

DEPARTMENT OF THE AIR FORCE



Fiscal Year (FY) 2024 Budget Estimates

March 2023

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

Volume II

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Operation and Maintenance, Air National Guard
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 2022 Actuals	FY 2023 PB	FY 2023 Enacted	FY 2023 PB (Funded)	Delta Requirement FY 2024 Funded	FY 2024 PB (Requirement)
End Strength, ANG	481	772	772	730	-	730
End Strength, Active Air Force	-	-	-	-	-	-
End Strength, Air Force Reserve	-	-	-	-	-	-
Military Personnel Costs	48,566	99,182	99,182	95,187	-	95,187
B. Appropriation: MERHC	FY 2022 PB	FY 2023 PB	FY 2023 Enacted	FY 2024 PB (Funded)	Delta Requirement FY 2024 Funded	FY 2024 PB (Requirement)
Military Personnel Costs	2,674	4,628	4,628	4,628	-	4,377
C. Appropriation: Operation & Maintenance	FY 2022 Actuals	FY 2023 PB	FY 2023 Enacted	FY 2023 PB (Funded)	Delta Requirement FY 2024 Funded	FY 2024 PB (Requirement)
End Strength	n/a	n/a	n/a	n/a	n/a	n/a
Flying Hour Costs, ANG	34,555	34,116	34,116	30,344	-	30,344
Flying Hour Costs -- Active Air Force	-	-	-	-	-	-
Flying Hour Costs -- Air Force Reserve	-	-	-	-	-	-
Flying Hour Costs -- Total					-	
Other Mission Costs--Total, ANG	3,249	4,122	4,122	3,871	-	3,871
Other Mission Costs--Active Air Force	-	-	-	-	-	-
Other Mission Costs--Air Force Reserve	-	-	-	-	-	-
Other Mission Costs -- Total	2,589	9,482	9,482	9,482	-	9,482
D. Appropriation: Military Construction, ANG	FY 2022 PB	FY 2023 PB	FY 2023 Enacted	FY 2023 PB (Funded)	Delta Requirement FY 2024 Funded	FY 2024 PB (Requirement)
	-	-	-	-	-	-

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 Aerospace Control Alert (ACA)

Section II. Command and Control: 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 2022 Actuals	FY 2023 PB	FY 2023 Enacted	FY 2024 PB (Funded)	Delta Requirement FY 2024 Funded	FY 2024 PB (Requirement)
End Strength	93	101	101	101	-	101
Military Personnel Costs	15,537	17,751	17,751	17,953	-	17,953
B. Appropriation: MERHC	FY 2022 PB	FY 2023 PB	FY 2023 Enacted	FY 2024 PB (Funded)	Delta Requirement FY 2024 Funded	FY 2024 PB (Requirement)
Military Personnel Costs	558	606	606	606	-	606
C. Appropriation: Operation & Maintenance, ANG	FY 2022 Actuals	FY 2023 PB	FY 2023 Enacted	FY 2024 PB (Funded)	Delta Requirement FY 2024 Funded	FY 2024 PB (Requirement)
End Strength <i>(SAG 011G--Mission Support)</i>	130	84	84	90	40	130
Mission Costs: <i>(SAG 011G--Mission Support)</i>	32,709	26,587	27,225	27,448	4,693	32,141

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 Spares and Repair Parts

	FY 2022		FY 2023		FY 2024		FY 2023 - FY 2024 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>
Depot Level Repairables (DLRs)								
Airframes	770	\$605	750	\$645	682	\$593	-68	\$-52
Total		\$605		\$645		\$593		\$-52
Consumables								
Airframes	770	\$202	750	\$235	682	\$205	-68	\$-31
Total		\$202		\$235		\$205		\$-31

Airframe changes FY 2023 to FY 2024: -4 E-8C, -4 EC-130J, -24 F-15C, -3 F-15D, +6 F-15EX, -27 F-16C, -8 F-16D, +21 F-35A, -9 HH-60G, +4 HH-60W, -2 KC-135R, and +7 MC-130J.

Depot Level Repairables and Consumables changes FY 2023 to FY 2024: Changes due to aircraft force adjustments/divestments.

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Funds Budgeted for Environmental Quality

FY22 FY23 FY24

Total ANG PB28	70944	46566	57391
Environmental Compliance	68483	44181	54931
Manpower	19531	23394	18300
Air Stationary and Mobile Resources	1350	650	765
Water	2930	1324	3216
Stormwater	2000	400	1505
Wastewater	230	230	1127
Safe Drinking Water	0	0	0
Spill Prevention and Response/ASTs	700	694	584
Planning	3000	3000	2092
Toxic Substances	209	250	214
Controlled Substance	0	0	0
EPCRA Reporting (TRI and Tier I & II)	209	250	214
Storage and Disposal	2464	3165	3282
UST (RCRA-I)	6	4	7
Hazardous Waste (RCRA-C)	2400	3127	3221
Solid Waste (RCRA-D)	58	34	54
Compliance Related Cleanup-Other Compliance Related Assessment and Cleanup	36982	8850	22842
Compliance Cross-Cutting Programs	995	1854	2635
Geospatial Information Systems (GIS and Information Technology (IT))	0	0	0
Multi-Program Management	900	261	262
Compliance Education and Training	95	1593	2373
Compliance Other-Miscellaneous Activities	1022	1694	1585
Pollution Prevention	368	1222	1261
Pollution Prevention Manpower	0	0	0
Pollution Prevention Projects	368	1222	1261
Hazardous Material/Hazardous and Solid Waste Reduction	368	1222	1261
Air Pollution Reduction	0	0	0

Exhibit PB-28 Funds Budgeted for Environmental Quality

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 Operation and Maintenance, Air National Guard
 Funds Budgeted for Environmental Quality

Water Pollution Reduction	0	0	0
Pollution Prevention Other-Miscellaneous Pollution Prevention Activity	0	0	0
Environmental Conservation	2093	1163	1199
Natural Resources Manpower	0	0	0
Cultural Resources Manpower	0	0	0
Listed and At-Risk Species	35	267	267
Threatened and Endangered Species; Candidate Species and species at Risk or Concern	35	266	267
Marine Mammal Protection	0	1	0
Integrated Natural Resource Planning	1176	567	590
Wetlands	50	54	55
Natural Resources Other	0	0	0
Conservation Cross Cutting programs	0	4	4
Historic Structures	262	86	90
Archaeology	570	184	192
Archeological/Curation	550	171	176
Tribal consultation/Repatriation	20	13	16
Cultural Resource Other	0	1	1

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Operation and Maintenance, Air National Guard
Depot Maintenance

Component	Maintenance Activity	Maintenance Type	Weapon System	FY 2022	FY 2023					FY 2024				
				TOA Funded	Direct Funded	Required	% Funded	Funded Supplemental	% TOA Funded	Direct Funded	Required	% Funded	Funded Supplemental	% TOA Funded
Guard	Aircraft	Basic Aircraft	A-10	64579	86000	104466	82%		82%	68053	68055	100%		100%
			C-130	133073	127014	158611	80%		80%	214674	214983	100%		100%
			E-8	17647	16736	16736	100%		100%	0	0	0%		0%
			F-15	112690	106307	118701	90%		90%	2495	2640	95%		95%
			F-16	78124	131808	136269	97%		97%	110264	121410	91%		91%
			F-22	21167	13979	17099	82%		82%	12383	12385	100%		100%
			HC-130	0	31	597	5%		5%	2315	2319	100%		100%
			HH-60	257	6522	6522	100%		100%	5443	5469	100%		100%
			KC-135	407158	405505	433996	93%		93%	202860	371175	55%		55%
			KC-46	13449	4467	4469	100%		100%	12296	14049	88%		88%
		Engine	A-10	27402	13936	13940	100%		100%	12083	13426	90%		90%
			E-8	15902	4426	4426	100%		100%	0	0	0%		0%
			KC-135	217678	181557	265240	68%		68%	232361	248697	93%	6,942	96%
		Other	A-10	21763	23537	26147	90%		90%	19837	22298	89%		89%
			C-130	50538	49804	55407	90%		90%	53467	58088	92%		92%
			C-17	213403	373600	427948	87%		87%	305435	377887	81%		81%
			C-40	40550	47533	47538	100%		100%	32739	32739	100%		100%
			E-8	143294	90197	269307	33%	116,516	77%	0	61777	0%		0%
			F-15	84937	70250	74485	94%		94%	77590	83275	93%		93%
			F-16	32994	42304	42546	99%		99%	69133	70618	98%		98%
			F-22	81435	99349	99353	100%		100%	67074	136623	49%		49%
			F-35	160694	179170	179413	100%		100%	275215	275215	100%		100%
			HC-130	13467	14930	15194	98%		98%	16762	17177	98%		98%
			HH-60	1749	896	2434	37%		37%	8022	8178	98%		98%
			KC-135	21318	31809	31809	100%		100%	24547	24547	100%		100%
			MQ-9 Reaper	44714	46591	46649	100%		100%	43035	43051	100%		100%
			Other Aircraft	5245	5564	5566	100%		100%	5667	5667	100%		100%

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		RC-26	9000	0	15889	0%		0%	0	16379	0%		0%
		Storage	5876	6651	6651	100%		100%	8712	8955	97%		97%
		Test/Train	0	0	0	0%		0%	0	0	0%		0%
	Software	C-130	183	840	840	100%		100%	0	1037	0%		0%
		C-17	196	40	210	19%		19%	0	337	0%		0%
		F-15	4130	5776	5777	100%		100%	3061	7670	40%		40%
		HC-130	902	15	3622	0%		0%	4464	4464	100%		100%
	Support Equipment	F-16	1628	1626	1750	93%		93%	1711	1781	96%		96%
		Other Aircraft	0	0	0	0%		0%	3024	3024	100%		100%
	All Other Items Not Identified	N/A	1215	619	1257	49%		49%	1109	1235	90%		90%
	Automotive Equipment	Software	765	764	791	97%		97%	0	859	0%		0%
		Support Equipment	1	218	328	66%		66%	281	754	37%		37%
	Electronics and Communications Systems	End Item	35	30	36	83%		83%	39	39	100%		100%
		Air Traffic Mgt Sys	865	6159	8004	77%		77%	5586	5586	100%		100%
		Communications Systems	1424	1449	1449	100%		100%	1475	1475	100%		100%
		CRC	331	115	5252	2%		2%	5448	5448	100%		100%
		CSEL	17	17	21	81%		81%	21	21	100%		100%
		DCGS	0	429	429	100%		100%	461	461	100%		100%
	Other	AEWS	32	3	3	100%		100%	10	10	100%		100%
		Automated Test Sys (ATS)	0	0	0	0%		0%	194	568	34%		34%
		BCS-F	201	145	190	76%		76%	196	196	100%		100%
		Command and Control	910	0	0	0%		0%	0	0	0%		0%
		Communication Systems	1285	0	0	0%		0%	0	0	0%		0%
		CRC	6424	7241	7745	93%		93%	2639	3560	74%		74%
		Cyber Systems	23895	12661	25646	49%		49%	6464	6774	95%		95%
		DCGS	334	31869	52801	60%		60%	32807	54804	60%		60%
		Satellite Communications	0	2713	2713	100%		100%	2707	2707	100%		100%
		Targeting Pods	31711	51180	51215	100%		100%	53532	53532	100%		100%
	Software	Air Traffic Mgt Sys	1503	1617	1617	100%		100%	1670	1670	100%		100%

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		DCGS	29840	32003	43282	74%		74%	45858	46178	99%		99%		
	General Purpose Equipment	End Item	Support Equipment	26331	31689	40409	78%		78%	37435	43815	85%		85%	
		Other	Halvorsen Loader	1538	3054	3054	100%		100%	1919	2692	71%		71%	
			PMEL	146	0	151	0%		0%	12	218	6%		6%	
			Support Equipment	468	477	485	98%		98%	0	471	0%		0%	
			Tunner Loader	0	886	886	100%		100%	960	960	100%		100%	
Guard Total				2,176,413	2,374,108	2,887,371	82%		116,516	86%	2,095,545	2,569,428	82%	6,942	82%

