AIR NATIONAL GUARD

Fiscal Year (FY) 2024
BUDGET ESTIMATES

MILITARY CONSTRUCTION BUDGET
ESTIMATES PROGRAM YEAR 2024

Justification Data Submitted to Congress

March 2023

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2024

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SUMMARY PROJECT LIST
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2024

STATE	INSTALLATION AND PROJECT	AUTH AMOUNT ($000)	APPN AMOUNT ($000)	PAGE NO.
ALABAMA	**Montgomery Regional Airport ANG Base**			
	F-35: ADAL Squadron Operations Bldg 1303	7,000	7,000	**II-1**
		7,000	**7,000**	
ARIZONA	**Tuscon International Airport**			
	MCCA: Aircraft Arresting System (New Rwy)	11,600	11,600	**II-6**
		11,600	**11,600**	
COLORADO	**Buckley Air Force Base**			
	Aircraft Corrosion Control Facility	12,000	12,000	**II-11**
		12,000	**12,000**	
INDIANA	**Ft Wayne International Airport**			
	Fire Station	8,900	8,900	**II-16**
		8,900	**8,900**	
OREGON	**Portland International Airport**			
	Special Tactics Complex, Phase 1	22,000	22,000	**II-21**
	Special Tactics Complex, Phase 2	18,500	18,500	**II-26**
		40,500	**40,500**	
	SUB-TOTAL -- MAJOR CONSTRUCTION	**80,000**	**80,000**	
	PLANNING AND DESIGN		**35,600**	**II-29**
	UNSPECIFIED MINOR CONSTRUCTION		**63,122**	**II-31**
	SUB - TOTAL -- SUPPORT COSTS		**98,722**	
	GRAND TOTAL - FY 2024 REQUEST	**80,000**	**178,722**	

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NEW MISSION/CURRENT MISSION EXHIBIT
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2024

LOCATION	PROJECT	COST ($000)	CURRENT/ NEW/ENV
Montgomery Regional Airport ANG Base, AL	F-35: ADAL Squadron Operations Bldg 1303	7,000	N
Tuscan International Airport, AZ	MCCA: Aircraft Arresting System (New Rwy)	11,600	C
Buckle Air Force Base, CO	Aircraft Corrosion Control Facility	12,000	C
Fort Wayne International Airport, IN	Fire Station	8,900	C
Portland International Airport, OR	Special Tactics Complex, Phase 1	22,000	C
Portland International Airport, OR	Special Tactics Complex, Phase 2	18,500	C

PLANNING AND DESIGN	**35,600**
UNSPECIFIED MINOR CONSTRUCTION	**63,122**
TOTAL ENERGY	**0**
TOTAL ENVIRONMENTAL	**0**
TOTAL NEW MISSION (1)	**7,000**
TOTAL CURRENT MISSION (5)	**73,000**
GRAND TOTAL - FY 2024 REQUEST	**178,722**

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DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2024

SECTION I

APPROPRIATIONS LANGUAGE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air National Guard, and contributions therefor, as currently authorized by law, $178,722,000 to remain available until September 30, 2028: Provided that, of the amount, not to exceed 35,600,000 shall be available for study, planning, design, and architect and engineer services, as authorized by law, unless the Director of the Air National Guard 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.

SPECIAL PROGRAM CONSIDERATIONS

Environmental Compliance

The environmental compliance projects proposed in this program are necessary to correct current environmental noncompliance situations and to prevent future

Flood Plain Management and Wetland Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned in accordance with the requirements of Executive Orders 11988, Flood Plain Management, and 11900, Protection of Wetlands. Projects have been sited to avoid long and short-term adverse impacts, reduce the risk of flood losses, and minimize the loss, or degradation of wetlands.

Design for Accessibility of Physically Handicapped Personnel

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

Preservation of Historical Sites and Structures

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object, or setting listed in the National Register of Historic Places, except as noted on the DD Forms 1391.

Environmental Protection

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

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources.

SPECIAL PROGRAM CONSIDERATIONS
(continued)

Reserve Manpower Potential

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

Construction Criteria Manual

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in the Unified Facilities Criteria (UFC).

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DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2024

SECTION II

PROJECT INSTALLATION / JUSTIFICATION DATA

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1. COMPONENT	**FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION**	2. DATE
ANG		MAR 2023
3. INSTALLATION AND LOCATION MONTGOMERY REGIONAL AIRPORT (ANG) BASE, MONTGOMERY		4. AREA CONSTR COST INDEX .87

5. FREQUENCY AND TYPE OF UTILIZATION
Twenty-four monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS
One Active AFB - 5 miles, one Marine Reserve - 12 miles, three Army Reserves - 10 - 15 miles, five Army National Guard Units - 2-12 miles and two Air National Guard Units - 5 miles.

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
141-753	F-35: Add to and Alter Squadron Operations Building 1303	428 SM (4,600 SF)	7,000	Mar 21	Oct 22

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
The Board recommendations are: Unilateral Construction Approved — 25 Jan 21 (Date)

9. LAND ACQUISITION REQUIRED — 10 (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
171-875	F-35 Weapons Load Crew Training Facility	929 SM (10,000 SF)	9,200
	R&M Unfunded Requirement: $20,410		

DD FORM 1390S/1, MAY 1978

1. COMPONENT	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION

MONTGOMERY REGIONAL AIRPORT (ANG) BASE, MONTGOMERY

11. PERSONNEL STRENGTH AS OF 16 Mar 21

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	438	31	243	164	1,115	123	992
ACTUAL	391	26	212	153	1,023	123	900

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
100 FIGHTER SQUADRON	28	33
187 AIRCRAFT MAINTENANCE SQUADRON	227	199
187 CIVIL ENGINEERING SQUADRON	93	89
187 COMMUNICATION FLIGHT	37	41
187 COMPTROLLER FLIGHT	13	11
187 FORCE SUPPORT SQUADRON	41	41
187 FIGHTER WING	45	40
187 LOGISTICS READINESS SQUADRON	80	77
187 MEDICAL GROUP	71	84
187 MAINTENANCE OPERATIONS FLIGHT	22	18
187 MISSION SUPPORT GROUP	14	15
187 MAINTENANCE GROUP	26	24
187 MAINTENANCE SQUADRON	285	241
187 OPERATIONS GROUP	16	9
187 OPERATIONS SUPPORT SQUADRON	36	38
187 SECURITY FORCES SQUADRON	78	77
187 STUDENT FLIGHT	3	1
TOTALS	1,115	1,038

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ACTUAL
F-16	18	24
Support Equipment	372	406
Vehicle Equivalents	240	217
Vehicles	110	92

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MONTGOMERY REGIONAL AIRPORT (ANG) BASE, ALABAMA	F-35: ADAL SQUADRON OPERATIONS BULDING 1303

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST *($000)*
52635F	141-753	FAKZ189102	$7,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST *($000)*
F-35: ADAL SQUADRON OPS BUILDING 1303	SM	428		5,942
RECONFIGURE FOR ALIS SUPPORT (141-753)	SM	93	10,764	(1,001)
RECONFIGURE MANTRAP AREA (141-753)	SM	28	21,528	(603)
CONSTRUCT LIFE SUPPORT ADDITION (141-753)	SM	84	9,688	(814)
CONSTRUCT SPECIAL ACCESS AREA (141-753)	SM	149	19,375	(2,887)
CONSTRUCT PERFORMANCE ELEMENT (141-753)	SM	74	8,611	(637)
SUPPORTING FACILITIES				370
SLAB FOUNDATION	LS			(220)
UTILITY SERVICE	LS			(75)
SITE IMPROVEMENTS	LS			(75)
SUBTOTAL				6,312
CONTINGENCY (5%)				316
TOTAL CONTRACT COST				6,628
SUPERVISION, INSPECTION AND OVERHEAD (6%)				398
TOTAL REQUEST				7,026
TOTAL REQUEST (ROUNDED)				7,000

10. Description of Proposed Construction: Add to and alter the squadron operations facility by utilizing conventional design and construction methods. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Special Construction Requirements: Elements of the building require construction to ICD/ICS 705 standards.
Air Conditioning: 140 KW.

11. REQUIREMENT: 2,398 SM ADEQUATE: 1,971 SM SUBSTANDARD: 121 SM

PROJECT: F-35: Add to and Alter Squadron Operations Building 1303 (New Mission)

REQUIREMENT: The installation requires properly sited, adequately sized, and appropriately configured squadron operations facility to support new mission bed down of 18 PAA F-35 aircraft. Specifically, areas for Autonomic Logistics Information System (ALIS) hardware, ALIS support, and an enlarged intelligence and human performance element functions are needed.

CURRENT SITUATION: The installation is scheduled to receive new F-35A aircraft, and the base does not possess requisite space in suitable condition and configuration to meet bed down requirement. Specifically with respect to the squadron operations facility, the building does not have any ALIS capability as this is a new system, unique to the F-35. The existing man trap area and entrance to the conference area needs to be reconfigured. An addition to the life support and intelligence areas is required in order to accommodate additional training requirements.

IMPACT IF NOT PROVIDED: Failure to bed down new F-35A aircraft on time will delay the new mission standup at the Montgomery Regional Airport. The present facility is not properly configured to accommodate new operations and maintenance requirements that come with this aircraft. If ALIS is not accommodated and incorporated, in this space, then the aircraft simply will not be able to fly because ALIS is the backbone of all flight and maintenance operations. There is no ALIS capability present within the facility. This will result in the unit

being unable to gain maximum efficiency in the training, proficiency, and mission readiness of its fighter pilots, according to the Air Combat Command F-35A Fleet Basing Strategy. Personnel would need to perform temporary duty elsewhere in order to obtain requisite training or perform maintenance actions, resulting in increased costs for travel and increased time away from the installation and other duty assignments for personnel. Personnel utilization would be highly inefficient and mission degradation would result.

ADDITIONAL: 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 13693, 10 USC 2802(c) and other applicable laws and Executive Orders. This project is considered capitalization based on the following rule from Air National Guard Engineering Technical Letter (ANGETL) 17-06: Extending the useful life of an existing facility. The Facility Replacement Value is $9.2M. The Unspecified Minor Military Construction limit for this location at the time of project approval is $6,000,000 (Area Cost Factor = 0.85 as of 05/28/2019).

Cat Code		Requirement	Adequate	Substandard
141-453	BASE OPERATIONS	186 SM	186 SM	0 SM
141-753	SQUADRON OPERATIONS	84 SM	0 SM	0 SM
141-753	SQUADRON OPERATIONS	149 SM	0 SM	0 SM
141-753	SQUADRON OPERATIONS	74 SM	0 SM	0 SM
141-753	SQUADRON OPERATIONS	1,906 SM	1,785 SM	121 SM

RECONFIGURE FOR ALIS SUPPORT (141-753)	93 SM = 1,000 SF
RECONFIGURE MANTRAP AREA (141-753)	28 SM = 300 SF
CONSTRUCT LIFE SUPPORT ADDITION (141-753)	84 SM = 900 SF
CONSTRUCT SPECIAL ACCESS AREA (141-753)	149 SM = 1,600 SF
CONSTRUCT PERFORMANCE ELEMENT (141-753)	74 SM = 800 SF

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION
MONTGOMERY REGIONAL AIRPORT (ANG) BASE, ALABAMA

5. PROJECT TITLE	7. PROJECT NUMBER
F-35: ADD TO AND ALTER SQUADRON OPERATIONS BULDING 1303	FAKZ189102

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	MAR 2021
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2023	100%
* (d) Date 35% Designed	JAN 2022
(e) Date Design Complete	OCT 2022
(f) Type of Design Contract	IDIQ
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	No
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	194
(b) All Other Design Costs	107
(c) Total	301
(d) Contract	301
(e) In-House	
(4) Contract Award (Month/Year)	JAN 2024
(5) Construction Start	JUL 2024
(6) Construction Completion	JUL 2026

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: NGB/A4AD
(240) 612-9879

1. COMPONENT	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		MAR 2023
3. INSTALLATION AND LOCATION MORRIS AIR NATIONAL GUARD BASE, TUCSON IAP		4. AREA CONSTR COST INDEX .94

5. FREQUENCY AND TYPE OF UTILIZATION
Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for pilot training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS
1 Air Force Base FBNV (214RG, Snowbird Ops), 1 Army HFHA (AATTC, 214RG LRE)

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
112-211	MCCA: Aircraft Arresting System (New RWY)	22,297 SM (26,667 SY)	11,600	Apr 19	Mar 23

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
The Board recommendations are: Unilateral Construction Approved — 18 Sep 20 (Date)

9. LAND ACQUISITION REQUIRED — None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
216-642	Construct Munitions Storage Complex	2,447 SM (26,340 SF)	20,000
730-839	Base Entry Complex	363 SM (3,900 SF)	10,000
	R&M Unfunded Requirement: $17,660		

DD FORM 1390S/1, MAY 1978

1. COMPONENT	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION

MORRIS AIR NATIONAL GUARD BASE, TUCSON IAP

11. PERSONNEL STRENGTH AS OF 2 Nov 22

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	1,419	149	1,187	83	1,101	167	934
ACTUAL	972	96	836	40	1,045	147	898

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
148 FIGHTER SQUADRON	26	15
152 FIGHTER SQUADRON	23	13
162 AIRCRAFT MAINTENANCE SQUADRON	288	287
162 CE STATE EMPLOYEE	46	45
162 CIVIL ENGINEERING SQUADRON	40	46
162 COMMUNICATION FLIGHT	37	49
162 COMPTROLLER FLIGHT	19	22
162 FORCE SUPPORT SQUADRON	73	62
162 FW DET	18	13
162 FWDET	18	13
162 LOGISTICS READINESS SQUADRON	94	99
162 MEDICAL GROUP	66	85
162 MAINTENANCE OPERATIONS FLIGHT	51	32
162 MISSION SUPPORT GROUP	21	21
162 MAINTENANCE GROUP	46	34
162 MAINTENANCE SQUADRON	389	324
162 OPERATIONS GROUP	16	12
162 OPERATIONS SUPPORT SQUADRON	44	44
162 SECURITY FORCES SQUADRON	76	80
162 WEATHER FLIGHT	10	8
162 WING	52	47
195 FIGHTER SQUADRON	28	19
214 OPERATIONS SUPPORT SQUADRON	106	100
214 RECONNAISSANCE GROUP	107	107
214 RECONNAISSANCE SQUADRON	104	70
TOTALS	1,798	1,647

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ACTUAL
152 FS F-16	25	25
195 FS F-16	30	30
AATC F-16	8	8
DUTCH F-16	10	10
IRAQI F-16	12	12
Support Equipment	330	363
Vehicle Equivalents	586	534
Vehicles	280	244

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TUSCON INTERNATIONAL AIRPORT, ARIZONA	MCCA: AIRCRAFT ARRESTING SYSTEM (NEW RWY)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST *($000)*
52620F	112-041	XHEA999163	$11,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST *($000)*
AIRCRAFT ARRESTING SYSTEM	SM	22,297		9,072
CONSTRUCT OVERRUN EXTENSION (111115)	SM	11,148	96	(1,070)
INSTALL NEW ARRESTING SYSTEM (116922)	EA	2	1,800,00	(3,600)
INSTALL NEW TEXTILE BRAKE (116922)	EA	1	0	(400)
ANG SHARE RUNWAY PAVEMENT (111111)	SM	11,149	400,000	(4,002)
SUPPORTING FACILITIES	LS		359	775
SITE IMPROVEMENTS	LS			(350)
UTILITIES	LS			(250)
ACCESS ROAD	LS			(175)
AIRPORT AUTHORITY ADMINISTRATION FEES	LS			500
SUBTOTAL				10,347
CONTINGENCY (5%)				517
TOTAL CONTRACT COST				10,864
SUPERVISION, INSPECTION AND OVERHEAD (6%)				652
TOTAL REQUEST				11,516
TOTAL REQUEST (ROUNDED)				11,600

10. Description of Proposed Construction: Construct two BAK 12/14 Aircraft Arresting System (AAS) supporting infrastructure. Provide site preparation, vehicle access pavements and connections to control systems. Construct runway pavement to provide required concrete approach and run out areas for barrier tape. Construct Textile Brake Barrier and overrun extension. Project includes the Tucson Airport Authority (TAA) administrative costs.

11. REQUIREMENT: 11,148 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM

PROJECT: Construct BAK 12/14 Aircraft Arresting System/Textile Brake/Overrun Extension (Current Mission)

REQUIREMENT: The 162d Wing requires properly configured aircraft arresting systems to support aircraft flying operations. An AAS for Tucson International Airport's new runway is required for the 80 F-16 aircraft assigned to the 162d Fighter Wing and numerous transient military aircraft. This project installs two BAK 12/14 arresting systems and one Textile Brake overrun barrier as part of a Federal Aviation Administration (FAA) funded Airfield Safety Enhancement project. The configuration and location of the AAS will be determined in accordance with AFI 32-1043. The new runway will also require paved access drives to prevent FOD and steel pipe tape tubes capable of handling aircraft landing loads for airfield safety criteria.

CURRENT SITUATION: The wing currently operates two BAK 12/14 systems and one BAK 12 overun barrier on existing runway 11L-29R. These arresting systems will need to be replicated as part of the construction of a new parallel runway that will serve as the primary runway for F-16 operations as part of an FAA funded Airfield Safety Enhancement project. The existing barriers will be repaired once the new runway construction is complete as a separate project in order to align with FAA funding timelines.

IMPACT IF NOT PROVIDED: The potential for a major aircraft accident exists without the installation of these AAS. Loss of operability of the existing BAK-14 on the existing runway is projected as part of a airfield safety enhancement project phased from FY21-23, which would leave the wing without an operational AAS for large periods during construction. Curtailment of sorties based on barrier availability will hamper unit readiness. Not aligning this project with Airport Authority construction activities will also impede civilian aircraft operations.

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION

TUSCON INTERNATIONAL AIRPORT, ARIZONA

4. PROJECT TITLE	7. PROJECT NUMBER
MCCA: AIRCRAFT ARRESTING SYSTEM (NEW RWY)	XHEA999163

ADDITIONAL: This project meets the criteria/scope specified in the Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan, Work to be accomplished via Military Construction Cooperative Agreement (MCCA) with the Tucson Airport Authority.

Cat Code		Requirement	Adequate	Substandard
111-115	PAVED OVERRUN	11,148 SM	0 SM	0 SM

CONSTRUCT OVERRUN EXTENSION (111115) 11,148 SM = 13,333 SY
ANG SHARE RUNWAY PAVEMENT (111111) 11,149 SM = 13,334 SY

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION
TUSCON INTERNATIONAL AIRPORT, ARIZONA

5. PROJECT TITLE	7. PROJECT NUMBER
MCCA: AIRCRAFT ARRESTING SYSTEM (NEW RWY)	XHEA999163

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	APR 2019
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2023	95%
* (d) Date 35% Designed	JAN 2021
(e) Date Design Complete	MAR 2023
(f) Type of Design Contract	IDIQ
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	No
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	264
(b) All Other Design Costs	89
(c) Total	353
(d) Contract	353
(e) In-House	
(4) Contract Award (Month/Year)	JAN 2024
(5) Construction Start	JUL 2024
(6) Construction Completion	JUL 2025

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: NGB/A4AD
(240) 612-9879

1. COMPONENT	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		MAR 2023
3. INSTALLATION AND LOCATION BUCKLEY AIR FORCE BASE, AURORA		4. AREA CONSTR COST INDEX 1.01

5. FREQUENCY AND TYPE OF UTILIZATION

NORAD and Air Sovereignty Alert Operations are 24 Hours per day, 365 days per year; Normal guard organization operation 24 hrs, 7 days/week: Administration, facility sustainment operations; aircraft maintenance operations two 10 hour shifts four days per

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS

ARNG Armory, Aurora, three Miles; Navy, Marines, Coast Guard Reserve Center, Aurora on Buckley AFB; ARNG Aviation Support Facility, USAR Armory, Denver, six miles.

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
211-159	Aircraft Corrosion Control Facility	1,273 SM (13,700 SF)	12,000	Sep 17	Sep 23

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

The Board recommendations are: Unilateral Construction Approved — 10 May 22 (Date)

9. LAND ACQUISITION REQUIRED — 1180 (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
851-147	Relocate Sunlight Way	12,542 SM (15,000 SY)	2,300
214-426	Construct Snow Barn	1,579 SM (17,000 SF)	2,600

R&M Unfunded Requirement: $20,230

DD FORM 1390S/1, MAY 1978

1. COMPONENT	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION

BUCKLEY AIR FORCE BASE, AURORA

11. PERSONNEL STRENGTH AS OF 2 Nov 22

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	581	57	406	118	1,192	176	1,016
ACTUAL	572	63	419	90	1,133	188	945

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
120 FIGHTER SQUADRON	31	30
140 AIRCRAFT MAINTENANCE SQUADRON	280	191
140 FEDERAL EMPLOYEE	75	66
140 CE STATE EMPLOYEE	43	24
140 CIVIL ENGINEERING SQUADRON	105	104
140 COMMUNICATION FLIGHT	38	48
140 COMPTROLLER FLIGHT	15	15
140 FORCE SUPPORT SQUADRON	57	55
140 LOGISTICS READINESS SQUADRON	85	86
140 MEDICAL GROUP	84	102
140 MAINTENANCE OPERATIONS FLIGHT	31	18
140 MISSION SUPPORT GROUP	17	20
140 MAINTENANCE GROUP	37	27
140 MAINTENANCE SQUADRON	328	247
140 OPERATIONS GROUP	16	14
140 OPERATIONS SUPPORT SQUADRON	66	49
140 SECURITY FORCES SQUADRON	73	77
140 STUDENT FLIGHT	29	36
140 WING	76	64
240 CIVIL ENGINEERING FLIGHT	38	27
CO JFHQ	55	51
TOTALS	1,579	1,351

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ACTUAL
F-16	18	25
Support Equipment	352	314
Vehicle Equivalents	408	408
Vehicles	185	179

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BUCKLEY AIR FORCE BASE, COLORADO	AIRCRAFT CORROSION CONTROL FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST *($000)*
52620F	211-159	CRWU139039	$12,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST *($000)*
FUEL CELL AND CORROSION CONTROL HANGAR	SM	1,273		8,221
CORROSION CONTROL HANGAR & SHOP AREA	SM	1,273	6,458	(8,221)
SUPPORTING FACILITIES				2,500
UTILITIES	LS			(500)
PAVEMENTS	LS			(250)
SITE IMPROVEMENTS	LS			(750)
COMMUNICATION SUPPORT	LS			(250)
FIRE SUPPRESSION SUPPORT	LS			(750)
SUBTOTAL				10,721
CONTINGENCY (5%)				536
TOTAL CONTRACT COST				11,257
SUPERVISION, INSPECTION AND OVERHEAD (6%)				675
TOTAL REQUEST				11,932
TOTAL REQUEST (ROUNDED)				12,000

10. Description of Proposed Construction: Construct a Corrosion Control facility utilizing conventional design and construction methods to accommodate the mission of the facility. Facilities will be designed as permanent construction in accordance with the DoD Unified Facilities Criteria (UFC) 1-200-01, General Building Requirements and UFC 1-200-02, High Performance and Sustainable Building Requirements. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria.
Air Conditioning: 88 KW.

11. REQUIREMENT: 1,273 SM ADEQUATE: 0 SM SUBSTANDARD: 871 SM

PROJECT: Corrosion Control Hanger (Current Mission)

REQUIREMENT: The 140th Wing (WG) requires adequately sized, strategically located, and properly configured facility to perform environmentally safe corrosion control maintenance in accordance with the Occupational Safety and Health Administration (OSHA) and the Air Force Occupational Safety and Health Standard (AFOSH). Proper heating, electrical, plumbing, compressed air systems, mechanical ventilation, fume sensing/alarm systems, fire extinguishing and wash-down drains are required in this facility. Additionally, the Corrosion Control Hangar. provides an environmentally controlled area to wash aircraft for corrosion treatment and repair. Corrosion Control Shops with media stripping booth (abrasive blasting) are required for paint preparation; surface stripping and preparation; drying; mixing; and applying paint and surface treatment; and administrative areas to support corrosion control personnel. An environmentally controlled building is required to safely store the blast and cleaning supplies, tools, corrosion and stripping materials. A small but separate storage location is required to store the hydrazine materials, tools and equipment.

CURRENT SITUATION: The current Corrosion Control Maintenance Facility (building 800N) is undersized, currently at 9,765 SF while authorized 13,700 SF (a 29 percent shortfall). The current collocated Fuel Cell and Corrosion control facilities have 22 deficiencies associated with changes to the UFC 4-211-02 re-write in December of 2012. The space provided is multi-functional without the required separation between non-hazard (clean) areas and hazardous (dirty) areas. The space lacks a clean room, toilets are not on the clean side, shower facilities do not exist, no laundry facility to clean multiple use coveralls, no areas to clean and care for respirators, no

dirty side, no decontamination area, no place to work on composite parts, no loading dock, no storage areas for dry filters, no paint mixing room, no paint storage room, no waste paint room, no bead blast room, no equipment room, no Non Destructive Inspection (NDI) room, the office is in the dirty area, no strip/rinse area, undersized paint booth and no sanding area. The HVAC system does not comply with the UFC criteria. On multiple occasions the Fire Department has had to respond and evacuate the facility, set up a pumper truck and transition control area utilizing the fire nozzle as a shower for required safety strip/rinse process, which becomes very challenging during the winter months.

IMPACT IF NOT PROVIDED: Personnel will continue to work under less than adequate, UFC deficient, working conditions, exposing them selfs to heavy meals without the proper dirty to clean area separation, laundry and shower functions. Required training will be effected as mission accomplishment will be increasingly adversely impacted resulting in missed performance requirements and ultimately reduced mission attainment. Increased aircraft maintenance time would be needed to perform corrosion control and fuel cell maintenance capability in ill suited facilities. Decreased aircraft availability and corresponding aircrew training would also result.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, “Facility Space Standards" and is in compliance with the installation development plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. This facility can be used by other components on an “as available” basis; however, the scope of the project is based on Air National Guard requirements. “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 13693, 10 USC 2802(c) and other applicable laws and Executive Orders. This project is considered capitalization based on the following rule from Air National Guard Engineering Technical Letter (ANGETL) 17-06: New Construction.

The facility number for this facility is: 962 and RPUID is 1323404.

Cat Code		Requirement	Adequate	Substandard
211-159	AIRCRAFT CORROSION CONTROL	1,273 SM	0 SM	871 SM

CORROSION CONTROL HANGAR & SHOP AREA 1,273 SM = 13,700 SF

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION
BUCKLEY AIR FORCE BASE, COLORADO

5. PROJECT TITLE	7. PROJECT NUMBER
AIRCRAFT CORROSION CONTROL FACILITY	CRWU139039

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	SEP 2017
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2023	50%
* (d) Date 35% Designed	MAR 2019
(e) Date Design Complete	SEP 2023
(f) Type of Design Contract	Standard
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	605
(b) All Other Design Costs	329
(c) Total	934
(d) Contract	934
(e) In-House	
(4) Contract Award (Month/Year)	JAN 2024
(5) Construction Start	JUL 2024
(6) Construction Completion	JUL 2026

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: NGB/A4AD
(240)-612-9879

1. COMPONENT	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		MAR 2023
3. INSTALLATION AND LOCATION FORT WAYNE INTERNATIONAL AIRPORT, FORT WAYNE		4. AREA CONSTR COST INDEX .96

5. FREQUENCY AND TYPE OF UTILIZATION
One Unit Training Assemblies per month, 15 days annual field training per year, daily use by technician/AGR force and training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS
1 Army National Guard Armory, 1 Army Reserve Facility, 1 Marine Reserve Facility

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
130-142	Fire Station	1,617 SM (17,400 SF)	8,900	Oct 15	Feb 20

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
The Board recommendations are: Unilateral Construction Approved — 15 Apr 22 (Date)

9. LAND ACQUISITION REQUIRED — None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

DD FORM 1390S/1, MAY 1978

1. COMPONENT	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION

FORT WAYNE INTERNATIONAL AIRPORT, FORT WAYNE

11. PERSONNEL STRENGTH AS OF 28 Oct 22

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	322	27	270	25	988	102	886
ACTUAL	330	28	278	24	982	107	875

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
122 AIRCRAFT MAINTENANCE SQUADRON	159	158
122 CIVIL ENGINEERING SQUADRON	90	92
122 COMMUNICATION FLIGHT	35	35
122 COMPTROLLER FLIGHT	12	14
122 FORCE SUPPORT SQUADRON	46	52
122 FIGHTER WING	42	43
122 LOGISTICS READINESS SQUADRON	80	81
122 MEDICAL GROUP	53	57
122 MAINTENANCE OPERATIONS FLIGHT	23	19
122 MISSION SUPPORT GROUP	14	19
122 MAINTENANCE GROUP	27	21
122 MAINTENANCE SQUADRON	249	230
122 OPERATIONS GROUP	11	12
122 OPERATIONS SUPPORT SQUADRON	37	35
122 SECURITY FORCES SQUADRON	76	82
163 FIGHTER SQUADRON	34	31
TOTALS	988	981

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ACTUAL
A-10	18	21
Support Equipment	216	214
Vehicle Equivalents	272	272
Vehicles	104	104

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FORT WAYNE INTERNATIONAL AIRPORT, INDIANA	FIRE STATION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST *($000)*
52632F	130-041	ATQZ229030	$8,900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST *($000)*
FIRE STATION	SM	1,617		6,479
FIRE STATIONADDITION (130142)	SM	576	6,189	(3,565)
FIRE STATION REPAIR (130142)	SM	1,041	2,799	(2,914)
SUPPORTING FACILITIES				1,310
TEMPORARY FACILITIES	LS			(300)
SITE IMPROVEMENTS	LS			(200)
PAVEMENTS	LS			(150)
UTILITIES	LS			(350)
COMMUNICATIONS SUPPORT	LS			(200)
STANDBY GENERATOR AND SWITCH GEAR	LS			(110)
SUSTAINABILITY AND ENERGY MEASURES	LS			120
CYBERSECURITY	LS			120
SUBTOTAL				8,029
CONTINGENCY (5%)				401
TOTAL CONTRACT COST				8,430
SUPERVISION, INSPECTION AND OVERHEAD (6%)				506
TOTAL REQUEST				8,936
TOTAL REQUEST (ROUNDED)				8,900

10. Description of Proposed Construction: Construct an addition to and repair remainder of existing fire station facility by utilizing conventional design and construction methods to accommodate the mission of the facility. Facilities will be designed as permanent construction in accordance with the DoD Unified Facilities Criteria (UFC) 1-200-01, General Building Requirements and UFC 1-200-02, High Performance and Sustainable Building Requirements. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Special Construction Requirements: Vehicle exhaust extraction system, generator and switch gear, lightning protction, and automated roll doors.
Air Conditioning: 158 KW.

11. REQUIREMENT: 1,617 SM ADEQUATE: 0 SM SUBSTANDARD: 1,041 SM

PROJECT: Fire Station (Current Mission)

REQUIREMENT: The installation requires an adequately sized and appropriately configured Fire Crash/Rescue Station to house assigned equipment and personnel needed to support a wing of 22 PAA A-10 aircraft. Specifically required is a facility with administrative, storage, and equipment support areas as well as an apparatus bay. Existing facility requires interior reconfiguration in addition to a new lightning protection, roof, air conditioning, fume extraction systems, fire protection system, and AT/FP compliant windows.

CURRENT SITUATION: The existing fire station was constructed in 1997 and has not had a significant repair since originally constructed, and the facility is reached its half life milestone without rejuvenation. It is approximately 36% short of required space. Fire apparatus and major support equipment pieces, such as trailers or response kits/pallets, are stored elsewhere during winter months and parked outside during the rest of the year. Previously, the base was able to store apparatus and equipment year round using an interim storage solution that is no longer available. In a continuing effort to prevent items from being stored outside especially during the winter,

they are now scattered in many other buildings on the airfield to include space rented from the Fort Wayne Allen County Airport Authority. Some response kits are stored in containers and trailers, which are rusted, provide minimal protection, and now must be disposed. This situation makes the selected apparatus and equipment unavailable for an immediate response and causes undue wear and tear on the equipment. Crash and rescue equipment and materials such as Hazardous Material (HAZMAT), "fuel fire and spill" equipment, individual firefighting equipment such as bunker gear, rescue tools, etc. are not readily available to the fire fighter. The current bunk room is one large room being used for both sleeping quarters and training. Shift personnel cannot effectively rest while training is in progress in the same space, and the room does not comfortably accommodate combinations of male and female personnel. There is no fire protection system in the facility. The windows and roof continually leak, which requires ongoing maintenance, interior repair, and creates health concerns for personnel. The existing two-in-one air conditioning compressor has deteriorated beyond repair and only works at 50% capacity. The existing apparatus bay exhaust system is not functional and does not evacuate vehicle exhaust. The station has received a Risk Assessment Code 4 for this deficiency.

IMPACT IF NOT PROVIDED: The facility will deteriorate sufficiently enough so as to be unusable. Majority of the fire crash rescue apparatus and equipment lacking proper storage will continue to deteriorate at an alarming rate requiring replacement. Fire Department personnel are not able to train or rest as needed to fully provide services required. Routine work flow requires numerous work arounds to manage space and layout constraints resulting in inefficient and ineffective operations and training programs and emergency response capabilities. Responses to life threatening emergencies are endangered as apparatus and equipment are not readily accessible for response purposes and training on the employment of those assets remains limited due to their availability and serviceability. The leaking building envelope creates an unhealthy living environment for personnel on 24 hour, multi-day shifts and shortens the lifecycle of the facility and building components creating higher long term costs. Illnesses are rapidly transmitted throughout entire shifts due to the cramped quarters and the mass sleeping quarters. The existing exhaust collection system cannot be used for the fleet vehicle manufacturers to warrant the vehicles. Equipment must be moved outdoors to warm up or be maintained.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, “Facility Space Standards" and is in compliance with the installation development plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. This facility can be used by other components on an “as available” basis; however, the scope of the project is based on Air National Guard requirements. 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 13693, 10 USC 2802(c) and other applicable laws and Executive Orders. This project is considered capitalization based on the following rule from Air National Guard Engineering Technical Letter (ANGETL) 17-06: Increase size/footprint of existing facility. An economic analysis is being prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. The Plant Replacement Value for the facility is $4.5 million, making the replacement value $6.3 million and $12.7 million estimated cost of a military construction project to replace the facility. The Base Civil Engineer (BCE) has reviewed this document and certifies it is complete and accurate and is compliant with appropriate statutes(s) and instructions. The BCE has validated the project’s primary and supporting costs as well as work classification and fully coordinated the planned work with the user and other appropriate agencies.

Cat Code		Requirement	Adequate	Substandard
130-142	FIRE CRASH/RESCUE STATION	576 SM	0 SM	0 SM
130-142	FIRE CRASH/RESCUE STATION	1,041 SM	0 SM	1,041 SM

FIRE STATIONADDITION (130142)	576 SM = 6,200 SF
FIRE STATION REPAIR (130142)	1,041 SM = 11,200 SF

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION
FORT WAYNE INTERNATIONAL AIRPORT, INDIANA

5. PROJECT TITLE	7. PROJECT NUMBER
FIRE STATION	ATQZ229030

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	OCT 2015
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2023	100%
* (d) Date 35% Designed	JUN 2018
(e) Date Design Complete	FEB 2020
(f) Type of Design Contract	IDIQ
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	No
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	247
(b) All Other Design Costs	98
(c) Total	345
(d) Contract	345
(e) In-House	
(4) Contract Award (Month/Year)	JAN 2024
(5) Construction Start	JUL 2024
(6) Construction Completion	JUL 2025

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: NGB/A4AD
(240) 612-9879

1. COMPONENT	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		MAR 2023
3. INSTALLATION AND LOCATION PORTLAND INTERNATIONAL AIRPORT, PORTLAND		4. AREA CONSTR COST INDEX 1.08

5. FREQUENCY AND TYPE OF UTILIZATION
Four unit training assemblies per month, 15 days annual field training per year, daily use by technician/AGR force, and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS
4 Army National Guard Armories, 1 Army National Guard Facility

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
141-454	Special Tactics Complex Phase - 1	1,682 SM (18,100 SF)	22,000	Feb 20	Nov 22
141-454	Special Tactics Complex Phase - 2	1,431 SM (15,400 SF)	18,500	Feb 20	Nov 22

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
The Board recommendations are: Unilateral Construction Approved — 09 May 22 (Date)

9. LAND ACQUISITION REQUIRED — None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
141-454	Special Tactics Complex - 2	1,431 SM (15,400 SF)	18,500
141-454	Special Tactics Complex - 3	2,081 SM (22,400 SF)	20,000
442-628	Special Tactics Complex - 4	1,633 SM (17,575 SF)	11,000
131-111	Communications Annex	1,284 SM (13,826 SF)	3,000

1. COMPONENT	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION

PORTLAND INTERNATIONAL AIRPORT, PORTLAND

11. PERSONNEL STRENGTH AS OF 27 Oct 22

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	741	43	352	346	887	106	781
ACTUAL	460	22	287	151	840	141	699

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
123 FIGHTER SQUADRON	29	27
123 WEATHER FLIGHT	11	8
125 SPECIAL TACTICS SQUADRON	133	109
142 AIRCRAFT MAINTENANCE SQUADRON	196	177
142 CIVIL ENGINEERING SQUADRON	108	99
142 COMMUNICATION FLIGHT	36	40
142 COMPTROLLER FLIGHT	12	13
142 FORCE SUPPORT SQUADRON	40	39
142 FIGHTER WING	50	52
142 LOGISTICS READINESS SQUADRON	81	71
142 MEDICAL GROUP	71	101
142 MAINTENANCE OPERATIONS FLIGHT	24	35
142 MISSION SUPPORT GROUP	15	20
142 MAINTENANCE GROUP	16	17
142 MAINTENANCE SQUADRON	253	189
142 OPERATIONS GROUP	8	10
142 OR ANG	51	61
142 OPERATIONS SUPPORT FLIGHT	36	34
142 SECURITY FORCES SQUADRON	90	85
142 STUDENT FLIGHT	0	0
TOTALS	1,260	1,187

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ACTUAL
F-15	18	22
Support Equipment	199	199
Vehicle Equivalents	484	465
Vehicles	182	181

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PORTLAND INTERNATIONAL AIRPORT, OREGON	SPECIAL TACTICS COMPLEX PHASE - 1

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST *($000)*
52609F	141-454	TQKD189126	$22,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST *($000)*
SPECIAL TACTICS COMPLEX - 1	LS			18,637
SPECIAL TACTICS TRAINING (141454)	SM	1,626	11,173	(18,167)
WAREHOUSE (442758)	SM	56	8,385	(470)
SUPPORTING FACILITIES				1,089
UTILITIES	LS			(78)
POV PARKING (852262)	SM	1,505	372	(560)
GOV PARKING (852261)	SM	794	372	(295)
COMMUNICATIONS	LS			(78)
SITE DEVELOPMENTS	LS			(52)
INTRUSION DETECTION SYSTEM	LS			(26)
SUBTOTAL				19,726
CONTINGENCY (5%)				986
TOTAL CONTRACT COST				20,712
SUPERVISION, INSPECTION AND OVERHEAD (6%)				1,243
TOTAL REQUEST				21,955
TOTAL REQUEST (ROUNDED)				22,000

10. Description of Proposed Construction: Construct a Special Tactics Complex utilizing conventional design and construction methods to accommodate the mission of the unit. Facilities will be designed as permanent construction in accordance with the DoD Unified Facilities Criteria (UFC) 1-200-01, General Building Requirements and UFC 1-200-02, High Performance and Sustainable Building Requirements. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Special Construction Requirements: Facility shall be constructed in accordance with Oregon Department of Environmental Quality storm water requirements.
Air Conditioning: 53 KW.

11. REQUIREMENT: 4,812 SM ADEQUATE: 2,196 SM SUBSTANDARD: 1,682 SM

PROJECT: Special Tactics Complex (Current Mission)

REQUIREMENT: The 125th Special Tactics Squadron requires adequately sized and properly configured facilities to support ongoing training and operations. The unit requires a centralized facility (46,100 Square Feet) which supports Unit Command, Squadron Operations, Communications, Diver Locker, Human Performance Program, Aircrew Flight Equipment, Combat Arms Training and Maintenance, Simulators, Logistics, Mission Alert Storage and Individual Equipment Storage. Industrial functions such as warehouse, vehicle maintenance facility, hazardous material storage (11,768 Square Feet) and vehicle storage shelter (14,582 Square Feet) shall be incorporated into a common complex and vehicle yard. The facility shall be designed to take advantage of like functions and supporting areas in order to optimize the space for flexibility and efficiency. Facility requires specialized spaces to support assigned simulators and climbing tower.

CURRENT SITUATION: The 125th Special Tactics Squadron currently occupies space in five facilities on base to include all of buildings 304, 360 and 365 as well as portions of building 275 (Simulators) and building 455 (Vehicle Maintenance). These facilities have all been converted from other functions to meet the interim needs of the Special Tactics Squadron, but do not efficiently support the readiness and effectiveness of the unit. Additionally, buildings 360 and 365 are slated to be turned over to the Port of Portland according to the 2013 lease

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		MAR 2023
3. INSTALLATION AND LOCATION PORTLAND INTERNATIONAL AIRPORT, OREGON		
4. PROJECT TITLE SPECIAL TACTICS COMPLEX - 1		7. PROJECT NUMBER TQKD189126

between the US Air Force and the Port of Portland. The loss of these facilities in 2030 amounts to 50,368 Square Feet and includes critical portions of the Special Tactics Squadron.

IMPACT IF NOT PROVIDED: The loss of buildings 360 and 365 in 2030 to the Port of Portland would cause mission failure for the 125th Special Tactics Squadron. In order to turn over those facilities, the Special Tactics Squadron must be relocated starting no later than Fiscal Year 2026 in order to relocate the unit and accomplish required utilities separation and force protection improvements at the new base boundary. Failure to turn over the required land and facilities in 2030 to the Port of Portland invalidates the lease for the entirety of Portland Air National Guard Base. Within 30 days of default of the lease the Port would have the legal right to terminate the lease and take possession of the installation, shutting down all operations of the 142d Fighter Wing.

ADDITIONAL: Building 304 will be re-purposed for other uses after the Special Tactics Complex has been completed and the user vacated. The latest Installation Development Plan has planned that facility to be used for the 304th Rescue Squadron or the 116th Air Control Squadron. This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, “Facility Space Standards" and is in compliance with the installation development plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. This facility can be used by other components on an “as available” basis; however, the scope of the project is based on Air National Guard requirements. 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 13693, 10 USC 2802(c) and other applicable laws and Executive Orders. This project is considered capitalization based on the following rule from Air National Guard Engineering Technical Letter (ANGETL) 17-06: New Construction. Completion of the new STS Complex will permit the following facilities to be divested to the Port of Portland: Building 360 (2,233 SM / 24,036 SF), Building 365 (2,446 SM / 26,332 SF) for a total of 4,679 SM (50,368 SF).

This project is Phase 1 of 4 associated with special tactics requirements moving as a result of the land return to the Port of Portland. Each phase constructs specific facilities within the complex resulting in separate complete and usable projects supportable within the ANG MILCON program.

The Base Civil Engineer (BCE) has reviewed this document and certifies it is complete and accurate, and is compliant with appropriate statute(s) and instructions. The BCE has validated the project’s primary and supporting costs as well as work classification and fully coordinated the planned work with the user and other appropriate agencies.

Cat Code		Requirement	Adequate	Substandard
141-454	SPECIAL OPERATIONS	4,004 SM	2,196 SM	1,626 SM
442-758	BASE SUPPLY & EQUIPMENT WHSE	808 SM	0 SM	56 SM

SPECIAL TACTICS TRAINING (141454)	1,626 SM = 17,500 SF
WAREHOUSE (442758)	56 SM = 500 SF

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION
PORTLAND INTERNATIONAL AIRPORT, OREGON

5. PROJECT TITLE	7. PROJECT NUMBER
SPECIAL TACTICS COMPLEX PHASE - 1	TQKD189126

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	FEB 2020
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2023	100%
* (d) Date 35% Designed	JAN 2022
(e) Date Design Complete	NOV 2022
(f) Type of Design Contract	IDIQ
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	No
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	529
(b) All Other Design Costs	259
(c) Total	788
(d) Contract	788
(e) In-House	
(4) Contract Award (Month/Year)	JAN 2024
(5) Construction Start	JUL 2024
(6) Construction Completion	JUL 2026

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: NGB/A4AD
(240) 642-9879

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PORTLAND INTERNATIONAL AIRPORT, OREGON	SPECIAL TACTICS COMPLEX PHASE - 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST *($000)*
52609F	141-454	TQKD189127	$18,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST *($000)*
SPECIAL TACTICS COMPLEX - 2	LS			15,483
SPECIAL TACTICS TRAINING (141454)	SM	1,208	11,259	(13,601)
WAREHOUSE (442758)	SM	223	8,439	(1,882)
SUPPORTING FACILITIES				1,174
UTILITIES	LS			(78)
POV PARKING (852262)	SM	1,505	376	(566)
GOV PARKING (852261)	SM	794	376	(299)
COMMUNICATIONS	LS			(78)
SITE DEVELOPMENT	LS			(52)
INTRUSION DETECTION SYSTEM	LS			(26)
CYBERSECURITY	LS			(75)
SUBTOTAL				16,657
CONTINGENCY (5%)				833
TOTAL CONTRACT COST				17,490
SUPERVISION, INSPECTION AND OVERHEAD (6%)				1,049
TOTAL REQUEST				18,539
TOTAL REQUEST (ROUNDED)				18,500

10. Description of Proposed Construction: Construct a Special Tactics Complex utilizing conventional design and construction methods to accommodate the mission of the unit. Facilities will be designed as permanent construction in accordance with the DoD Unified Facilities Criteria (UFC) 1-200-01, General Building Requirements and UFC 1-200-02, High Performance and Sustainable Building Requirements. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Special Construction Requirements: Facility shall be constructed in accordance with Oregon Department of Environmental Quality storm water requirements.
Air Conditioning: 60 KW.

11. REQUIREMENT: 4,812 SM ADEQUATE: 2,196 SM SUBSTANDARD: 1,431 SM

PROJECT: Special Tactics Complex (Current Mission)

REQUIREMENT: : The 125th Special Tactics Squadron requires adequately sized and properly configured facilities to support ongoing training and operations. The unit requires a centralized facility (46,100 Square Feet) which supports Unit Command, Squadron Operations, Communications, Diver Locker, Human Performance Program, Aircrew Flight Equipment, Combat Arms Training and Maintenance, Simulators, Logistics, Mission Alert Storage and Individual Equipment Storage. Industrial functions such as warehouse, vehicle maintenance facility, hazardous material storage (11,768 Square Feet) and vehicle storage shelter (14,582 Square Feet) shall be incorporated into a common complex and vehicle yard. The facility shall be designed to take advantage of like functions and supporting areas in order to optimize the space for flexibility and efficiency. Facility requires specialized spaces to support assigned simulators and climbing tower.

CURRENT SITUATION: The 125th Special Tactics Squadron currently occupies space in five facilities on base to include all of buildings 304, 360 and 365 as well as portions of building 275 (Simulators) and building 455 (Vehicle Maintenance). These facilities have all been converted from other functions to meet the interim needs of the Special Tactics Squadron, but do not efficiently support the readiness and effectiveness of the unit.

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION

PORTLAND INTERNATIONAL AIRPORT, OREGON

4. PROJECT TITLE	7. PROJECT NUMBER
SPECIAL TACTICS COMPLEX - 2	TQKD189127

Additionally, buildings 360 and 365 are slated to be turned over to the Port of Portland according to the 2013 lease between the US Air Force and the Port of Portland. The loss of these facilities in 2030 amounts to 50,368 Square Feet and includes critical portions of the Special Tactics Squadron.

IMPACT IF NOT PROVIDED: The loss of buildings 360 and 365 in 2030 to the Port of Portland would cause mission failure for the 125th Special Tactics Squadron. In order to turn over those facilities, the Special Tactics Squadron must be relocated starting no later than Fiscal Year 2026 in order to relocate the unit and accomplish required utilities separation and force protection improvements at the new base boundary. Failure to turn over the required land and facilities in 2030 to the Port of Portland invalidates the lease for the entirety of Portland Air National Guard Base. Within 30 days of default of the lease the Port would have the legal right to terminate the lease and take possession of the installation, shutting down all operations of the 142d Fighter Wing.

ADDITIONAL: Building 304 will be re-purposed for other uses after the Special Tactics Complex has been completed and the user vacated. The latest Installation Development Plan has planned that facility to be used for the 304th Rescue Squadron or the 116th Air Control Squadron. This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, “Facility Space Standards" and is in compliance with the installation development plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. This facility can be used by other components on an “as available” basis; however, the scope of the project is based on Air National Guard requirements. 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 13693, 10 USC 2802(c) and other applicable laws and Executive Orders. This project is considered capitalization based on the following rule from Air National Guard Engineering Technical Letter (ANGETL) 17-06: New Construction. Completion of the new STS Complex will permit the following facilities to be divested to the Port of Portland: Building 360 (2,233 SM / 24,036 SF), Building 365 (2,446 SM / 26,332 SF) for a total of 4,679 SM (50,368 SF).

This project is Phase 2 of 4 associated with special tactics requirements moving as a result of the land return to the Port of Portland. Each phase constructs specific facilities within the complex resulting in separate complete and usable projects supportable within the ANG MILCON program.

The Base Civil Engineer (BCE) has reviewed this document and certifies it is complete and accurate, and is compliant with appropriate statute(s) and instructions. The BCE has validated the project’s primary and supporting costs as well as work classification and fully coordinated the planned work with the user and other appropriate agencies.

Cat Code		Requirement	Adequate	Substandard
141-454	SPECIAL OPERATIONS	4,004 SM	2,196 SM	1,208 SM
442-758	BASE SUPPLY & EQUIPMENT WHSE	808 SM	0 SM	223 SM

SPECIAL TACTICS TRAINING (141454)	1,208 SM = 13,000 SF
WAREHOUSE (442758)	223 SM = 2,400 SF

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION
PORTLAND INTERNATIONAL AIRPORT, OREGON

5. PROJECT TITLE	7. PROJECT NUMBER
SPECIAL TACTICS COMPLEX PHASE - 2	TQKD189127

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	FEB 2020
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2023	100%
* (d) Date 35% Designed	JAN 2022
(e) Date Design Complete	NOV 2022
(f) Type of Design Contract	IDIQ
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	No
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	445
(b) All Other Design Costs	218
(c) Total	663
(d) Contract	663
(e) In-House	
(4) Contract Award (Month/Year)	JAN 2024
(5) Construction Start	JUL 2024
(6) Construction Completion	JUL 2026

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: NGB/A4AD
(240) 612-9879

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD

JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2024

APPROPRIATION:	MILITARY CONSTRUCTION	AIR NATIONAL GUARD
PROGRAM 313:	PLANNING AND DESIGN	$35,600,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for project planning and design of the construction requirements for the Air National Guard

PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Planning and Design will provide for establishing project construction design of the facilities and for fully evaluating each designed project in terms of technical adequacy and estimated costs.

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1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
VARIOUS LOCATIONS	PLANNING AND DESIGN

5. PROGRAM ELEMENT	6. CATEGORY COD	7. PROJECT NUMBER	8. PROJECT COST ($000)
52276F	961-000	PAYZ240005	$35,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PLANNING AND DESIGN (P-313)	LS			35,600
SUBTOTAL				35,600
TOTAL CONTRACT COST				35,600
TOTAL REQUEST				35,600

10. Description of Proposed Construction: The funds requested will provide for the architectural and engineering services necessary to fully evaluate each project's technical adequacy and estimated cost, and complete final design of facilities. In addition, the funds are required to prepare working drawings, specifications, and project reports for the design of construction projects to be included in future Air National Guard (ANG) Military Construction (MILCON) Programs.

11. REQUIREMENT: As Required

PROJECT: Planning and Design

REQUIREMENT: The ANG requires planning and design funds for projects that are to be included in future MILCON programs. The FY 2024 design funds are needed to complete the design for those projects that are to be included in the FY 2024 MILCON program and to begin the design for those projects to be included in the FY 2025 program. Funds also provide for design of the FY 2024 unspecified minor construction program.

CURRENT SITUATION: The ANG requires the design money in FY 2024 to ensure the design milestones for the FY 2024 and FY 2025 MILCON Programs, as mandated by Department of Defense (DOD) Instruction 1225.8, are met.

IMPACT IF NOT PROVIDED: The ANG will not be able to effectively administer future year MILCON programs. Insufficient design funds will translate into late design completion, later construction starts, higher construction costs, and the inability to meet DoD and Congressionally mandated execution rates, and degrade the operational mission and training by the delays in construction completion.

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DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD

JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2024

APPROPRIATION: MILITARY CONSTRUCTION AIR NATIONAL GUARD
PROGRAM 341: UNSPECIFIED MINOR CONSTRUCTION $63,122,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for new construction and alteration projects having cost estimates over $4,000,000 but not exceeding $9,000,000, adjusted by area cost factor, which are not otherwise authorized by law.

PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Unspecified Minor Construction will finance projects for which the urgency is such that they could not be included in the regular Military Construction Program for the Air National Guard, and such that they exceed the minor construction authorization limit in the Operation and Maintenance Appropriation.

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1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		MAR 2023

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
VARIOUS LOCATIONS	UNSPECIFIED MINOR CONSTRUCTION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
52276F	962-000	PAYZ240006	$63,122

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UNSPECIFIED MINOR CONSTRUCTION (P-341)	LS			63,122
SUBTOTAL				63,122
TOTAL CONTRACT COST				63,122
TOTAL REQUEST				63,122

10. Description of Proposed Construction: Provides funding for unspecified minor construction projects not otherwise authorized by law and having a funded cost more than $4,000,000 and equal to or less than $9,000,000. Projects include construction, alteration, or conversion of permanent or temporary facilities. The Secretary of the Air Force has the authority to approve projects of this nature under the provisions of 10 U. S. Code, 18233a and 10 U. S. Code, 2805.

11. REQUIREMENT: As Required

PROJECT: Unspecified Minor Construction Program

REQUIREMENT: This program provides the means of accomplishing projects costing over $4,000,000, but not exceeding $9,000,000. The requested funds are not a percent of the budget, but are based on historical trends and known requirements. These projects generally address functional space shortfalls or urgent new mission beddowns.

CURRENT SITUATION: Because of new weapons systems, equipment, mission, and personnel growth the Air National Guard has a number of instances where functional space shortfalls exist. Many drive new construction requirements in the $4,000,000 to $9,000,000 range. These functional space shortfalls cause degradation of mission accomplishment, costly work-arounds, and accelerated failure of valuable mission equipment.

IMPACT IF NOT PROVIDED: Unable to adequately support mission conversions and beddowns. Functional space shortfalls will continue. More expensive workarounds will have to be used.

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DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2024

SECTION III

FUTURE YEARS DEFENSE PLAN (FYDP)

FISCAL YEAR LISTING

Component	FY	APPM	Project Number	Base	State	Project Title	Program Element Code	Facility Category Code	Budget Amount ($000)	Msn	Change from FY23 PB	Explanation of Changes
Guard	25	3830	LSGA219002	Jacksonville International Airport	FL	F-35 Weapons Load Trainer	52635F	171-875	$ 8,000	N		No Change
Guard	25	3830	WEAS219001	Louisville Intl Airport-Standifort Fld	KY	C-130J Fuel Cell Hangar	54332F	211-179	$ 7,700	N		No Change
Guard	25	3830	AAAA12345	VARIOUS LOCATIONS	VS	C-130J General Maintenance Hanger	53133F	171-212	$ 43,700	N	$ 43,700	New submission, Support ACC
Guard	25	3830	PAYZ250006	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	$ 45,653	C	$ 42,287	Updated PA
Guard	25	3830	PAYZ250005	Unspecified	VL	Planning and Design	52276F	961-000	$ 27,895	C	$ 28,789	Updated PA
						Total Major Construction			**$ 132,948**			
Guard	26	3830	FAKZ039172	Montgomery Regional Airport (ANG) Base	AL	F-35 Weapons Load Crew Training Facility	52635F	171-875	$ 6,800	N	$ 6,800	Funded in FY23
Guard	26	3830	LSGA219015	Jacksonville International Airport	FL	F-35 Munitions Storage Area Admin	52635F	216-642	$ 6,000	N		No Change
Guard	26	3830	LTUY209002	Jefferson Barracks ANG Station	MO	Consolidated Air Operations Group	52276f	171-447	$ 21,000	C		No Change
Guard	26	3830	DDPM259001	Carswell Air Reserve Station	TX	C-130J ADAL Maintenance Hangar Building 1676	54332F	171-212	$ 18,500	N		No Change
Guard	26	3830	WKVB089049	Francis S. Gabreski Airport	NY	Logistics Readiness Complex	53119F	442-758	$ 24,000	C	$ 24,000	Shifted from FY24
Guard	26	3830	TQKD189128	Portland International Airport	OR	Special Tactics Complex, Phase 3	52609F	141-454	$ 20,000	C	$ 20,000	New Submission
Guard	26	3830	AAAA199902	VARIOUS LOCATIONS	VS	F-15EX Flight Simulator Facility	52609F	171-212	$ 20,000	N		No Change
Guard	26	3830	AAAA219001	VARIOUS LOCATIONS	VS	F-15EX Munitions Maintenance & Inspection Facility	52609F	216-642	$ 10,000	N		No Change
Guard	26	3830	AAA219002	VARIOUS LOCATIONS	VS	F-15EX Weapons Load Trainer Facility	52609F	171-875	$ 15,000	N		No Change
Guard	26	3830	PAYZ260006	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	$ 26,316	C	$ 37,068	Updated PA
Guard	26	3830	PAYZ260005	Unspecified	VL	Planning and Design	52276F	961-000	$ 19,983	C	$ 31,319	Updated PA
						Total Major Construction			**$ 187,599**			

Component	FY	APPM	Project Number	Base	State	Project Title	Program Element Code	Facility Category Code	Budget Amount ($000)	Msn	Change from FY23 PB	Explanation of Changes
Guard	27	3830	FXSB169026	Joint Base Elmendorf Richardson	AK	Base Supply Complex	54121F	442-758	$ 24,500	C	$ 24,500	Shifted from FY26
Guard	27	3830	XHEA029101	Morris Air National Guard Base	AZ	Munitions Storage Complex	52620F	216-642	$ 20,000	C		No Change
Guard	27	3830	XHEA109012	Morris Air National Guard Base	AZ	Base Entry Complex	52620F	730-839	$ 10,000	C	$ 10,000	Funded in FY23
Guard	27	3830	LSGA219010	Jacksonville International Airport	FL	F-35 Munitions Maintenance & Inspection Facility	52635F	216-642	$ 9,700	N		No Change
Guard	27	3830	XHZG899515	Tulsa International Airport	OK	Munitions Storage Area	52620F	141-454	$ 30,000	C		No Change
Guard	27	3830	TQKD189129	Portland International Airport	OR	Special Tactics Complex, Phase 4	52609F	722-351	$ 11,000	C	$ 11,000	New Submission
Guard	27	3830	SPBN229032	Otis ANG Base	MA	Dining Facility / EMEDS	52609F	211-111	$ 13,200	C	$ 13,200	New Submission
Guard	27	3830	AAAA199111	VARIOUS LOCATIONS	VS	Universal Fighter Flight Sim Facility	52609F	171-212	$ 20,000	N		No Change
Guard	27	3830	PAYZ270006	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	$ 31,199	C	$ 32,406	Updated PA
Guard	27	3830	PAYZ270005	Unspecified	VL	Planning and Design	52276F	961-000	$ 17,365	C	$ 21,332	Updated PA
						Total Major Construction			**$ 186,964**			

Guard	28	3830	LSGA229001	Jacksonville International Airport	FL	F-35 Weapons Release Shop	52635F	215-552	$ 13,200	N		New Submission
Guard	28	3830	XDQU049083	Savannah/Hilton Head IAP	GA	Dining Hall and Services Training Facility	54332F	722-351	$ 27,000	C		New Submission
Guard	28	3830	AQRC189015	Atlantic City International Airport	NJ	F-16 Mission Training Center	52620F	171-212	$ 14,200	N		New Submission
Guard	28	3830	AQRC099002	Atlantic City International Airport	NJ	ADAL Maintenance Hangar/Shops	52620F	211-111	$ 30,000	C		New Submission
Guard	28	3830	SHYQ149049	Harrisburg International Airport	PA	Entry Control Facility	54332F	730-839	$ 8,000	C		New Submission
Guard	28	3830	TWLR159090	Quonset State Airport	RI	Consolidated Headquarters, Medical, & Dining	54332F	171-445	$ 35,000	C	$ 35,000	Funded in FY23
Guard	28	3830	KELL199004	Kelly Field Annex	TX	Cyber Operations Secure Facility	53151F	171-447	$ 11,600	C		New Submission
Guard	28	3830	PAYZ280006	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	$ 31,877	C		New Submission
Guard	28	3830	PAYZ280005	Unspecified	VL	Planning and Design	52276F	961-000	$ 16,134	C		New Submission
						Total Major Construction			**$ 187,011**			

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DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2024

SECTION III

FUTURE YEARS DEFENSE PLAN (FYDP)

STATE/INSTALLATION LISTING

Component	FY	APPM	Project Number	Base	State	Project Title	Program Element Code	Facility Category Code	Budget Amount ($000)	Msn	Change from FY23 PB	Explanation of Changes
Guard	27	3830	FXSB169026	Joint Base Elmendorf Richardson	AK	Base Supply Complex	54121F	442-758	$ 24,500	C	$ 24,500	Shifted from FY26
Guard	26	3830	FAKZ039172	Montgomery Regional Airport (ANG) Base	AL	F-35 Weapons Load Crew Training Facility	52635F	171-875	$ 6,800	N	$ 6,800	Funded in FY23
Guard	27	3830	XHEA029101	Morris Air National Guard Base	AZ	Munitions Storage Complex	52620F	216-642	$ 20,000	C		No Change
Guard	27	3830	XHEA109012	Morris Air National Guard Base	AZ	Base Entry Complex	52620F	730-839	$ 10,000	C	$ 10,000	Funded in FY23
Guard	25	3830	LSGA219002	Jacksonville International Airport	FL	F-35 Weapons Load Trainer	52635F	171-875	$ 8,000	N		No Change
Guard	26	3830	LSGA219015	Jacksonville International Airport	FL	F-35 Munitions Storage Area Admin	52635F	216-642	$ 6,000	N		No Change
Guard	27	3830	LSGA219010	Jacksonville International Airport	FL	F-35 Munitions Maintenance & Inspection Facility	52635F	216-642	$ 9,700	N		No Change
Guard	28	3830	LSGA229001	Jacksonville International Airport	FL	F-35 Weapons Release Shop	52635F	215-552	$ 13,200	N		New Submission
Guard	28	3830	XDQU049083	Savannah/Hilton Head IAP	GA	Dining Hall and Services Training Facility	54332F	722-351	$ 27,000	C		New Submission
Guard	25	3830	WEAS219001	Louisville Intl Airport-Standifort Fld	KY	C-130J Fuel Cell Hangar	54332F	211-179	$ 7,700	N		No Change
Guard	27	3830	SPBN229032	Otis ANG Base	MA	Dining Facility / EMEDS	52609F	211-111	$ 13,200	C	$ 13,200	New Submission
Guard	26	3830	LTUY209002	Jefferson Barracks ANG Station	MO	Consolidated Air Operations Group	52276f	171-447	$ 21,000	C		No Change
Guard	28	3830	AQRC099002	Atlantic City International Airport	NJ	ADAL Maintenance Hangar/Shops	52620F	211-111	$ 30,000	C		New Submission
Guard	28	3830	AQRC189015	Atlantic City International Airport	NJ	F-16 Mission Training Center	52620F	171-212	$ 14,200	N		New Submission
Guard	26	3830	WKVB089049	Francis S. Gabreski Airport	NY	Logistics Readiness Complex	53119F	442-758	$ 24,000	C	$ 24,000	Shifted from FY24
Guard	27	3830	XHZG899515	Tulsa International Airport	OK	Munitions Storage Area	52620F	141-454	$ 30,000	C		No Change

Component	FY	APPM	Project Number	Base	State	Project Title	Program Element Code	Facility Category Code	Budget Amount ($000)	Msn	Change from FY23 PB	Explanation of Changes
Guard	26	3830	TQKD189128	Portland International Airport	OR	Special Tactics Complex, Phase 3	52609F	141-454	$ 20,000	C	$ 20,000	New Submission
Guard	27	3830	TQKD189129	Portland International Airport	OR	Special Tactics Complex, Phase 4	52609F	722-351	$ 11,000	C	$ 11,000	New Submission
Guard	28	3830	SHYQ149049	Harrisburg International Airport	PA	Entry Control Facility	54332F	730-839	$ 8,000	C		New Submission
Guard	28	3830	TWLR159090	Quonset State Airport	RI	Consolidated Headquarters, Medical, & Dining	54332F	171-445	$ 35,000	C	$ 35,000	Funded in FY23
Guard	26	3830	DDPM259001	Carswell Air Reserve Station	TX	C-130J ADAL Maintenance Hangar Building 1676	54332F	171-212	$ 18.500	N		No Change
Guard	28	3830	KELL199004	Kelly Field Annex	TX	Cyber Operations Secure Facility	53151F	171-447	$ 11,600	C		New Submission
Guard	25	3830	PAYZ250005	Unspecified	VL	Planning and Design	52276F	961-000	$ 27,895	C	$ 28,789	Updated PA
Guard	25	3830	PAYZ250006	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	$ 45,653	C	$ 42,287	Updated PA
Guard	26	3830	PAYZ260005	Unspecified	VL	Planning and Design	52276F	961-000	$ 19,983	C	$ 31,319	Updated PA
Guard	26	3830	PAYZ260006	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	$ 29,916	C	$ 37,068	Updated PA
Guard	27	3830	PAYZ270005	Unspecified	VL	Planning and Design	52276F	961-000	$ 17,365	C	$ 21,332	Updated PA
Guard	27	3830	PAYZ270006	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	$ 31,199	C	$ 32,406	Updated PA
Guard	28	3830	PAYZ280005	Unspecified	VL	Planning and Design	52276F	961-000	$ 16,134	C		New Submission
Guard	28	3830	PAYZ280006	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	$ 31,877	C		New Submission
Guard	25	3830	AAAA12345	VARIOUS LOCATIONS	VS	C-130J General Maintenance Hanger	53133F	171-212	$ 43,700	N	$ 43,700	New submission, Support ACC
Guard	26	3830	AAA219002	VARIOUS LOCATIONS	VS	F-15EX Weapons Load Trainer Facility	52609F	171-875	$ 15,000	N		No Change
Guard	26	3830	AAAA199902	VARIOUS LOCATIONS	VS	F-15EX Flight Simulator Facility	52609F	171-212	$ 20,000	N		No Change
Guard	26	3830	AAAA219001	VARIOUS LOCATIONS	VS	F-15EX Munitions Maintenance & Inspection Facility	52609F	216-642	$ 10,000	N		No Change
Guard	27	3830	AAAA199111	VARIOUS LOCATIONS	VS	Universal Fighter Flight Sim Facility	52609F	171-212	$ 20,000	N		No Change