# Department of Defense Fiscal Year (FY) 2023 Budget Estimates

April 2022



# **Space Development Agency**

Defense-Wide Justification Book Volume 1 of 2

# Procurement, Defense-Wide

# THIS PAGE INTENTIONALLY LEFT BLANK

Space Development Agency • Budget Estimates FY 2023 • Procurement

# **Table of Volumes**

Chemical and Biological Defense ProgramVolur	ne 1
Defense Counterintelligence and Security AgencyVolur	me 1
Defense Information Systems AgencyVolur	ne 1
Defense Logistics AgencyVolur	ne 1
Defense Media Activity Volur	ne 1
Defense POW MIA Accounting AgencyVolur	ne 1
Defense Production Act Purchases Volur	ne 1
Defense Security Cooperation AgencyVolur	ne 1
Defense Threat Reduction AgencyVolur	ne 1
Department of Defense Education Activity Volur	
DoD Human Resources Activity	ne 1
Office of the Secretary Of Defense	
Space Development Agency Volur	ne 1
The Joint Staff	ne 1
United States Special Operations CommandVolur	
Washington Headquarters ServicesVolur	me 1

Space Development Agency • Budget Estimates FY 2023 • Procurement

Missile Defense Agency Volu	me 2
-----------------------------	------

Space Development Agency • Budget Estimates FY 2023 • Procurement

## **Volume 1 Table of Contents**

Comptroller Exhibit P-1	Volume 1 - v
Line Item Table of Contents (by Appropriation then Line Number)	Volume 1 - xvii
Line Item Table of Contents (Alphabetically by Line Item Title)	Volume 1 - xix
Exhibit P-40s	Volume 1 - 1

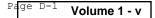
# THIS PAGE INTENTIONALLY LEFT BLANK

#### Defense-Wide FY 2023 President's Budget Exhibit P-1 FY 2023 President's Budget Total Obligational Authority (Dollars in Thousands)

13 Apr 2022

Appropriation	FY 2021 (Base + OCO)	FY 2022 Less Supplementals Enactment	FY 2022 Division B Division C P.L.117-43 Enactment*	FY 2022 Division B P.L.117-70 Enactment**
Procurement, Defense-Wide		86,060		
Total Defense-Wide		86,060		

P-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 13, 2022 at 08:14:05 \*Includes enacted funding pursuant to the Extending Government Funding and Delivering Emergency Assistance Act (Public Law 117-43). \*\*Includes enacted funding pursuant to the Further Extending Government Funding Act (Public Law 117-70).

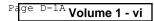


#### Defense-Wide FY 2023 President's Budget Exhibit P-1 FY 2023 President's Budget Total Obligational Authority (Dollars in Thousands)

13 Apr 2022

	FY 2022	FY 2022	FY 2022	
	Division A	Division N	Total	FY 2022
	P.L. 117-86	P.L. 117-103	Supplemental	Total
Appropriation	Enactment***	Enactment****	Enactment	Enactment
Procurement, Defense-Wide				86,060
Total Defense-Wide				86,060

P-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 13, 2022 at 08:14:05 \*\*\*Includes enacted funding pursuant to the Further Additional Extending Government Funding Act (Public Law 117-86). \*\*\*\*Includes enacted funding pursuant to the Ukraine Supplemental Appropriations Act (Public Law 117-103).



#### Defense-Wide FY 2023 President's Budget Exhibit P-1 FY 2023 President's Budget Total Obligational Authority (Dollars in Thousands)

13 Apr 2022

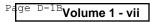
Appropriation

Procurement, Defense-Wide

Total Defense-Wide

FY 2023 Request

P-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 13, 2022 at 08:14:05

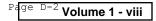


#### Defense-Wide FY 2023 President's Budget Exhibit P-1 FY 2023 President's Budget Total Obligational Authority (Dollars in Thousands)

13 Apr 2022

FY 2021 Organization: Procurement, Defense-Wide (Base + 00		FY 2022 Less Supplementals Enactment	FY 2022 Division B Division C P.L.117-43 Enactment*	FY 2022 Division B P.L.117-70 Enactment**
Space Development Agency, SDA		86,060		
Total		86,060		

P-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 13, 2022 at 08:14:05 \*Includes enacted funding pursuant to the Extending Government Funding and Delivering Emergency Assistance Act (Public Law 117-43). \*\*Includes enacted funding pursuant to the Further Extending Government Funding Act (Public Law 117-70).

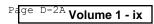


#### Defense-Wide FY 2023 President's Budget Exhibit P-1 FY 2023 President's Budget Total Obligational Authority (Dollars in Thousands)

13 Apr 2022

	FY 2022	FY 2022	FY 2022	
	Division A	Division N	Total	FY 2022
	P.L. 117-86	P.L. 117-103	Supplemental	Total
Organization: Procurement, Defense-Wide	Enactment***	Enactment****	Enactment	Enactment
Space Development Agency, SDA				86,060
Total				86,060

P-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 13, 2022 at 08:14:05 \*\*\*Includes enacted funding pursuant to the Further Additional Extending Government Funding Act (Public Law 117-86). \*\*\*\*Includes enacted funding pursuant to the Ukraine Supplemental Appropriations Act (Public Law 117-103).



#### Defense-Wide FY 2023 President's Budget Exhibit P-1 FY 2023 President's Budget Total Obligational Authority (Dollars in Thousands)

13 Apr 2022

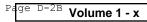
Organization: Procurement, Defense-Wide

Space Development Agency, SDA

Total

P-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 13, 2022 at 08:14:05

FY 2023 Request



#### Defense-Wide FY 2023 President's Budget Exhibit P-1 FY 2023 President's Budget Total Obligational Authority (Dollars in Thousands)

Appropriation: Procurement, Defense-Wide

		FY 2022 Less	FY 2022 Division B Division C	FY 2022 Division B
Dudact Jeticitu	FY 2021	Supplementals	P.L.117-43	P.L.117-70
Budget Activity	(Base + OCO)	Enactment	Enactment*	Enactment**
01. Major Equipment		86,060		
Total Procurement, Defense-Wide		86,060		

P-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 13, 2022 at 08:14:05 \*Includes enacted funding pursuant to the Extending Government Funding and Delivering Emergency Assistance Act (Public Law 117-43). \*\*Includes enacted funding pursuant to the Further Extending Government Funding Act (Public Law 117-70).



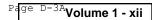
13 Apr 2022

#### Defense-Wide FY 2023 President's Budget Exhibit P-1 FY 2023 President's Budget Total Obligational Authority (Dollars in Thousands)

#### Appropriation: Procurement, Defense-Wide

	FY 2022 Division A P.L. 117-86	FY 2022 Division N P.L. 117-103	FY 2022 Total	FY 2022 Total
Budget Activity	Enactment***	Enactment****	Supplemental Enactment	Enactment
01. Major Equipment				86,060
Total Procurement, Defense-Wide				86,060

P-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 13, 2022 at 08:14:05 \*\*\*Includes enacted funding pursuant to the Further Additional Extending Government Funding Act (Public Law 117-86). \*\*\*\*Includes enacted funding pursuant to the Ukraine Supplemental Appropriations Act (Public Law 117-103).



13 Apr 2022

#### Defense-Wide FY 2023 President's Budget Exhibit P-1 FY 2023 President's Budget Total Obligational Authority (Dollars in Thousands)

Appropriation: Procurement, Defense-Wide

Budget Activity

FY 2023 Request

\_\_\_\_\_

13 Apr 2022

01. Major Equipment

Total Procurement, Defense-Wide

P-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 13, 2022 at 08:14:05

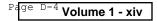
#### Defense-Wide FY 2023 President's Budget Exhibit P-1 FY 2023 President's Budget Total Obligational Authority (Dollars in Thousands)

13 Apr 2022

#### Appropriation: 0300D Procurement, Defense-Wide

Line No Item Nomenclature	Ident Code	FY 2( (Base + Quantity		FY 20 Les Suppleme Enactm Quantity	ss entals	FY 20 Divisi Divisi P.L.11 Enactm Quantity	on B on C 7-43	FY 20 Divisi P.L.11 Enactme Quantity	on B 7-70	S e c
	code	Quantity	COSL	Quantity	COSL	Quancity	COSL	Quantity	COSL	-
Budget Activity 01: Major Equipment  Major Equipment, SDA										
51 Joint Capability Tech Demonstration (JCTD)					86,060					U
Total Major Equipment					86,060					-
Total Procurement, Defense-Wide					86,060					

P-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 13, 2022 at 08:14:05 \*Includes enacted funding pursuant to the Extending Government Funding and Delivering Emergency Assistance Act (Public Law 117-43). \*\*Includes enacted funding pursuant to the Further Extending Government Funding Act (Public Law 117-70).



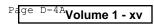
#### Defense-Wide FY 2023 President's Budget Exhibit P-1 FY 2023 President's Budget Total Obligational Authority (Dollars in Thousands)

13 Apr 2022

#### Appropriation: 0300D Procurement, Defense-Wide

Line	Ident	FY 20 Divisi P.L. 11 Enactme	on A 7-86	FY 20 Divisi P.L. 11 Enactmen	on N 7-103 t****	FY 20 Tota Supplem Enactm	l ental	FY 20 Tota Enactm	al ment	S e
No Item Nomenclature	Code	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	С
Budget Activity 01: Major Equipment  Major Equipment, SDA										
51 Joint Capability Tech Demonstration (JCTD)									86,060	U
Total Major Equipment									86,060	
Total Procurement, Defense-Wide									86,060	

P-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 13, 2022 at 08:14:05 \*\*\*Includes enacted funding pursuant to the Further Additional Extending Government Funding Act (Public Law 117-86). \*\*\*\*Includes enacted funding pursuant to the Ukraine Supplemental Appropriations Act (Public Law 117-103).



#### Defense-Wide FY 2023 President's Budget Exhibit P-1 FY 2023 President's Budget Total Obligational Authority (Dollars in Thousands)

#### Appropriation: 0300D Procurement, Defense-Wide

Line No 	Item Nomenclature	Ident Code	FY 20. Reque Quantity 	st	S e c
	Activity 01: Major Equipment				
Major	Equipment, SDA				
51 Jo	int Capability Tech Demonstration (JCTD)				U
Total	Major Equipment				
Total	Procurement, Defense-Wide				

P-123PBP: FY 2023 President's Budget (Total Base Published Version), as of April 13, 2022 at 08:14:05

Page D-4BVolume<u>1 - xvi</u>

13 Apr 2022

Space Development Agency • Budget Estimates FY 2023 • Procurement

Line Item Table of Contents (by Appropriation then Line Number)

Appropriation 0300D: Procurement, Defense-Wide

Line #	BA	BSA	Line Item Number	Line Item Title	Page
51	01	01	NSSL01	Major Equipment SDAVolun	ne 1 - 1

# THIS PAGE INTENTIONALLY LEFT BLANK

UNCLASSIFIED

Volume 1 - xviii

Space Development Agency • Budget Estimates FY 2023 • Procurement

## Line Item Table of Contents (Alphabetically by Line Item Title)

Line Item Title	Line Item Number	Line #	BA	BSA Page
Major Equipment SDA	NSSL01	51	01	01Volume 1 - 1

# THIS PAGE INTENTIONALLY LEFT BLANK

Exhibit P-40, Budget Line Item Justification: PB 2023 Space Development Agency									Date: April 2022					
<b>Appropriation / Budget Activity</b> 0300D: Procurement, Defense-W Equipment, SDA		P-1 Line Item Number / Title: NSSL01 / Major Equipment SDA												
ID Code (A=Service Ready, B=Not Service Ready):		Program Elements for Code B Ite			tems: N/A Other Related			d Program Elements: N/A						
Line Item MDAP/MAIS Code: N/A														
Resource Summary	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	To Complete	Total		
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-		
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	86.060	0.000	0.000	0.000	-	-	-	-	-	-		
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-		
Net Procurement (P-1) (\$ in Millions)	0.000	0.000	86.060	0.000	0.000	0.000	-	-	-	-	-	-		
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-		
Total Obligation Authority (\$ in Millions)	0.000	0.000	86.060	0.000	0.000	0.000	-	-	-	-	-	-		
(The following	g Resource Sumi	mary rows are fo	or informational p	urposes only. Th	e corresponding	g budget requests	s are document	ed elsewhere.)						
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-		
Flyaway Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-		
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-		

### **Description:**

In FY 2023, Line Item NSSL01, Major Equipment SDA, was transferred to Appropriation 3022, Procurement, Space Force, PE 1203954SF, WSC SDALCH, from Appropriation 0300, Procurement, Defense-Wide. In accordance with the William M. (Mac) Thornberry National Defense Authorization Act (NDAA) for FY 2021, effective on October 1, 2022, the Space Development Agency (SDA) will be an element of the U.S. Space Force, and report to Assistant Secretary of the Air Force (ASAF) for Space Acquisition and Integration (ASAF/SA&I) with respect to acquisition decisions and directly to the Chief of Space Operations with respect to requirements decisions, personnel decisions, and any other matter not covered by ASAF/SA&I.

SDA, established in 2019, has a mission that begins and ends with the war-fighter. SDA orchestrates the development, fielding, and operation of the Department of Defense's (DoD's) future threat-driven National Defense Space Architecture (NDSA) and uses novel approaches to accelerate the delivery of military space capabilities necessary to ensure U.S. technological and military advantage in space for national defense. SDA will deliver capabilities to joint war-fighting forces in two-year tranches, starting with the launch of Tranche 0 satellites. SDA began to procure launch services for Tranche 1 satellites in Fiscal Year 2022.

This line item received a \$12.000 million increase due to a Congressional Directed Transfer from SDA's RDT&E PE 1206410SDA (Project 001 Transport).

#### Justification:

In FY 2023, Line Item NSSL01, Major Equipment SDA, was transferred to Appropriation 3022, Procurement, Space Force, PE 1203954SF, WSC SDALCH, from Appropriation 0300, Procurement, Defense-Wide.

FY 2022 was the Space Development Agency's (SDA's) first year of Procurement funding. Funding aims to provide responsive and resilient space capabilities in support of the Joint Force and as part of Joint All Domain Command and Control (JADC2), thus increasing our war-fighters' lethality, maneuverability, and survivability. FY 2022 funding will procure launch services under the United States Space Force's National Security Space Launch (NSSL) program. In addition to launch services, this line may fund mission unique requirements such as launch vehicle hardware, procurement of flight representative interface hardware for pre-launch integration and test, early integration studies to document Space Vehicle-Launch Vehicle (SV-LV) interface controls and provide the predicted launch vehicle environments to the SV providers, final integration analysis and interface control documents, encapsulation and payload attach fitting mate operations of the SV integrated payload stack, and conduct launch and orbit insertion operations.

# THIS PAGE INTENTIONALLY LEFT BLANK