

# DEPARTMENT OF THE AIR FORCE



## Fiscal Year (FY) 2023 Budget Estimates

OPERATION AND MAINTENANCE, AIR FORCE RESERVE

Volume II

April 2022

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DEPARTMENT OF THE AIR FORCE  
Fiscal Year (FY) 2023 Budget Estimates  
Operation and Maintenance, Air Force Reserve  
Spares and Repair Parts  
(Dollars in Millions)

	<u>FY 2021</u>		<u>FY 2022</u>		<u>FY 2023</u>		<u>FY 2022 - FY 2023</u>
	<u>\$ in</u>		<u>\$ in</u>		<u>\$ in</u>		<u>Change</u>
<u>Qty</u>	<u>Millions</u>	<u>Qty</u>	<u>Millions</u>	<u>Qty</u>	<u>Millions</u>	<u>Qty</u>	<u>\$ in</u>
							<u>Millions</u>
<b>Depot Level Repairables (DLRs)</b>							
<u>Commodity</u>							
Ships							
Airframes							
Air Engines	\$187		\$215		\$241		\$26
Combat Vehicles							
Other							
Missiles							
Communications Equipment							
Other Misc	<u>\$1</u>		<u>\$1</u>		<u>\$1</u>		
<b>Total</b>	<b>\$188</b>		<b>\$215</b>		<b>\$242</b>		<b>\$27</b>
<b>Consumables</b>							
<u>Commodity</u>							
Ships							
Airframes							
Aircraft Engines	\$105		\$111		\$117		\$6
Combat Vehicles							
Other							
Missiles							
Communications Equipment							
Other Misc	<u>\$37</u>		<u>\$42</u>		<u>\$54</u>		<u>\$12</u>
<b>Total</b>	<b>\$142</b>		<b>\$152</b>		<b>\$171</b>		<b>\$18</b>

DEPARTMENT OF THE AIR FORCE  
Fiscal Year (FY) 2023 Budget Estimates  
Operation and Maintenance, Air Force Reserve  
Summary of Budgeted Environmental Programs

<b>3740 Appropriation - Operation and Maintenance - AFR</b>	(\$ Thousands)			
	<b>FY21</b>	<b>FY22</b>	<b>FY23</b>	<b>Change</b>
	<b>Estimate</b>	<b>Estimate</b>	<b>Estimate</b>	<b>22/23</b>
1. Recurring Costs - Class 0	\$4,835	\$4,641	\$4,618	-\$23
a. Manpower Control Total	\$4,824	4,629	4,606	-\$23
b. Education and Training	\$11	12	12	\$0
2. Environmental Compliance - Recurring Cost (Class 0)	\$3,707	\$3,246	\$4,059	\$813
a. Permits and Fees	168	127	128	\$1
b. Sampling, Analysis, Monitoring	891	195	296	\$101
c. Waste Disposal	537	207	308	\$101
d. Other Recurring Costs	2,111	2,717	3,327	\$610
3. Environmental Pollution Prevention - Recurring Cost (Class 0)	216	221	269	\$0
4. Environmental Conservation - Recurring Cost (Class 0)	604	199	222	\$0
<b>Total Recurring Costs</b>	<b>\$9,362</b>	<b>\$8,307</b>	<b>\$9,168</b>	<b>\$861</b>

1. Compliance - Other Recurring Costs: Supplies (Spills Team equipment/supplies, labels, drums, manifests, etc.); travel operating/maintaining equipment to support program including normal maintenance (e.g. air scrubbers, forklifts for hazardous waste storage facility, etc.), NPDES permit record/reporting, bi-annual hazardous waste reporting (RCRA Subtitle C), Clean Air Act inventories/reporting, FIFRA records, self-assessments (each year internally and one very three years externally).
2. Pollution prevention - Recurring (Class 0): Supplies; travel; data management; O&M for equipment, recycling, composting facilities; recurring reporting (e.g., EPCRA, Executive Order 12873).

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<b>3740 Appropriation - Operation and Maintenance - AFR</b>	(\$ in Thousands)			
	<b>FY 21</b>	<b>FY 22</b>	<b>FY 23</b>	<b>Change</b>
	<b>Estimate</b>	<b>Estimate</b>	<b>Estimate</b>	<b>22/23</b>
<b>5. Environmental Compliance Non Recurring Cost (Class I/II)</b>				
a. RCRA Subtitle C - Hazardous Waste	\$0	\$0	\$0	\$0
b. RCRA Subtitle D - Solid Waste	\$0	\$0	\$0	\$0
c. RCRA Subtitle I - Underground Storage Tanks	\$0	\$0	\$0	\$0
d. Clean Air Act	\$0	\$0	\$0	\$0
e. Clean Water Act	\$0	\$0	\$0	\$0
f. Safe Drinking Water Act	\$0	\$0	\$0	\$0
g. Planning	\$0	\$0	\$0	\$0
h. Other	\$0	\$0	\$0	\$0
<b>Total Non Recurring Costs (Class I/II)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Compliance - Other Non Recurring Costs: Radon/asbestos investigations & mitigation including facility demolition (if >50% cost for asbestos removal required to meet environmental standards); upgrade drinking water systems to meet environmental regulatory standards; develop well head protection programs; SDWA compliance e.g. install backflow prevention; spill response/clean (other than DERP requirements in Format E-7); and upgrade pesticide storage facilities to meet regulatory standards

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	(\$ in Thousands)			
<b>3740 Appropriation - Operation and Maintenance - AFR</b>	<b>FY 21</b>	<b>FY 22</b>	<b>FY 23</b>	<b>Change</b>
	<b>Estimate</b>	<b>Estimate</b>	<b>Estimate</b>	<b>22/23</b>
<b>6. Pollution Prevention - Non Recurring Cost (Class I/II)</b>				
a. RCRA Subtitle C - Hazardous Waste	\$0	\$0	\$0	\$0
b. RCRA Subtitle D - Solid Waste	\$0	\$0	\$0	\$0
c. Clean Air Act	\$0	\$0	\$0	\$0
d. Clean Water Act	\$0	\$0	\$0	\$0
e. Hazardous Material Reduction	\$0	\$0	\$0	\$0
f. Other	\$0	\$0	\$0	\$0
<b>Total Non Recurring Costs (Class I/II)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Pollution Prevention - Non Recurring Costs (Class I/II):

- a. RCRA Subtitle C - Requirements to comply with RCRA Subtitle C
- b. RCRA Subtitle D - Requirements to comply with RCRA Subtitle D and to reduce/recycle solid waste under EO 12873
- c. Clean Air Act - Requirements to comply with CAA which include ODS but not AFVs
- d. Clean Water Act - Requirements to comply with CWA and storm water pollution prevention plans
- e. Hazardous Material Reduction - Requirements to plan, identify, prioritize, test and evaluate pollution prevention alternatives except for ODS, and requirements to meet hazardous waste and pollutant reduction goals (50% TRI or 50% hazardous waste)
- f. Other - Requirements to test and evaluate alternative fuel vehicles (excludes AFV purchases), and to convert conventional fuel vehicles to alternative fuel if sufficient OEM AFVs to meet requirements are unavailable



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 Operation and Maintenance, Air Force Reserve  
 Summary of Budgeted Environmental Programs

	(\$ in Thousands)			
<b>3740 Appropriation - Operation and Maintenance - AFR</b>	<b>FY 21</b>	<b>FY 22</b>	<b>FY 23</b>	<b>Change</b>
	<b>Estimate</b>	<b>Estimate</b>	<b>Estimate</b>	<b>22/23</b>
<b>7. Environmental Conservation - Non Recurring Cost (Class I/II)</b>				
a. T&E Species	\$0	\$0	\$0	\$0
b. Wetlands	\$0	\$0	\$0	\$0
c. Other Natural Resources	\$0	\$0	\$0	\$0
d. Historical & Cultural Resources	\$0	\$0	\$0	\$0
<b>Total Non Recurring Costs (Class I/II)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>GRAND TOTAL ENVIRONMENTAL QUALITY</b>	<b>\$9,362</b>	<b>\$8,307</b>	<b>\$9,168</b>	<b>\$861</b>
 <b>Environmental Quality Program Outside the United States</b> (memo entry for amounts included above)	 <b>\$0</b>	 <b>\$0</b>	 <b>\$0</b>	 <b>\$0</b>

DEPARTMENT OF THE AIR FORCE  
Fiscal Year (FY) 2023 Budget Estimates  
Operation and Maintenance, Air Force Reserve  
Depot Maintenance Program

	FY 2021						FY 2022				FY 2023
	TOA Funded	TOA Required	TOA Funded Supplemental	TOA Funded	TOA Required	% Funded	TOA Funded Supplemental	TOA Funded	TOA Required	% Funded	TOA Funded Supplemental
<b>Basic Aircraft</b>	<b>398,451</b>	<b>412,363</b>	<b>10,463</b>	<b>447,198</b>	<b>541,002</b>	<b>83%</b>	<b>2,674</b>	<b>430,989</b>	<b>517,044</b>	<b>83%</b>	<b>7,054</b>
A-10	16,581	27,044	10,463	36,818	39,494	93%	2,674	25,474	35,325	72%	7,054
B-52	68,613	68,614		77,920	77,921	100%		58,284	77,609	75%	
C-130	53,733	56,137		72,962	79,989	91%		44,752	52,008	86%	
C-17	6,379	6,379		15,968	40,536	39%		49,391	49,391	100%	
C-40	3,852	3,852		5,744	5,744	100%		1,746	1,746	100%	
C-5	78,372	79,412		44,844	86,408	52%		86,373	87,036	99%	
F-16	9,817	9,817		21,450	26,617	81%		19,212	27,131	71%	
F-35											
HC-130					4				4		
HH-60	1,343	1,344		2,740	2,740	100%		2,656	2,902	92%	
KC-135	149,782	149,785		154,513	167,308	92%		137,471	176,871	78%	
KC-46	0	0		9,424	9,426	100%		5,630	7,021	80%	
WC-130	9,979	9,979		4,815	4,815	100%					
<b>End Item</b>	<b>7,164</b>	<b>7,175</b>		<b>8,323</b>	<b>8,595</b>	<b>97%</b>		<b>6,069</b>	<b>7,438</b>	<b>82%</b>	
Automated Test Sys (ATS)		0			1				3		
CSEL	57	57		59	61	97%		47	62	76%	
Halvorsen Loader	1,340	1,341		676	676	100%		1,035	1,380	75%	
Shelters & Radomes	252	253						25	25	100%	
Support Equipment	4,635	4,636		4,667	4,936	95%		4,962	5,968	83%	
Tactical Ranges				2,921	2,921	100%		0	0		
Tunner Loader	880	888						0	0		

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Operation and Maintenance, Air Force Reserve  
Depot Maintenance Program

	FY2021						FY2022				FY2023
	TOA Funded	TOA Required	TOA Funded Supplemental	TOA Funded	TOA Required	% Funded	TOA Funded Supplemental	TOA Funded	TOA Required	% Funded	TOA Funded Supplemental
<b>Engine</b>	<b>69,165</b>	<b>91,423</b>	<b>12,364</b>	<b>109,952</b>	<b>171,893</b>	<b>64%</b>	<b>15,709</b>	<b>148,617</b>	<b>184,375</b>	<b>81%</b>	<b>10,263</b>
A-10	2,589	2,590		2,734	2,734	100%		2,780	2,781	100%	
B-52	19,392	19,392		27,723	27,724	100%		37,298	40,168	93%	
C-130	10,334	10,335		9,000	11,026	82%		10,525	11,511	91%	
C-17	23,818	33,707		33,627	58,258	58%		53,923	64,763	83%	
C-5	1,090	1,091			1				1		
F-35											
HC-130	2,369	2,369		1,867	2,205	85%		2,223	2,309	96%	
KC/C-135	7,685	10,449	2,763					10,711	21,422	50%	
KC-135	1,888	11,490	9,601	35,001	69,945	50%	15,709	31,157	41,420	75%	10,263
<b>N/A</b>				<b>319</b>	<b>319</b>	<b>100%</b>		<b>219</b>	<b>300</b>	<b>73%</b>	
Other Items				319	319	100%		219	300	73%	
<b>Other</b>	<b>179,349</b>	<b>192,345</b>		<b>185,813</b>	<b>278,863</b>	<b>67%</b>		<b>209,292</b>	<b>277,857</b>	<b>75%</b>	
A-10	8,425	8,428		11,892	15,757	75%		12,429	15,928	78%	
Automated Test Sys (ATS)				48	50	96%		143	186	77%	
B-52	6,290	6,291		6,339	11,311	56%		7,998	11,528	69%	
C-130	17,459	17,466		20,074	22,099	91%		19,201	23,481	82%	
C-17	82,734	95,250		87,573	135,707	65%		117,072	135,092	87%	
C-40	13,693	13,695		10,726	13,752	78%		9,544	14,388	66%	
C-5	27,948	28,378		26,920	44,721	60%		18,116	45,921	39%	
CRC	156	156		120	120	100%					
F-16	12,958	12,963		11,587	16,234	71%		9,740	11,797	83%	
F-35											
Halvorsen Loader	268	282		276	317	87%		328	328	100%	
HC-130	2,926	2,942		3,065	6,046	51%		3,662	4,022	91%	
HH-60	1,372	1,373		1,364	1,691	81%		1,047	1,971	53%	
KC-135	5,120	5,121		5,829	9,618	61%		7,170	10,038	71%	
Targeting Pods					1,440			2,842	3,177	89%	
Tunner Loader											

DEPARTMENT OF THE AIR FORCE  
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Operation and Maintenance, Air Force Reserve  
Depot Maintenance Program

	FY2020						FY2021				FY2022
	TOA Funded	TOA Required	TOA Funded Supplemental	TOA Funded	TOA Required	% Funded	TOA Funded Supplemental	TOA Funded	TOA Required	% Funded	TOA Funded Supplemental
<b>Software</b>	<b>16,636</b>	<b>18,982</b>	<b>1,884</b>	<b>14,398</b>	<b>19,591</b>	<b>73%</b>		<b>9,536</b>	<b>17,894</b>	<b>53%</b>	<b>0</b>
C-130	3,050	3,052		1,616	1,663	97%		1,015	1,420	71%	
C-17	1,166	1,167		1,736	6,024	29%		5,299	5,323	100%	
C-5	12,056	14,398	1,884	7,539	7,853	96%		1,301	8,129	16%	0
F-35											
HC-130 Vehicles				3,507	4,051	87%		1,921	3,022	64%	
WC-130	364	365									
<b>Subassemblies</b>	<b>27</b>	<b>29</b>		<b>28</b>	<b>28</b>	<b>100%</b>		<b>9,549</b>	<b>14,492</b>	<b>66%</b>	
Halvorsen Loader	27	29		28	28	100%		28	28	100%	
Targeting Pods								9,521	14,464	66%	
<b>Support Equipment</b>	<b>8,065</b>	<b>8,066</b>		<b>957</b>	<b>1,038</b>	<b>92%</b>		<b>3,800</b>	<b>3,880</b>	<b>98%</b>	
A-10					1	0%					
C-17	6,379	6,379									
C-40								3,478	3,480	100%	
C-5	1,444	1,444		643	720	89%					
F-16	14	15			1						
F-35											
Storage	209	209		314	316	99%		322	322	100%	
Vehicles	19	19							78		
<b>Grand Total</b>	<b>678,857</b>	<b>730,383</b>	<b>24,711</b>	<b>766,988</b>	<b>1,021,329</b>	<b>75%</b>	<b>18,383</b>	<b>818,071</b>	<b>1,023,280</b>	<b>80%</b>	<b>17,317</b>