

DEPARTMENT OF THE AIR FORCE



Fiscal Year (FY) 2023 Budget Estimates

April 2022

OPERATION AND MAINTENANCE, SPACE FORCE

Volume II

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DEPARTMENT OF THE AIR FORCE
Fiscal Year (FY) 2023 Budget Estimates
Manpower Changes in Full-Time Equivalent Strength
FY 2021 through FY 2023

FTE Changes	US Direct Hire	Foreign National		Total
		Direct Hire	Indirect Hire	
1. FY 2021 FTEs	1,525	0	0	1,525
Operating Forces	1,303	0	0	1,303
12A - Global C3I & Early Warning	185			185
13A - Space Launch Operations	332			332
13C - Space Operations	642			642
13E - Education and Training	34			34
13F - Special Programs	110			110
Admin & Service Wide Activities	222	0	0	222
42A - Administration	222			222
2. FY 2022 FTEs	2,302	0	0	2,302
Operating Forces	2,067	0	0	2,067
12A - Global C3I & Early Warning	559			559
13A - Space Launch Operations	322			322
13C - Space Operations	813			813
13E - Education and Training	46			46
13F - Special Programs	327			327
Admin & Service Wide Activities	235	0	0	235
42A - Administration	235			235
3. FY 2023 FTEs	2,590	0	0	2,590
Operating Forces	2,292	0	0	2,292
12A - Global C3I & Early Warning	583			583
13A - Space Launch Operations	317			317
13C - Space Operations	921			921
13E - Education and Training	120			120
13F - Special Programs	351			351

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	<u>FTE Changes</u>	<u>US Direct Hire</u>	<u>Foreign National</u>		<u>Total</u>
			<u>Direct Hire</u>	<u>Indirect Hire</u>	
Admin & Service Wide Activities		298	0	0	298
42A - Administration		298			298

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4. SUMMARY

	<u>US Direct Hire</u>	<u>Foreign National</u>		<u>Total</u>
		<u>Direct Hire</u>	<u>Indirect Hire</u>	
FY 2021				
O&M Space Force	1,525	0	0	1,525
Direct Funded	1,525	0	0	1,525
Reimbursable Funded	0	0	0	0
RDT&E	2,020	0	0	2,020
Direct Funded	2,020	0	0	2,020
Reimbursable Funded	0	0	0	0
Total Space Force	3,545	0	0	3,545
Direct Funded	3,545	0	0	3,545
Reimbursable Funded	0	0	0	0
FY 2022				
O&M Space Force	2,302	0	0	2,302
Direct Funded	2,302	0	0	2,302
Reimbursable Funded	0	0	0	0
RDT&E	2,184	0	0	2,184
Direct Funded	2,184	0	0	2,184
Reimbursable Funded	0	0	0	0
Total Space Force	4,486	0	0	4,486
Direct Funded	4,486	0	0	4,486
Reimbursable Funded	0	0	0	0
FY 2023				
O&M Space Force	2,547	0	0	2,547

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FY 2021 through FY 2023

4. SUMMARY

	<u>US Direct Hire</u>	<u>Foreign National</u>		<u>Total</u>
		<u>Direct Hire</u>	<u>Indirect Hire</u>	
Direct Funded	2,547	0	0	2,547
Reimbursable Funded	0	0	0	0
RDT&E	2,281	0	0	2,281
Direct Funded	2,281	0	0	2,281
Reimbursable Funded	0	0	0	0
Total Space Force	4,828	0	0	4,828
Direct Funded	4,828	0	0	4,828
Reimbursable Funded	0	0	0	0

DEPARTMENT OF THE SPACE FORCE
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Operation and Maintenance, Space Force
Depot Maintenance Program
Dollars in Thousands

Maintenance Activity	Maintenance Type	Weapon System	2021 TOA Funded	2022 TOA Funded	2022 TOA Required	2022 % Funded	2023 TOA Funded	2023 TOA Required	2023 % Funded
Electronics and Communications Systems	End Item	AF Sat Cntrl Net	3,993	5,047	11,587	44%	8,909	8,909	100%
		BMEWS	24,148	17,854	28,287	63%	27,517	40,941	67%
		Cobra Dane	18,311	12,894	17,038	76%	16,333	16,333	100%
		ECS	-	-	386	0%	-	-	0%
		Enhanced Polar Sys	2,385	3,317	3,702	90%	1,817	3,221	56%
		HEMP	4,667	8,258	8,326	99%	6,577	8,458	78%
		NCMC-ITW/AA	12,732	15,226	15,906	96%	4,700	4,700	100%
		Satellite Communications	3,421	5,709	6,617	86%	7,093	8,700	82%
		Satellite Navigation	2,933	4,260	5,011	85%	5,160	5,160	100%
		SBIRS	48,861	63,303	89,163	71%	41,667	66,211	63%
	SLBM Radar Warning Sys	17,131	16,863	21,656	78%	21,229	31,347	68%	
	Other	AF Sat Cntrl Net	53,465	56,533	63,328	89%	61,943	66,194	94%
		BMEWS	15,585	21,646	26,360	82%	16,152	27,763	58%
		Cobra Dane	20,162	15,195	25,107	61%	16,180	23,495	69%
		DMSP	18,821	20,648	23,129	89%	23,542	23,781	99%
		ECS	48,796	58,047	58,218	100%	-	-	0%
		Enhanced Polar Sys	4,567	3,351	5,518	61%	4,269	4,948	86%
		GPS III	11,946	2,570	2,591	99%	492	518	95%
		GPS Space & Control	20,000	651	2,591	25%	1,798	2,591	69%
		HEMP	1,574	1,653	1,666	99%	2,398	2,440	98%
NCMC-ITW/AA		21,618	21,687	37,822	57%	39,042	41,741	94%	
Satellite Communications	113,833	117,001	142,570	82%	144,866	177,656	82%		
Satellite Navigation	70,876	54,195	65,627	83%	63,032	71,265	88%		
SBIRS	101,625	90,320	101,659	89%	165,523	176,189	94%		

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	Shared Early Warning Sys	5,004	5,137	6,217	83%	6,074	7,303	83%
	SLBM Radar Warning Sys	20,776	21,400	28,548	75%	19,340	33,849	57%
	Space Fence	-	14,390	22,450	64%	17,430	21,134	82%
	Space Mission Planning System	34,534	32,352	52,425	62%	46,968	51,012	92%
	Space Ranges	133,879	138,214	178,705	77%	172,551	215,098	80%
	Space Systems - Other	124,947	128,656	168,918	76%	168,700	190,663	88%
	Wideband Milsatcom Terminals	1,615	992	1,433	69%	1,880	7,937	24%
Software	AF Sat Cntrl Net	3,047	3,000	3,698	81%	3,860	3,860	100%
	BMEWS	11,163	11,263	13,317	85%	20,573	20,739	99%
	Cobra Dane	190	3,867	5,567	69%	3,190	3,190	100%
	Enhanced Polar Sys	7,852	9,419	10,644	88%	10,290	11,848	87%
	GPS III	-	13,954	14,068	99%	15,219	30,940	49%
	GPS Space & Control	-	26,849	28,353	95%	26,028	29,177	89%
	NCMC-ITW/AA	40,035	57,192	60,408	95%	59,293	59,293	100%
	Satellite Communications	153,147	146,637	155,408	94%	164,831	178,544	92%
	Satellite Navigation	56,380	69,896	75,284	93%	62,408	70,809	88%
	SBIRS	22,141	51,181	68,934	74%	53,130	69,824	76%
	SLBM Radar Warning Sys	20,586	16,059	32,817	49%	27,209	33,268	82%
	Space Fence	-	4,966	7,726	64%	-	1,447	0%
	Space Mission Planning System	48,398	41,589	47,083	88%	35,287	44,135	80%
	Space Ranges	10,137	9,555	10,470	91%	10,525	10,842	97%
	Space Systems - Other	13,218	21,847	32,489	67%	30,239	38,468	79%
	Spacelift Rng Ops	2,182	-	-	0%	-	-	0%
	Wideband Milsatcom Terminals	13,687	9,631	14,106	68%	7,244	12,596	58%
Subassemblies	Communications Systems	2,678	1,345	2,729	49%	-	-	0%
	Satellite Communications	6,596	5,253	13,603	39%	1,920	14,581	13%
Grand Total		1,373,642	1,460,872	1,819,265	80%	1,644,428	1,973,118	83%