

# DEPARTMENT OF THE AIR FORCE



## Fiscal Year (FY) 2025 Budget Estimates February 2024

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

Volume II

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Aerospace Control Alert (ACA)

**AEROSPACE CONTROL ALERT -- HOMELAND AIR DEFENSE**

**Section I. Aerospace Control Alert (ACA):** Aerospace Control Alert operations encompass those actions required to maintain peacetime control of U.S. and Canadian airspace. NORAD is charged with the Aerospace Warning and Control mission and Integrated Tactical/Warning Attack assessment for North America. PACOM is responsible for this mission set to maintain Aerospace Control for the State of Hawaii. ACA force structure is utilized to accomplish both the NORAD and US Northern Command (US NORTHCOM) and Pacific Command (US PACOM) homeland defense mission sets. The Air National Guard provides the force structure to fulfill the mission needs for 15 of the 16 ACA sites.

A. Appropriation: Military Personnel	FY 2023 PB	FY 2023 Enacted	FY 2024 PB (Funded)	Delta Requirement FY 2024 Funded	FY 2024 PB (Requirement)	FY 2025 PB
End Strength, ANG	772	772	730	-	730	677
End Strength, Active Air Force	-	-	-	-	-	-
End Strength, Air Force Reserve	-	-	-	-	-	-
Military Personnel Costs	99,182	99,182	94,912	-	94,912	88,554
B. Appropriation: MERHC	FY 2023 PB	FY 2023 Enacted	FY 2024 PB (Funded)	Delta Requirement FY 2024 Funded	FY 2024 PB (Requirement)	FY 2025 PB
Military Personnel Costs	4,628	4,628	4,672	-	4,672	4,699
C. Appropriation: Operation & Maintenance	FY 2023 PB	FY 2023 Enacted	FY 2024 PB (Funded)	Delta Requirement FY 2024 Funded	FY 2024 PB (Requirement)	FY 2025 PB
End Strength	n/a	n/a	n/a	n/a	n/a	n/a
Flying Hour Costs, ANG	34,116	34,116	30,344	-	30,344	35,202
Flying Hour Costs -- Active Air Force	-	-	-	-	-	-
Flying Hour Costs -- Air Force Reserve	-	-	-	-	-	-
Flying Hour Costs -- Total				-		
Other Mission Costs--Total, ANG	4,122	4,122	3,871	-	3,871	4,607
Other Mission Costs--Active Air Force	-	-	-	-	-	-
Other Mission Costs--Air Force Reserve	-	-	-	-	-	-

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Other Mission Costs -- Total	4,122	4,122	3,871	-	3,871	3,871
D. Appropriation: Military Construction, ANG	FY 2023 PB	FY 2023 Enacted	FY 2023 PB (Funded)	Delta Requirement FY 2024 Funded	FY 2024 PB (Requirement)	FY 2025 BES
	-	-	-	-	-	-
<b>Section II. Command and Control:</b> Operational Command and Control (C2) for Homeland Air Defense is provided by CONR-1AF (AFNORTH) for the Continental United States. CONR-1AF(AFNORTH) is structured and designated as a Component Numbered Air Force (c-NAF) providing C2 through the 601 Air and Space Operations Center (AOC) and AFFOR STAFF, two aligned Air Defense Sectors, and the Joint Air Defense Operations Center (JADOC) for the NORAD and US NORTHCOM mission sets. The 169 Air Control and Warning Squadron (ACWS) and 154 OSS, provide C2 over the Hawaiian AOR under USPACOM. The 176 Air Control Squadron (ACS) provides C2 for Alaska under NORAD. Additionally, radars and radios in the southern region are provided by the 140 ADS in Puerto Rico.						
A. Appropriation: Military Personnel, ANG	FY 2023 PB	FY 2023 Enacted	FY 2024 PB (Funded)	Delta Requirement FY 2024 Funded	FY 2024 PB (Requirement)	FY 2025 PB
End Strength	101	101	101	-	101	101
Military Personnel Costs	17,751	17,751	17,909	-	17,909	18,527
B. Appropriation: MERHC	FY 2023 PB	FY 2023 Enacted	FY 2024 PB (Funded)	Delta Requirement FY 2024 Funded	FY 2024 PB (Requirement)	FY 2025 PB
Military Personnel Costs	606	606	702	-	702	1,438
C. Appropriation: Operation & Maintenance, ANG	FY 2023 PB	FY 2023 Enacted	FY 2024 PB (Funded)	Delta Requirement FY 2024 Funded	FY 2024 PB (Requirement)	FY 2025 PB
End Strength (SAG 011G--Mission Support)	84	84	90	40	130	90
Mission Costs: (SAG 011G--Mission Support)	26,587	27,225	27,448	4,693	32,141	27,932

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Spares and Repair Parts

	FY 2023		FY 2024		FY 2025		FY 2024 - FY 2025 Change	
	<u>Qty</u>	<u>\$ in Millions</u>	<u>Qty</u>	<u>\$ in Millions</u>	<u>Qty</u>	<u>\$ in Millions</u>	<u>Qty</u>	<u>\$ in Millions</u>
<b>Depot Level Repairables (DLRs)</b>								
Airframes	881	\$630	1,131	\$714	813	\$583	-318	\$-131
<b>Total</b>		<b>\$630</b>		<b>\$714</b>		<b>\$583</b>		<b>\$-131</b>
<b>Consumables</b>								
Airframes	1,029	\$235	389	\$246	310	\$274	-79	\$28
<b>Total</b>		<b>\$235</b>		<b>\$246</b>		<b>\$274</b>		<b>\$28</b>

**Airframe changes FY 2024 to FY 2025:** -21 A-10C, -6 C-130H, +7 C-130J, -50 F-15C, -5 F-15D, +10 F-15EX, +1 F-16D, +20 F-35A, and +11 HH-60W

**Depot Level Repairables and Consumables changes FY 2024 to FY 2025:** Changes due to aircraft force adjustments/divestments.

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Funds Budgeted for Environmental Quality

	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>
Total ANG PB28	55,830	57,391	44,382
Environmental Compliance	53,598	54,931	41,879
Manpower	20,431	18,300	19,939
Air Stationary and Mobile Resources	875	765	511
Water	1,790	3,216	3,125
Stormwater	1,000	1,505	1,420
Wastewater	200	1,127	982
Safe Drinking Water			105
Spill Prevention and Response/ASTs	590	584	618
Planning	1,070	2,092	2,419
Toxic Substances	237	214	215
Controlled Substance			
EPCRA Reporting (TRI and Tier I & II)	237	214	215
Storage and Disposal	2,360	3,282	3,368
UST (RCRA-I)	4	7	5
Hazardous Waste (RCRA-C)	2,356	3,221	3,327
Solid Waste (RCRA-D)	0	54	36
Compliance Related Cleanup-Other Compliance Related Assessment and Cleanup	24,250	22,842	8,850
Compliance Cross-Cutting Programs	1,505	2,635	1,849
Geospatial Information Systems (GIS and Information Technology (IT))			
Multi-Program Management	800	262	265
Compliance Education and Training	705	2,373	1,584
Compliance Other-Miscellaneous Activities	1,080	1,585	1,603
Pollution Prevention	455	1,261	1,283
Pollution Prevention Manpower			
Pollution Prevention Projects	455	1,261	1,283
Hazardous Material/Hazardous and Solid Waste Reduction	455	1,261	1,283
Air Pollution Reduction			
Water Pollution Reduction			
Pollution Prevention Other-Miscellaneous Pollution Prevention Activity			
Environmental Conservation	1,777	1,199	1,220



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	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>
Natural Resources Manpower			
Cultural Resources Manpower			
Listed and At-Risk Species	266	267	275
Threatened and Endangered Species; Candidate Species and Species at Risk or Concern	266	267	275
Marine Mammal Protection	0	0	0
Integrated Natural Resource Planning	587	590	600
Wetlands	54	55	56
Natural Resources Other			
Conservation Cross Cutting Programs	4	4	4
Historic Structures	66	90	90
Archaeology	799	192	194
Archeological/Curation	791	176	180
Tribal Consultation/Repatriation	8	16	14
Cultural Resource Other	1	1	1

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Depot Maintenance

Component	Maintenance Activity	Maintenance Type	Weapon System	FY 2023	FY 2024				
				TOA Funded	TOA Funded	TOA Required	% Funded	Funded Supplemental	% TO Funded
Guard	Aircraft	Basic Aircraft	A-10	6,587	68,053	68,055	100%		100%
			C-130	121,689	216,989	217,302	100%		100%
			C-17	75,143	51,669	51,669	100%		100%
			C-40	3,158	-	-	0%		0%
			E-8	3,680	1,870	1,870	100%		100%
			F-15	142,114	2,495	2,640	95%		9%
			F-16	66,350	117,912	129,191	91%		9%
			F-22	27,201	20,292	20,294	100%		100%
			F-35	-	101	101	100%		100%
			HH-60	7,565	6,335	6,335	100%		100%
			KC-135	424,150	347,895	371,211	94%		9%
			KC-46	8,449	14,046	14,049	100%		100%
			RC-26	-	-	5,154	0%		0%
		Engine	A-10	1,665	12,083	13,426	90%		9%
			C-130	37,866	22,530	22,530	100%		100%
			C-17	55,802	72,364	72,364	100%		100%

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			C-40	15,668	-	-	0%		
			E-8	25	-	-	0%		
			F-22	40,137	56,700	60,340	94%		9
			F-35	18,982	38,699	38,699	100%		10
			KC-135	123,007	244,505	251,447	97%	6,942	10
			RC-26	-	-	1,812	0%		
		Other	A-10	17,864	18,052	22,298	81%		8
			C-130	67,069	48,377	52,786	92%		9
			C-17	148,640	241,674	243,895	99%		9
			C-40	17,326	20,339	20,339	100%		10
			E-8	98,434	43,753	43,753	100%		10
			F-15	75,074	78,645	86,373	91%		9
			F-16	62,421	63,155	72,651	87%		8
			F-22	55,509	60,455	61,094	99%		9
			F-35	44,160	229,904	229,904	100%		10
			HH-60	996	8,669	8,825	98%		9
			KC-135	21,354	24,703	24,703	100%		10
			MQ-9 Reaper	55,556	43,035	43,051	100%		10
			Other Aircraft			5,667	100%		10

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				5,566	5,667				
			RC-26						
		<b>Software</b>	C-130	184	-	9,163	0%		
			C-17	2,205	5,143	6,152	84%		8
			E-8	8,406	9,959	10,296	97%		9
			F-15	2,681	3,255	3,255	100%		10
			F-35	6,202	4,040	7,860	51%		5
			KC-135	9,950	2,354	2,354	100%		10
		<b>Support Equipment</b>	C-130	8,000	-	-	0%		
			C-40	-	-	-	0%		
			E-8	13,662	6,164	12,400	50%		5
			F-15	18,288	13,428	13,428	100%		10
			F-16	-	-	-	0%		
			F-22	1,347	1,711	1,781	96%		9
			F-35	7,117	3,403	7,280	47%		4
			RC-26	5,675	4,157	4,157	100%		10
			Common	-	-	250	0%		
	<b>All Other Items Not Identified</b>	<b>N/A</b>	Vehicles	7,548	8,669	9,669	90%		9
	<b>Automotive Equipment</b>	<b>Support Equipment</b>	CSEL	3,998	3,293	3,293	100%		10
	<b>Electronics and Communications</b>	<b>End Item</b>					100%		10

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	<b>Systems</b>			16	21	21		
			DCGS	17,371	3,257	13,645	24%	2
			Common	8,035	12,154	12,154	100%	10
			ATS	163	21	21	100%	10
		<b>Other</b>	DCGS	31,741	34,908	41,620	84%	8
			Targeting Pods	11,937	12,089	12,089	100%	10
			Common	8,787	1,956	2,683	73%	7
			ATS	823	173	547	32%	3
			Cyber	6,680	18,322	21,161	87%	8
		<b>Software</b>	DCGS	45,445	45,932	46,178	99%	9
			Targeting Pods	2,550	999	999	100%	10
			Common	1,380	1,670	1,670	100%	10
			Cyber	4,408	1,386	1,386	100%	10
		<b>Subassemblies</b>	Satellite Communications	2,630	2,707	2,707	100%	10
			Targeting Pods	10,729	40,444	40,444	100%	10
	<b>General Purpose Equipment</b>	<b>End Item</b>	Support Equipment	28,253	38,575	41,087	94%	9
			LOADER	3,285	2,176	2,949	74%	7
		<b>Other</b>	PMEL	230	218	218	100%	10
			Support Equipment				89%	8

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			LOADER	203	417	471			
				472	651	651	100%		100
		<b>Software</b>	Support Equipment	800	-	859	0%		0
		<b>Subassemblies</b>	LOADER	46	52	52	100%		100
<b>Guard Total</b>				<b>2,130,454</b>	<b>2,464,670</b>	<b>2,598,778</b>	<b>95%</b>	<b>6,942</b>	<b>9</b>

**DEPARTMENT OF THE AIR FORCE  
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Service Provided Support & Enabling Capability for USSOCOM  
Support To Special Operations Forces (\$K)**

Air National Guard requirements are captured in the Air Force's Exhibit provided by HAF A3 as a Total Force requirement.