONENT	·		·			2. DATE	
AIR FORCE RESERVE	F	FY 2024 MILITARY CONSTRUCTION PROJECT DATA				MAR 2023	
3. INSTALLATION A	ND LOC	CATION	4. PROJ	ECT TITLE			
MARCH AIR RESER	VE BAS	SE, CA	KC-46 A	DD/ALTER B1	244 FUSELAGE	E TRAINER/CARGO	
			PALLET	STORAGE			
5. PROGRAM ELEM	ENT	6. CATEGORY	7. PROJ	ECT NUMBER	8. PROJECT	COST (\$000)	
52576F		171-212	PDI	PG221014		17,000	
9. COST ESTIMATES	3		•				
	ITE	M	UM	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITI	ES .					12,215	
ALTER BLDG 600 I		GE TRAINER	SM	1,600	6,625	(10,600)	
CONST COVERED	STORA	GE/TRAINING YARD	SM	1,300	1,050	(1,365)	
CYBER			LS			(250)	
SUPPORTING FACII	LITIES					3,000	
FIRE PROTECTION			LS			(600)	
UTILITIES	`		LS			(800)	
COMMUNICATIONS		LS			(350)		
SITE IMPROVEMENTS		LS			(1,150)		
FOUNDATION/SOIL CONDITIONS		LS			(1,130) (100)		
10010111101,501	L COLL	7110105	Lo				
SUBTOTAL						15,215	
CONTINGENCY (5°	%)					<u>761</u>	

O. DESCRIPTION OF PROPOSED WORK: Add/Alter the exterior and interior of the building by demo/installing all necessary walls and reconfiguring the interior layout for office space two instructors/two briefing rooms/classroom/ breakroom, communication room, maintenance parts room restroom and shower facilities to allow for mission requirements. Replace roof, install HVAC connected to all spaces and fuselage training device, and include fire suppression system required for Fuselage Trainer. Seal in existing hangar doors. Install two rollup doors and create contiguous traffic flow around facility. Construct fuselage trainer covered outdoor storage area to include concrete pavement for loading. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria. This project will incorporate applicable US Air Force and high-performance green building objectives addressing: site design, water use, energy use reduction (per EPAct 2005 and CFR Title 10 Part 433), building commissioning, materials selection, and indoor environmental quality. Air conditioning: 20 Tons

11. REQUIREMENT: 2,900 SM ADEQUATE: 0 SM SUBSTANDARD: 2,900 SM

PROJECT: KC-46 ADD/ALTER B1244 Fuselage Trainer/Cargo Pallet Storage (New Mission)

<u>REQUIREMENT</u>: A properly configured Fuselage Training Simulator facility is necessary for efficient operations of newly assigned KC-46 aircraft. March Air Reserve Base currently does not have a facility space for the KC-46 Fuselage Training Simulator and associated pallet staging area. This facility will support required space for the fuselage training Simulator and associated functions providing aircrew training for the new KC-46A beddown.

<u>CURRENT SITUATION</u>: There are no existing facilities to meet the total requirement for Fuselage Training Simulator in relation to the KC-46A. The Air Force has designated March Air Reserve Base, California as Main Operating Base 5 for the KC-46A tanker aircraft. An adequately sized and configured facility is required that will enable training of aircrews and support personnel for the operation of KC-46A aircraft. Existing Building 1244 will be modified to meet Weapons System Trainer requirements and additional space is required for pallet staging area.

TOTAL CONTRACT COST

TOTAL REQUEST (ROUNDED)

TOTAL REQUEST

SUPERVISION, INSPECTION & OVERHEAD (6.5%)

EQUIPMENT FROM OTHER APPROPRIATIONS

15,976

1,038

17,014

17,000 (1,450)

1. COMPONENT AIR FORCE RESERVE	FY 2024 CONSTRUCTION PRO	2. DATE MAR 2023	
3. INSTALLATION AND LOCATION MARCH AIR RESEREVE BASE, CALIFORNIA			
4. PROGRAM TITLE KC-46 ADD/ALTER B1244 FUSELAGE TRAINER/CARGO PALLET STORAGE		5. PROJECT NUMBER PDPG221013	

<u>IMPACT IF NOT PROVIDED</u>: The 452 Air Mobility Wing will be unable to provide adequate and timely aircrew training necessary to begin operation of the new KC-46A aircraft. The lack of training would drastically decrease mission capabilities of the new aircraft in support of national defense objectives. Personnel will fail to meet mission training requirements, including degrade in proficiency with increased off base training costs.

ADDITIONAL: This project meets the applicable criteria/scope specified in Air Force Reserve Handbook 32-1001, "Facility Requirements". All reasonable alternatives were considered during the development of this project to include status quo, add/alter and new construction. Add/alter is the only viable option to meet this requirement. A formal Economic Analysis is in progress and will be completed before the President's Budget. This design shall conform to criteria established in the Air Force corporate facility and installation standards but will not completely employ a standard facility design because we are altering an existing facility and adding within a confined space. This project does not fall within or partly within the 100-year flood plain. This project is included in the Fiscal Year 2023 future years' defense plan in Fiscal Year 2024. This project is a candidate for Furniture and associated design. Program Manager contact the 452nd Air Mobility Wing. Alter building 1244: 1,600 Square Meters = 17,222 Square Feet and addition to building 1244, 1,300 Square meters = 13,994 Square Feet.

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

1. COMPONENT					2. DATE	
AIR FORCE RESERVE	TION PROJECT I	DATA	MAR 2023			
3. INSTALLATION						
MARCH AIR RESE 4. PROJECT TITLE	· · · · · · · · · · · · · · · · · · ·			5 PRO	JECT NUMBER	
4. TROJECT TITLE	1			3. 1 KO	SECT NUMBER	
KC-46 ADD/ALTE STORAGE	R B1244 FUSELAGE	TRAINING/CARGO F	PALLET		PDPG221014	
12. <u>SUPPLEMENT</u>	ΓAL DATA:					
A. Estimated Desig	gn Data					
1. Status						
a. Type Of	Design: sign Started:				DBB	
	· ·	used to develop projec	et oost		01-MAR-22 YES	
	ge Complete 01-JAN-		a cost.		65%	
	sign 35% Complete				01-AUG-22	
f. Date Des	sign Complete - (If des	ign-build, construction	complete)		01-AUG-23	
2. Basis						
a. Standard	l or Definitive Design				Yes	
b. Where D	Design Was Most Rece	ntly Used		KC-46A		
3. Cost (Total)	c = c = a + b or d + e				(\$1,200)	
	ction Award				(\$0)	
	er Design Costs (Desig	gn-build)			(\$0)	
c. Total	+ (A E)				(\$1,200) (\$1,200)	
d. Contrac e In-house	e (management)				(\$1,200) (\$0)	
c. In nous	e (management)				(40)	
4. Construction	n Contract Award				01-JUN-24	
5. Construction Start					01-JUL-24	
6. Construction Completion 30-JUN-26			30-JUN-26			
D. FOLHDAGNER				DED EE	OM OTHER	
B. EQUIPMENT A APPROPRIATI		THIS PROJECT WHIC	H WILL BE PROVI	DED FR(OM OTHEK	
			Fiscal Year			
Equipm		Procuring	Appropriated		Cost	
Nomencl		<u>Appropriation</u>	Or Requeste	<u>d</u>	<u>(\$000)</u>	
Furniture / Storag		3740	FY 2026		950	
Interior Design Communications		3740 3740	FY 2026 FY 2026		200 300	
Communications	s Equipment	3/40	Г I 2020		300	

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FY 2024 MILITARY CONSTITUTION AND LOCATION RESERVE BASE, CA CY AND TYPE UTILIZATION Eivilian, technician and AGR force. One un	it training assem	bly per month	4. AREA	MAR 2023 CONSTR COST INDEX
TION AND LOCATION RESERVE BASE, CA CY AND TYPE UTILIZATION civilian, technician and AGR force. One un	-	• •		CONSTR COST INDEX
CY AND TYPE UTILIZATION eivilian, technician and AGR force. One un	-	• •	, 15 days annual f	
eivilian, technician and AGR force. One un	-	• •	, 15 days annual f	iald topining a second
	-	• •	, 15 days aimidai i	TELLI TELLINING NET VEST
CTIVE/GUARD/RESERVE INSTALLATIO	NS WITHIN 15 N			icid training per year.
		AILE RADIUS		
REQUESTED IN THIS PROGRAM				
PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	DESIGN COMPLETE
KC-46 TWO BAY MAINTENANCE/	14,576 SM	201,000	15-MAR-22	15-AUG-23
KC-46 ADD/ALTER B1244 FUSELAGE TRAINING/ CARGO	2,900 SM	17,000	15-MAR-22	15-AUG-23
PALLET STORAGE KC-46 ADD/ALTER B600 SIMULATOR FACILITY	861 SM	8,500	15-MAR-22	15-DEC-22
	CCOMMENDATI	ON		
•			Q.	
NONE			(Nun	nber of Acres)
S PLANNED IN NEXT FOUR YEARS				
PROJECT TITLE N/A		SCOPE	COST (\$000)	YEAR
	KC-46 TWO BAY MAINTENANCE/ FUEL HANGAR KC-46 ADD/ALTER B1244 FUSELAGE TRAINING/ CARGO PALLET STORAGE KC-46 ADD/ALTER B600 SIMULATOR FACILITY SERVE FORCES FACILITIES BOARD RE unilateral construction, May 2022 QUISITION REQUIRED NONE TS PLANNED IN NEXT FOUR YEARS PROJECT TITLE	PROJECT TITLE KC-46 TWO BAY MAINTENANCE/ FUEL HANGAR KC-46 ADD/ALTER B1244 EVERY STORAGE FUEL STORAGE KC-46 ADD/ALTER B600 PALLET STORAGE KC-46 ADD/ALTER B600 SIMULATOR FACILITY SERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral construction, May 2022 PUISITION REQUIRED NONE SERVE PROJECT TITLE N/A	PROJECT TITLE SCOPE SCOPE (S000) KC-46 TWO BAY MAINTENANCE/ 14,576 SM 201,000 FUEL HANGAR KC-46 ADD/ALTER B1244 2,900 SM 17,000 FUSELAGE TRAINING/ CARGO PALLET STORAGE KC-46 ADD/ALTER B600 861 SM 8,500 SIMULATOR FACILITY SERVE FORCES FACILITIES BOARD RECOMMENDATION unilateral construction, May 2022 PUISITION REQUIRED NONE SPLANNED IN NEXT FOUR YEARS PROJECT TITLE N/A SCOPE	PROJECT TITLE SCOPE (\$000) START KC-46 TWO BAY MAINTENANCE/ 14,576 SM 201,000 15-MAR-22 FUEL HANGAR KC-46 ADD/ALTER B1244 2,900 SM 17,000 15-MAR-22 FUSELAGE TRAINING/ CARGO PALLET STORAGE KC-46 ADD/ALTER B600 861 SM 8,500 15-MAR-22 SIMULATOR FACILITY SERVE FORCES FACILITIES BOARD RECOMMENDATION unilateral construction, May 2022 PUISITION REQUIRED (Num. NONE S PLANNED IN NEXT FOUR YEARS PROJECT TITLE SCOPE (\$000)

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298,000

1. COMPONENT AIR FORCE

RESERVE

FY 2024 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

MAR 2023

3. INSTALLATION AND LOCATION MARCH AIR RESERVE BASE, CA

11. PERSONNEL STRENGTH AS OF MAR 2022

PERMANENT (ARTs, AGRs, Non-ART Civilians)				GUARD/	RESERVE		
	TOTAL	OFFICER	ENLISTED	<u>CIVILIAN</u>	TOTAL	OFFICER	ENLISTED
AUTHORIZED	1092	112	644	336	2,660	496	2,164
ACTUAL	1017	90	664	263	3,411	613	2,798

12. RESERVE UNIT DATA

COL	1	17.7	T	1787	тт
21	к	ΗЛ	N(i I	н

4th Air Force 66 68 AFR West Recruiting Squadron 15 16 452 Air Mobility Wing 69 90 452 Operations Group 20 22 452 Operations Support Squadron 106 118 729 Airlift Squadron 115 111 336 Air Refueling Squadron 84 84 452 Aeromedical Evacuation Squadron 87 101 452 Contingency Response Squadron 39 45 452 Aeromedical Medicine Squadron 117 186 452 Medical Group 8 4 752 Medical Group 8 4 452 Maintenance Group 73 85 452 Maintenance Squadron 266 270 452 Aircraft Maintenance Squadron 180 189 452 Aeromedical Staging Squadron 112 145 452 Mission Support Group 14 11 452 Nission Support Group 14 11 452 Logistics Readiness Squadron 160 193 452 Force Support Squadron 109 163 452 Logistics Readiness Squadron 177 171	UNIT DESIGNATION	AUTHORIZED	ACTUAL
452 Air Mobility Wing 69 90 452 Operations Group 20 22 452 Operations Support Squadron 106 118 729 Airlift Squadron 115 111 336 Air Refueling Squadron 84 84 452 Aeromedical Evacuation Squadron 87 101 452 Contingency Response Squadron 39 45 452 Aeromedical Medicine Squadron 117 186 452 Medical Group 8 4 752 Medical Group 115 155 452 Maintenance Group 73 85 452 Maintenance Squadron 266 270 452 Aircraft Maintenance Squadron 180 189 452 Aeromedical Staging Squadron 112 145 452 Mission Support Group 14 11 452 Mission Support Group 14 11 452 Security Forces Squadron 160 193 452 Force Support Squadron 122 255 452 Force Support Squadron 109 163 452 Communications Squadron 177 171 50 Aerial Port Squadron 177	4th Air Force	66	68
452 Operations Group 20 22 452 Operations Support Squadron 106 118 729 Airlift Squadron 115 111 336 Air Refueling Squadron 84 84 452 Aeromedical Evacuation Squadron 87 101 452 Contingency Response Squadron 39 45 452 Aeromedical Medicine Squadron 117 186 452 Medical Group 8 4 752 Medical Group 115 155 452 Maintenance Group 73 85 452 Maintenance Squadron 266 270 452 Aircraft Maintenance Squadron 180 189 452 Aeromedical Staging Squadron 112 145 452 Mission Support Group 14 11 452 Civil Engineer Squadron 160 193 452 Security Forces Squadron 122 255 452 Force Support Squadron 109 163 452 Communications Squadron 177 171 56 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37	AFR West Recruiting Squadron	15	16
452 Operations Support Squadron 106 118 729 Airlift Squadron 115 111 336 Air Refueling Squadron 84 84 452 Aeromedical Evacuation Squadron 87 101 452 Contingency Response Squadron 39 45 452 Aeromedical Medicine Squadron 117 186 452 Medical Group 8 4 752 Medical Group 115 155 452 Maintenance Group 73 85 452 Maintenance Squadron 266 270 452 Aircraft Maintenance Squadron 180 189 452 Aeromedical Staging Squadron 112 145 452 Mission Support Group 14 11 452 Civil Engineer Squadron 160 193 452 Security Forces Squadron 122 255 452 Force Support Squadron 79 121 452 Logistics Readiness Squadron 109 163 452 Communications Squadron 177 171 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight	452 Air Mobility Wing	69	90
729 Airlift Squadron 115 111 336 Air Refueling Squadron 84 84 452 Aeromedical Evacuation Squadron 87 101 452 Contingency Response Squadron 39 45 452 Aeromedical Medicine Squadron 117 186 452 Medical Group 8 4 752 Medical Group 73 85 452 Maintenance Group 73 85 452 Maintenance Squadron 266 270 452 Aircraft Maintenance Squadron 180 189 452 Aeromedical Staging Squadron 112 145 452 Mission Support Group 14 11 452 Mission Support Group 14 11 452 Civil Engineer Squadron 160 193 452 Security Forces Squadron 122 255 452 Force Support Squadron 79 121 452 Logistics Readiness Squadron 109 163 452 Communications Squadron 177 171 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 <td>452 Operations Group</td> <td>20</td> <td>22</td>	452 Operations Group	20	22
336 Air Refueling Squadron 84 84 452 Aeromedical Evacuation Squadron 87 101 452 Contingency Response Squadron 39 45 452 Aeromedical Medicine Squadron 117 186 452 Medical Group 8 4 752 Medical Group 115 155 452 Maintenance Group 73 85 452 Maintenance Squadron 266 270 452 Aircraft Maintenance Squadron 180 189 452 Aeromedical Staging Squadron 112 145 452 Mission Support Group 14 11 452 Mission Support Group 14 11 452 Civil Engineer Squadron 160 193 452 Security Forces Squadron 122 255 452 Force Support Squadron 79 121 452 Logistics Readiness Squadron 109 163 452 Communications Squadron 177 171 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron	452 Operations Support Squadron	106	118
452 Aeromedical Evacuation Squadron 87 101 452 Contingency Response Squadron 39 45 452 Aeromedical Medicine Squadron 117 186 452 Medical Group 8 4 752 Medical Group 115 155 452 Maintenance Group 73 85 452 Maintenance Squadron 266 270 452 Aircraft Maintenance Squadron 180 189 452 Aeromedical Staging Squadron 112 145 452 Aircraft Maintenance Squadron 112 145 452 Mission Support Group 14 11 452 Civil Engineer Squadron 160 193 452 Security Forces Squadron 122 255 452 Force Support Squadron 79 121 452 Logistics Readiness Squadron 109 163 452 Communications Squadron 44 87 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group		115	111
452 Contingency Response Squadron 39 45 452 Aeromedical Medicine Squadron 117 186 452 Medical Group 8 4 752 Medical Group 115 155 452 Medical Group 73 85 452 Maintenance Group 73 85 452 Maintenance Squadron 266 270 452 Aircraft Maintenance Squadron 180 189 452 Aeromedical Staging Squadron 112 145 452 Mission Support Group 14 11 452 Civil Engineer Squadron 160 193 452 Security Forces Squadron 122 255 452 Force Support Squadron 79 121 452 Logistics Readiness Squadron 109 163 452 Communications Squadron 44 87 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119	336 Air Refueling Squadron	84	84
452 Aeromedical Medicine Squadron 117 186 452 Medical Group 8 4 752 Medical Group 115 155 452 Maintenance Group 73 85 452 Maintenance Squadron 266 270 452 Aircraft Maintenance Squadron 180 189 452 Aeromedical Staging Squadron 112 145 452 Mission Support Group 14 11 452 Civil Engineer Squadron 160 193 452 Security Forces Squadron 122 255 452 Force Support Squadron 79 121 452 Logistics Readiness Squadron 109 163 452 Communications Squadron 44 87 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123	452 Aeromedical Evacuation Squadron	87	101
452 Medical Group 8 4 752 Medical Group 115 155 452 Maintenance Group 73 85 452 Maintenance Squadron 266 270 452 Aircraft Maintenance Squadron 180 189 452 Aeromedical Staging Squadron 112 145 452 Mission Support Group 14 11 452 Civil Engineer Squadron 160 193 452 Security Forces Squadron 122 255 452 Force Support Squadron 79 121 452 Logistics Readiness Squadron 109 163 452 Communications Squadron 44 87 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123	452 Contingency Response Squadron	39	45
752 Medical Group 115 155 452 Maintenance Group 73 85 452 Maintenance Squadron 266 270 452 Aircraft Maintenance Squadron 180 189 452 Aeromedical Staging Squadron 112 145 452 Mission Support Group 14 11 452 Civil Engineer Squadron 160 193 452 Security Forces Squadron 122 255 452 Force Support Squadron 79 121 452 Logistics Readiness Squadron 109 163 452 Communications Squadron 44 87 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123	452 Aeromedical Medicine Squadron	117	186
452 Maintenance Group 73 85 452 Maintenance Squadron 266 270 452 Aircraft Maintenance Squadron 180 189 452 Aeromedical Staging Squadron 112 145 452 Mission Support Group 14 11 452 Civil Engineer Squadron 160 193 452 Security Forces Squadron 122 255 452 Force Support Squadron 79 121 452 Logistics Readiness Squadron 109 163 452 Communications Squadron 44 87 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123	452 Medical Group	8	4
452 Maintenance Squadron 266 270 452 Aircraft Maintenance Squadron 180 189 452 Aeromedical Staging Squadron 112 145 452 Mission Support Group 14 11 452 Civil Engineer Squadron 160 193 452 Security Forces Squadron 122 255 452 Force Support Squadron 79 121 452 Logistics Readiness Squadron 109 163 452 Communications Squadron 44 87 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123	752 Medical Group	115	155
452 Aircraft Maintenance Squadron 180 189 452 Aeromedical Staging Squadron 112 145 452 Mission Support Group 14 11 452 Civil Engineer Squadron 160 193 452 Security Forces Squadron 122 255 452 Force Support Squadron 79 121 452 Logistics Readiness Squadron 109 163 452 Communications Squadron 44 87 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123	452 Maintenance Group	73	85
452 Aeromedical Staging Squadron 112 145 452 Mission Support Group 14 11 452 Civil Engineer Squadron 160 193 452 Security Forces Squadron 122 255 452 Force Support Squadron 79 121 452 Logistics Readiness Squadron 109 163 452 Communications Squadron 44 87 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123	452 Maintenance Squadron	266	270
452 Mission Support Group 14 11 452 Civil Engineer Squadron 160 193 452 Security Forces Squadron 122 255 452 Force Support Squadron 79 121 452 Logistics Readiness Squadron 109 163 452 Communications Squadron 44 87 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123	452 Aircraft Maintenance Squadron	180	189
452 Civil Engineer Squadron 160 193 452 Security Forces Squadron 122 255 452 Force Support Squadron 79 121 452 Logistics Readiness Squadron 109 163 452 Communications Squadron 44 87 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123	452 Aeromedical Staging Squadron	112	145
452 Security Forces Squadron 122 255 452 Force Support Squadron 79 121 452 Logistics Readiness Squadron 109 163 452 Communications Squadron 44 87 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123		= :	
452 Force Support Squadron 79 121 452 Logistics Readiness Squadron 109 163 452 Communications Squadron 44 87 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123			
452 Logistics Readiness Squadron 109 163 452 Communications Squadron 44 87 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123	• 1		
452 Communications Squadron 44 87 50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123			
50 Aerial Port Squadron 177 171 56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123	452 Logistics Readiness Squadron	109	163
56 Aerial Port Squadron 177 160 922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123	452 Communications Squadron	44	87
922 Civil Engineer Flight 37 30 752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123	50 Aerial Port Squadron	177	171
752 Aircraft Maintenance Squadron 160 177 610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123	56 Aerial Port Squadron	177	160
610 Air Operations Group 6 7 710 Combat Operations Squadron 119 123	922 Civil Engineer Flight	37	30
710 Combat Operations Squadron 119 123	752 Aircraft Maintenance Squadron	160	177
	610 Air Operations Group	6	7
10tal 20/6 318/	710 Combat Operations Squadron Total	119 2676	<u>123</u> 3187

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	<u>ASSIGNED</u>	
C-17	8	9	
KC-46A	12	NEW MISSION	

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1. COMPONENT						2. DATE	
AIR FORCE RESERVE	FY 2024 MILITARY CONSTRUCTION F			PROJECT D	ATA	MAR 2023	
3. INSTALLATION	N AND LOCATI	ON	4. PROJ	ECT TITLE	•		
ANDERSEN AFB,	GUAM		AERIAL	PORT FACILI	TY		
5. PROGRAM ELE	MENT	6. CATEGORY	7. PROJECT 8. PROJ			ECT COST (\$000)	
52576F 171-873		171-873	NUMBER		\$27,000		
			AJJY231001				
		9. COST ES	STIMATES				
	ITEM		UM	OUANTITY	UNIT COS		
PRIMARY FACILI	TIES					15,463	
AERIAL PORT FACILITY			SM	1,752	8,611	(15,086)	
CYBER CONTROL SYSTEMS (2.5%)						(377)	
SUPPORTING FACILITIES						7,551	
UTILITIES			LS			(1,938)	
COMMUNICATION	ONS		LS			(919)	

LS

LS

LS

LS

LS

LS

10. DESCRIPTION OF PROPOSED WORK: Construct a new 1,752 SM (18,856 SF) Aerial Port Squadron facility. Construction to include reinforced concrete footings, foundation, and floor slab; structural steel framing, concrete block walls, fascia, and trim to match existing. Includes a mechanical and electrical system, communications, site utilities, pavement, and site improvements. Roof shall be tile over reinforced concrete roof deck with a roof slope of not less than 4:12. Floor plan and site plan to include: shop space, warehouse space, offices, loading docks, parking, driveways, utility connections, security fencing, security lighting and landscaping with vehicular access to the flight line and base supply. This project shall be designed and constructed in accordance with current ADA standards and shall incorporate all applicable aspects of the AFRC Energy Policy. Air conditioning: 55 tons

11. REQUIREMENT: 1,752 SM ADEQUATE: 0 SM SUBSTANDARD: 947 SM

PROJECT: Construct an Aerial Port Facility to accommodate current mission growth. (Current Mission)

REQUIREMENT: AFRCH 32-1001, Table 6.28 authorizes 18,856 GSF (1,752 GSM) for an Aerial Port Squadron (APS). The 44 APS processes air cargo in support of Air Force and DoD worldwide mobility mission requirements. This facility will provide authorized essential and critical space for mobile airmen to process cargo and load aircraft. In addition, the facility will provide administrative and training spaces. It will provide the 44 APS with the facility necessary to equip combat ready airmen in support of worldwide mobility operations. 44 APS has grown from a small unit to a large unit of 246 authorized personnel.

<u>CURRENT SITUATION</u>: The 44 APS operates out of Bldg. 17005 which is severely undersized for the current mission (currently 7,226 NSF / 10,191 GSF, or approximately 54% of the authorized space). The close-quarter and high traffic operations of the aerial port mission increases the risk for mishap. Bldg. 17005 also does not have immediate flightline access which is critical to aerial port functions. A new aerial port facility is needed to allow the 44 APS to fulfill assigned worldwide mobility mission requirements in a timely and efficient manner.

IMPACT IF NOT PROVIDED: The close-quarter high-traffic operations increases the risk for incident occurrence within Bldg. 17005. The lack of space and limited electrical infrastructure degrades the ability to train and reduces the efficiency of cargo build-up/movement. Use of shared training space limits training opportunities for vital AFSC job skills (i.e.: ATOC, Aircraft Services, Ramp Support, Cargo Freight Support, and PAX Support). The combination of high paced operations, saturated storage space, and convoluted flight line access present management with severe safety and operational constraints and increased risks.

<u>ADDITIONAL</u>: Facility was visited by and project generated by HQ AFRC/A4CD. All reasonable alternatives were considered during the development of this project to include add/alter existing facility. New construction is the only viable option to meet this requirement. A formal economic analysis will be completed before approval of the President's Budget. This project is a candidate for Comprehensive Interior Design. Funding from other appropriations of \$1.5M is for furniture and equipment. NEW WORK: 1,752 SM = 18,856 SF; ACF = 2.71 POC: HO AFRC/A4C

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

PAVEMENTS

SUBTOTAL

SITE IMPROVEMENTS

DESIGN/BUILD COST (4%)

TOTAL REQUEST (ROUNDED)

SUPERVISION, INSPECTION AND OVERHEAD (6.2%)

EQUIPMENT FROM OTHER APPROPRIATIONS

CONTINGENCY (5%)

TOTAL REQUEST

(3,353)

(1.341)

23,014

(1,151)

(1,427)

26,513

27,000

1,500

(921)

1	. COMPONENT
	AIR FORCE
	RESERVE
-	

FY 2024 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

No

MAR 2023

3	INST	TTA	ATION	AND I	OCA	TION
J.		11 / 1 /	A I I () I	A 1111 I	ΛM	

ANDERSEN	AFB,	GUAM

4. PROJECT TITLE 5. PROJECT NUMBER

AERIAL PORT FACILITY AJJY231001

12. <u>SUPPLEMENTAL DATA</u>:

A. Estimated Design Data

1.	Status

a. Type Of Design:	DBB
b. Date Design Started:	01-MAR-22
c. Parametric estimates have been used to develop project cost.	YES
d. Percentage Complete 01-JAN-23	65%
e. Date Design 35% Complete	01-AUG-22
f. Date Design Complete - (If design-build, construction complete)	01-AUG-23

2. Basis

3.

a. Standard or Definitive Design

a. Standard of Bennitive Besign	110
b. Where Design Was Most Recently Used	N/A
Cost (Total) = $c = a + b$ or $d + e$	(\$2,500)
a. Construction Award	(\$0)
b. All Other Design Costs (Design-build)	(\$0)
c. Total	(\$2,500)
d. Contract (A-E)	(\$2,500)
e. In-house (management)	(\$0)

4. Construction Contract Award 05-FEB-24

5. Construction Start 05-FEB-24

6. Construction Completion 02-OCT-26

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

		Fiscal Year	
Equipment	Procuring	Appropriated	Cost
<u>Nomenclature</u>	<u>Appropriation</u>	Or Requested	<u>(\$000)</u>
Furniture / Storage Equipment	3740	FY 2026	750
Interior Design Services	3740	FY 2026	400
Communications Equipment	3740	FY 2026	350

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1. COMPONENT		2. DATE	
AIR FORCE	FY 2024 MILITARY CONSTRUCTION PROJECT DA	TA	3.f.A.D. 2022
RESERVE	N AND YOR ATTON	4 .55	MAR 2023
3. INSTALLATIO	N AND LOCATION	4. AREA	A CONSTR COST INDEX 2.32
ANDERSEN AFB	GUAM		2.32
	AND TYPE UTILIZATION		
	an, technician and AGR force. One unit training assembly per month	, 15 days annual	field training per year.
		•	
	E/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS		
None			
7. PROJECTS REC	QUESTED IN THIS PROGRAM		
CATEGORY	COST	DESIGN	DESIGN
CODE	PROJECT TITLE SCOPE (\$000)	<u>START</u>	<u>COMPLETE</u>
None			
Q STATE DESERV	VE FORCES FACILITIES BOARD RECOMMENDATION		
6. STATE RESER	VE PORCES PACIEITIES BOARD RECOMMENDATION		
Not Applicable			
	ITION REQUIRED	(N	umber of Acres)
3. LAND ACQUIS	NONE	(14)	umber of Acres)
10 PROJECTS PI	ANNED IN NEXT FOUR YEARS		
10. TROJECISTI	MUNEDIVIEM FOUR LEMES		
CATEGORY		COST	
CODE	PROJECT TITLE SCOPE	<u>(\$000)</u>	YEAR
	N/A		
RPM BACKLOG A	AT THIS INSTALLATION (\$000):		
750			

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1. COMPONENT AIR FORCE	1	FV 2024 MI	II ITADV	CONSTRUC	CTION PROJEC	ΓΠΔΤΛ	2. DATE
RESERVE]	r 1 2024 Wil	LHAKI	CONSTRUC	TION I ROJEC	IDAIA	MAR 2023
3. INSTALLATION	N AND I	OCATION					•
ANDERSEN AFB,	GUAN	ſ					
11. PERSONNEL S			UG 2022				
	DEDM	ANENT (AD	ra ACDa Na	on-ART Civilia	ns) CHADI)/RESERVE	
	TO TA	OFFICER		D CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	<u>L</u> 6	0	6	0	246	19	227
ACTUAL	6	0	6	1	276	17	259
12. RESERVE UNI	TDATA	<u> </u>					
12. KESEKVE UNI	IDAIA	1					
***	DEGLA	NA TEN CONT		_	ATIMITODICES	STRENG	
		<u>NATION</u> Squadron			AUTHORIZED 223		ACTUAL 230
	ity Force	es Squadron			0		5
624 Pagi	36 Win	ng oport Group			2 3		2 4
602 Fie	eld Inve	stigations			1		2
624 Aerospa	ice Med	icine Squadro	on	_	23	_	39
				Total	252		282
2 MAJOR FOUN	DMEN IT	AND AIDOR	A E/T				
I3. MAJOR EQUIF	PMENT	AND AIRCR	AFT				
3. MAJOR EQUIP	PMENT	AND AIRCRA TYPE None	AFT		AUTHORIZED		ASSIGNED

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1. COMPONENT						2. DATE
AIR FORCE	FY 202	4 MILITARY CONSTRI	ATA			
RESERVE						MAR 2023
3. INSTALLATION		ON		ECT TITLE		
NAS JRB FORT W		1		VAREHOUSE		
5. PROGRAM ELE		6. CATEGORY		ECT NUMBER	8. PROJE	ECT COST (\$000)
525761	F	442-758/211-601	DDP	PM130009		\$16,000
		9. COST I	ESTIMATES	3		
	ITEM	·	UM	QUANTITY	UNIT COS	OST COST (\$000)
PRIMARY FACILI	ITIES					10,524
F-35 MAINTENAI	NCE AIRCRAI	FT SPARES STORAGE	SM	971	\$3,7	,736 (3,628)
(DSP) (211-601)						
LRS LOGISTICS V	WAREHOUSE	(442-758)	SM	1,779	\$3,7	,736 (6,646)
CYBER SECURIT	Ϋ́		LS]		(250)
SDD & EPAct05 (1	INCLUDED)					
SUPPORTING FAC	CILITIES					3,776
DEMOLITION			SM	1,919	\$3	\$348 (668)
SITE IMPROVEM	MENTS		LS			(837)
SITE PREPARAT	ION		LS			(720)
UTILITIES			LS			(291)
ROADS, SIDEWA	ALKS, PARKIN	√G	LS			(1,260
SUBTOTAL						14,300
CONTINGENCY	(5%)					715
TOTAL CONRACT	· /					15,013
		& OVERHEAD (6.5%)				976
TOTAL REQUEST		(3 2)				15,991
`						Í

10. DESCRIPTION OF PROPOSED WORK: Construct a consolidated warehouse for mobility equipment and F-35 Deployable Spares aircraft Parts (DSP): one-story structure consisting of reinforced concrete foundation and floor slab, pre-engineered metal panel walls with brick exterior, standing seam metal roof, fire protection, loading and unloading dock, vehicle parking lot, sidewalks, exterior lighting, reinforced roadway, and supporting utilities. This project demolishes B1229, an existing 1,919 SM (20,656 SF) facility constructed in 1942. Facilities will be designed as permanent construction in accordance with the Department of Defense Unified Facilities Criteria 1-200-01. Sustainable principles, to include life-cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Unified Facility Criteria 1-200-02. This project will comply with Department of Defense antiterrorism/force protection requirements per Unified Facility Criteria 4-010-01 and Air Conditioning: 30 Tons as applicable.

11. REQUIREMENT: 5,638 SM ADEQUATE: 1,936 SM SUBSTANDARD: 2,750 SM

PROJECT: LRS (Logistics Readiness Squadron) Warehouse.

TOTAL REQUEST (ROUNDED)

EOUIPMENT FROM OTHER APPROPRIATIONS

REQUIREMENT: The project clears the proposed construction site of a degraded and substandard 1942 warehouse. The new facility will provide warehouse storage for mobility equipment and deployable aircraft parts which are maintained and issued by the same organization. This facility includes space for aisles, receiving, shipping, packing, crating, equipment storage and issue, deployable aircraft parts maintenance and issue, central mobility weapons storage, general supply and base issue/supply point, personnel clothing and equipment, administration, equipment management, and transportation management. The LRS warehouse deficiency was validated by the AFRC 2016 FOCUS study. DSP requirements vetted thru the F-35 SATAF planning process.

16,000

680

1. COMPONENT AIR FORCE RESERVE	FY 2	024 MILITARY CONST	3. DATE MAR 2023			
3. INSTALLATION	AND LOCATI	ON	4. PROJECT TITLE			
NAS JRB FORT W	ORTH, TX	DRTH, TX LRS WAREHOUSE				
5. PROGRAM ELE 525761		6. CATEGORY 442-758/211-601	7. PROJECT NUMBER DDPM 130009	8. PROJECT C \$1	COST (\$000) 16,000	

<u>CURRENT SITUATION</u>: LRS is currently operates in eight dispersed locations and is short of authorized facility space as determined by the AFRC 2016 FOCUS report. Two additional Navy igloos, located on the airfield, have been temporarily assigned to the LRS. The Navy has requested that AFRC vacate the two igloos when able, but suitable space on base is not available. The F-35 DSP aircraft parts storage and maintenance is a new mission requirement.

<u>IMPACT IF NOT PROVIDED</u>: LRS will remain in crowded working conditions. Current packing and crating operations material storage is exposed to the weather. If the host requires the two storage igloos be returned before a new warehouse is constructed, off-base warehousing will be required until construction of additional facilities is completed, which will increase O&M costs and result in inefficient dispersed operations. The addition of the F-35 DSP requirements will displace current mobility equipment into unsuitable outdoor storage, risking equipment valued millions of dollars by exposing to weather and local wildlife. The loss of space provided by base host creates an unsustainable warehouse operation for mobility equipment and small arms and impacts the unit's ability to provide deployable aircraft spare parts to meet mission requirements.

ADDITIONAL: This project meets applicable criteria/scope specified in Air Force Reserve Command Handbook 32-1001, Facility Requirements. All reasonable alternatives were considered during the development of this project to include status quo, add/alter, and new construction. A formal economic analysis has been completed and recommends new construction. This design shall conform to criteria established in the Air Force Corporate Facilities Standards, the Installation Facilities Standards (if applicable), but will not employ a standard facility design because there is no Air Force standard facility design for this project, and there is no applicable standard design from Air Force Reserve /Air Force Civil Engineer Center. Sustainable principles, to include life cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive Orders. POC is 301st Fighter Wing, 301 MSG/BCE. Primary facility pricing based on Parametric Cost Engineering System (PACES) level 3 cost estimation. This project does not fall within, or partly within, the 100-year flood plain. This project is a candidate for comprehensive interior design. The project was not included in the Future Year's Defense Program (FYDP) 2025. New Work: (211-601: 971SM=10,454SF) & (442-758: 1,779 SM=19,149 SF).

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

1. COMPONENT AIR FORCE RESERVE	FY 2024 MILITARY CONSTRUCTION PROJECT DA		P. DATE MAR 2023
3. INSTALLATION A	ND LOCATION		
NAS JRB FORT WO			
4. PROJECT TITLE		5. PROJE	CT NUMBER
LRS WAREHOUSE			DDPM130009
12. <u>SUPPLEMENTA</u>	AL DATA:		
A. Estimated Design	Data:		
(d) Percent (e) Date 35% (f) Date Des	sign Started ric Cost Estimate use to develop costs Complete as of 01 JAN 2023	Des	sign-Bid-Build Mar 22 YES 65% 15-JUL-22 15-DEC-22 NO
2. Basis			
	of Definitive Design esign Was Most Recently Used	FY 8	NO & Project Title
(a) Production	c) = (a) + (b) or (d) + (e) on of Plans and Specifications r Design Costs		(\$000) (873) (582) (1,455) (1,455) (0)
4. Construction (Contact Award		05-FEB-24
5. Construction S	Start		05-FEB-24
6. Construction (Completion		02-OCT-26
B. EQUIPMENT AS	SOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDEI	D FROM C	OTHER

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

		Fiscal Year	
Equipment	Procuring	Appropriated	Cost
<u>Nomenclature</u>	<u>Appropriation</u>	Or Requested	<u>(\$000)</u>
Furniture / Storage Equipment	3740	FY 2025	600
Interior Design Services	3740	FY 2023	80

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1 COMPONENT				2 DATE	
1. COMPONENT AIR FORCE RESERVE	FY 2024 MILITARY CONST	RUCTION PR	OJECT DATA	2. DATE	MAR 2023
3. INSTALLATION	N AND LOCATION				CONSTR COST
NAS JRB FORT W	ORTH, TEXAS			INDEX	0.86
5. FREOUENCY A	ND TYPE UTILIZATION				0.00
Daily use by civilia	in, technician and AGR force. One unit	training assembl	y per month, 15 d	ays annual fiel	d training per year.
	E/GUARD/RESERVE INSTALLATION	S WITHIN 15 MI	LE RADIUS		
None					
7 PROJECTS REO	UESTED IN THIS PROGRAM				
	OESTED IN THIS I ROCKAIN				
CATEGORY <u>CODE</u>	PROJECT TITLE	SCOPE		DESIGN <u>START</u>	DESIGN <u>COMPLETE</u>
CODE	IKOJECI IIILE	SCOLE	<u>(\$000)</u>	<u>START</u>	COMILETE
8. STATE RESERV	/E FORCES FACILITIES BOARD REC	COMMENDATIO	N		
Approved for unila	teral construction, 15 April 2021				
9. LAND ACQUISI				(Num	ber of Acres)
y. Emily negelsi	NONE			(1 tani	oer of Heresy
10. PROJECTS PL	ANNED IN NEXT FOUR YEARS				
CATEGORY				COCT	
CATEGORY <u>CODE</u>	PROJECT TITLE		SCOPE	COST (\$000)	YEAR
RPM BACKLOG A 40,245	T THIS INSTALLATION (\$000):				

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AIR FORCE RESERVE	FY 202	24 MILITA	RY CONST	RUCTION	PROJECT DAT	A 2. DA	TE MAR 2023
3. INSTALLATIO	N AND LOC	CATION					
NAS JRB FORT V	VORTH, T	X					
11. PERSONNEL S	STRENGTH	I AS OF MAY	2021				
	PERMAN TOTAL	ENT (ARTs, A <u>OFFICER</u>		RT Civilians) <u>CIVILIAN</u>	GUARD/RE <u>TOTAL</u>	SERVE OFFICER	ENLISTED
AUTHORIZED	596	69	344	183	1,223	196	1,027
ACTUAL	524	59	309	156	1,268	229	1,039
2. RESERVE UN	IT DATA						
				_		STRENGT	
<u>UNI</u>	T DESIGNA 10 Air For				<u>AUTHORIZED</u>		ACTUAL 72
3(10 Air For 11 Fighter V				70 103		73 111
	Operations 1				13		7
	rations Sup				42		40
	Fighter Squ				41		43
	Maintenance				54		42
	aintenance				292 287		307
	ission Supp	nce Squadron			20		289 7
	il Engineer				103		98
	urity Forces				148		93
	rce Support				58		77
_		ess Squadron			122		132
		s Squadron			45		63
	Contracting	-			12		10
	Medical Sq				231		229
	erial Port S FRC Recru				123 16		132 16
	/il Engineer				39		23
022 61	in Engineer			Total	1,819	•	1,792
							,
3. MAJOR EQUI	PMENT AN	D AIRCRAFT	Γ				

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AUTHORIZED 24

ASSIGNED

TYPE F-35

DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2024

APPROPRIATION: MILITARY CONSTRUCTION, AIR FORCE RESERVE

PROGRAM 341.020 UNSPECIFIED MINOR CONSTRUCTION \$9,926,000

PART I - PURPOSE AND SCOPE

The funds requested for unspecified minor construction will finance new construction projects having cost estimates less than \$9,000,000.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The funds requested for unspecified minor construction will finance unforeseen projects generated during the year and are necessary to support mission requirements.

1. COMPONENT						2. DATE
AIR FORCE RESERVE	FY	2024 MILITARY (MAR 2023			
3. INSTALLATION	AND LO	CATION	4. PROJEC	T TITLE		
VARIOUS LOCAT	IONS		UNSPECIF	TIED MINOR C	CONSTRUCTION	
5. PROGRAM ELE	MENT	6. CATEGORY	7. PROJEC	T NUMBER	8. PROJECT CO	OST (\$000)
52576F		962-000	PAYZ	2240341		9,926
9. COST ESTIMAT	ES			_		
	ITEN	1	UM	QUANTITY	UNIT COST	COST (\$000)
UNSPECIFIED MI SUBTOTAL TOTAL CONTRAI TOTAL REQUEST	CT COST		LS	-	-	9,926 9,926 9,926 9,926

10. **DESCRIPTION OF PROPOSED WORK:**

11. REQUIREMENT: As required.

PROJECT: Unspecified Minor Construction

REQUIREMENT: This appropriation provides a lump sum amount for unspecified minor construction projects, not otherwise authorized by law, having a funded cost less than \$9,000,000. Work includes construction, alteration or conversion of temporary facilities in accordance with Title 10, USC 18233 and 18233a. Some of these projects are not yet identified but are expected to arise in FY23.

IMPACT IF NOT PROVIDED: No means to accomplish exigent projects costing less than \$9,000,000 will exist, severely degrading the ability of the Air Force Reserve to efficiently and effectively address unforeseen facility modifications, alteration and conversion requirements.

SECTION 4 PLANNING AND DESIGN

1. COMPONENT AIR FORCE RESERVE	FY	2024 MILITARY CO	2. DATE MAR 2023			
3. INSTALLATION A VARIOUS LOCATIO	OCATION	4. PROJECT TITLE PLANNING AND DESIGN				
5. PROGRAM ELEMENT (6. CATEGORY CODE	7. PROJECT NUMBER		8. PROJECT COST (\$000)	
52576F		961-000	PAYZ 240313		12,146	
9. COST ESTIMATES	S					
ITEM		UM	QUANTITY	UNIT COST	COST (\$000)	
PLANNING AND DESIGN SUBTOTAL TOTAL CONTRACT COST TOTAL REQUEST			LS	-	-	12,146 12,146 12,146 12,146

10. DESCRIPTION OF PROPOSED WORK:

11. REQUIREMENT: As required.

PROJECT: Planning and Design.

REQUIREMENT: Funds for architectural and engineering services and construction provide for the completed design of facilities and evaluation of designs in terms of technical adequacy and estimated costs. In addition, these funds are required to prepare site surveys and develop master plans, working drawings, specifications, project planning reports, and designs required for those construction projects included in the Air Force Reserve (AFR) Military Construction (MILCON) Program. The advanced age and continued deterioration of the AFR physical plant and infrastructure have generated numerous facility requirements, requiring these architectural and engineering services for design. In addition, there are numerous new mission bed-down projects that received no previous planning and design funds. It is essential the AFR be funded at the requested level to ensure operational readiness is not hampered or degraded due to inadequate facilities.

IMPACT IF NOT PROVIDED: Continued design on this fiscal year program, as well as future year MILCON programs, will be impossible.

SECTION 5 FUTURE YEARS DEFENSE PROGRAM

DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM FUTURE YEARS MILITARY CONSTRUCTION PROGRAM (\$000)

FY	State	Base	Project	Туре	Foot print	PA
25	IN	Grissom ARB	Indoor Small Arms Range	Current Mission	New	21,000
25	GA	Dobbins ARB	Security Forces Facility	Current Mission	New	22,000
25	ОН	Youngstown ARS	Base Fire Station	Current Mission	New	25,000
				Total Projects Planning & Design Unspecified MC		68,000 562 563
				Total FY25 Program		69,125
26	GA	Dobbins ARB	94 Logistics Readiness Squadron Facility	Current Mission	New	26,000
26	PA	Pittsburgh ARS	Combat Arms Training Facility	Current Mission	New	12,000
26	TX	Joint Base San Antonio	C5M Aerospace Ground Equipment Maintenance Facility	Current Mission	New	15,000
				Total Projects		53,000
				Planning & Design		6,400
				Unspecified MC		8,448
				Total FY26 Program		67,848
27	GA	Dobbins ARB	CE Group Facility	Current Mission	New	12,000
27	FL	Homestead ARB	Aerospace Ground Equipment (AGE) Facility	Current Mission	New	12,000
27	MA	Westover ARB	Extend Taxiway Golf	Current Mission	New	20,000
27	PA	Pittsburgh ARS	Communications Facility	Current Mission	New	15,000
				Total Projects Planning & Design Unspecified MC		59,000 4,400 4,282
				Total FY27 Program		67,682
28 28	MO SC	Whiteman AFB Joint Base Charleston	South Apron Addition Aeromedical Evacuation Facility	Current Mission Current Mission	New New	45,000 12,000
				Total Projects Planning & Design Unspecified MC		57,000 4,360 6,406
				Total FY28 Program		67,766