

DEPARTMENT OF THE AIR FORCE
FY 2023
BUDGET OVERVIEW



HON GINA ORTIZ JONES
MAJ GEN JAMES PECCIA
SAF/FMB | MARCH 2022



U.S. AIR FORCE



**UNITED STATES
SPACE FORCE**



Overview

- **Strategic Context**
- **FY23 Budget Themes**
- **FY23 Budget Summary**
- **FY23 Budget by Appropriation**
- **Final Thoughts**



Strategic Context

Advancing Department of Defense Goals



- Integrated Deterrence
- Campaigning
- Building Enduring Advantages

Air Force Core Missions



- Air Superiority
- Global Strike
- Rapid Global Mobility
- Command & Control
- Intelligence, Surveillance, & Reconnaissance

To fly, fight, and win... Airpower anytime, anywhere.

Space Force Main Efforts



- Space Superiority
- Support Joint Operations with a More Capable, Resilient Space Architecture
- Modernize to Defend American Interests in Space
- Empower Resilient Guardians

Semper Supra

Department of Air Force Operational Imperatives



- Define Resilient & Effective Space Order of Battle & Architectures
- Achieve Operationally Optimized Advanced Battle Management System
- Define the Next Generation Air Dominance Family of Systems
- Achieve Moving Target Engagement at Scale in a Challenging Operational Environment
- Define Optimized Resilient Basing, Sustainment, & Communications in a Contested Environment
- Define the B-21 Long Range Strike Family of Systems
- Readiness of the DAF to Transition to a Wartime Posture against a Peer Competitor



Integrated Deterrence

- *"The heart of our mission is to deter aggression. We don't want to fight wars -- we want to prevent them -- and the way you prevent conflicts is to convince the other side that you have the will to resist and the capability to defeat aggression."* – Secretary Kendall
- **Our investments to advance integrated deterrence include:**

Air Force

- Ground Based Strategic Deterrent
- Next Generation Air Dominance Family of Systems
- B-21 Family of Systems / B-52
- Survivable Airborne Operations Center
- Long-Range Stand-Off Weapons
- Hypersonics
- Air Moving Target Indication

Space Force

- Resilient Missile Warning / Missile Tracking Systems
- Protected Satellite Communications
- Space Domain Awareness
- Ground Moving Target Indication



Campaigning

- Employing our air and space power to achieve collective security needs – enforcing sovereignty, maintaining credible deterrence, working together bilaterally or in a coalition – is inherently stabilizing and advances our goal of a safer and more secure world.
- **Our investments to advance campaigning include:**

Enterprise Investments

- Force Generation (AFFORGEN & SPACEFORGEN)
- Weapon System Sustainment

Air Force

- Advanced Battle Management System
- Rapid Global Mobility: C-17, KC-46
- Flying Hour Program

Space Force

- National Security Space Launch
- Operational Test and Training Enterprise
- Global Positioning System



Building Enduring Advantages

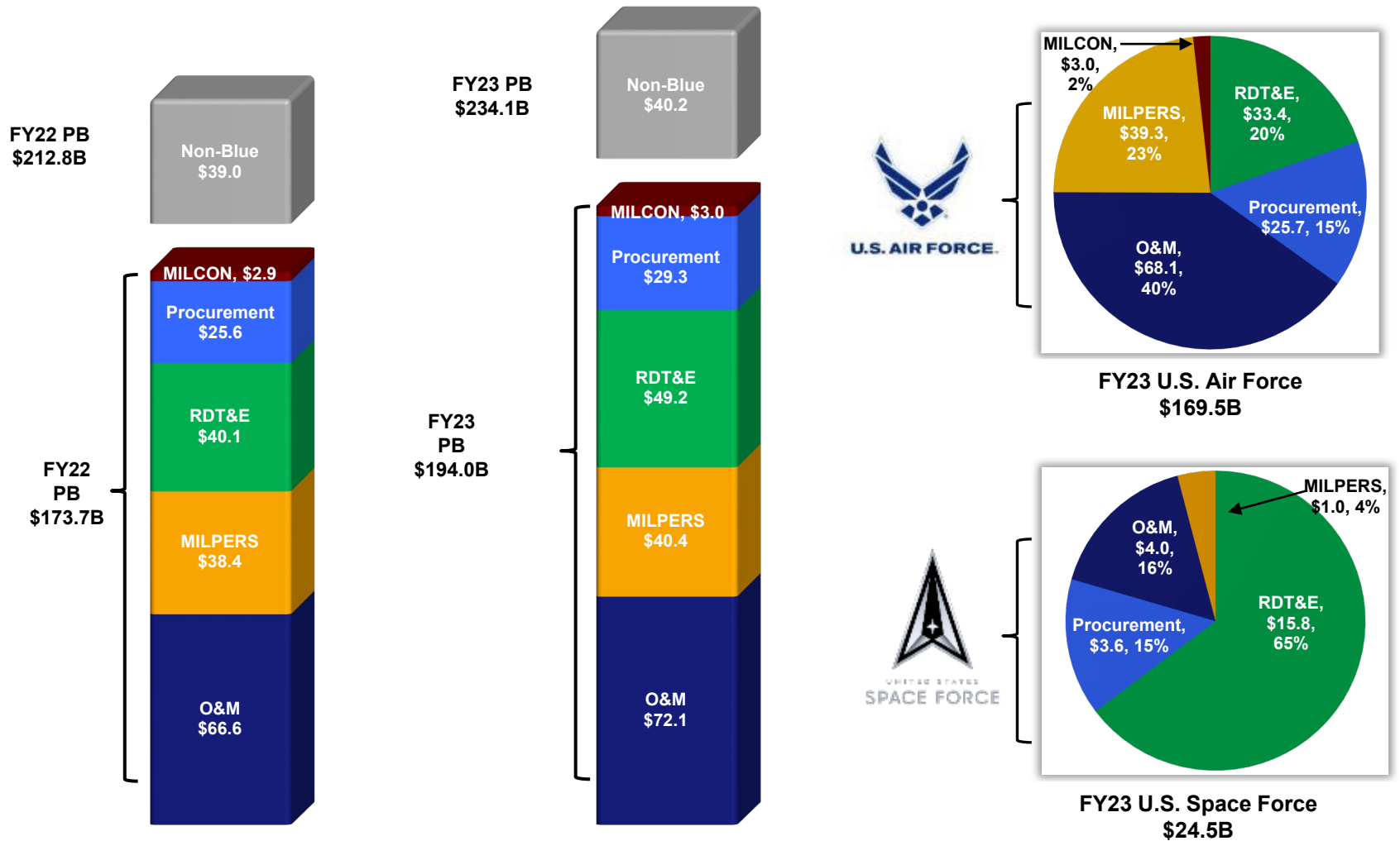
- Building the future force we need requires broad and deep change in how we produce and manage military capabilities and readiness.
- **Our investments to advance enduring advantages include:**

Enterprise Investments

- **Cultivate the Workforce**
 - Investment in training and development program transformation
 - Focus on Sexual Assault Prevention and Response, Diversity and Inclusion programs
- **Strengthen Resiliency and Adaptability**
 - Facility, Sustainment, Restoration and Modernization and Operational Energy Improvements
 - Adaptive Engine Transition Program and Aircraft Drag Reduction Technologies
- **Transform the Foundation**
 - Artificial Intelligence, Autonomous Collaborative Platforms, and Tech Transition Programs
 - Cyber resiliency and foundational Information Technology infrastructure
 - Space Warfighting Analysis Center – Force Design



Department of the Air Force FY23 Budget Summary





Operation & Maintenance (O&M)

Category (\$B)	FY22 PB	FY23 PB
Operating Forces	52.5	56.1
Mobilization	3.1	3.5
Training & Recruiting	2.8	3.0
Administration & Service Wide	4.9	5.1
U.S. Air Force Total	63.2	68.1
Operating Forces	3.2	3.8
Administration	0.2	0.2
U.S. Space Force Total	3.4	4.0
Department Total	66.6	72.1

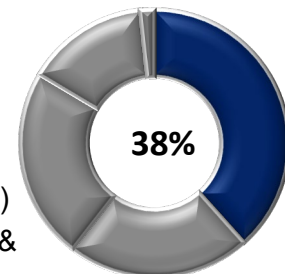
Major O&M Programs (\$B)	FY22 PB	FY23 PB
Weapon System Sustainment	15.4	16.6
Mission Support	17.4	19.2
Civilian Pay	12.0	12.5
Flying Hour	7.6	7.9
Installation Support	7.1	7.8
FSRM	3.7	4.0
U.S. Air Force Total	63.2	68.1
Weapon System Sustainment	1.4	1.6
Mission Support	1.3	1.7
Civilian Pay	0.3	0.3
Installation Support	0.1	0.1
FSRM	0.2	0.2
U.S. Space Force Total	3.4	4.0
Department Total	66.6	72.1

Includes Overseas Operations Costs

Numbers may not add due to rounding

Department of the Air Force:

- Funds 4.6% Civilian pay raise and benefits (+\$576M)
- Adds \$154M for Violence Prevention & Sexual Assault Prevention and Response programs
- Increases Employee Min Wage to \$15 per hour (+\$349M)
- Increases \$348M for Facilities Sustainment, Restoration & Modernization (FSRM) – funds sustainment at 85%
- Includes \$232M for climate energy resilience operations and projects



U.S. Air Force Highlights:

- Sources 85% WSS requirements & 1.1M flying hours – max executable level
- Grows Facility Operations \$161M to sustain 176 Total Force installations
- Increases \$162M for support to NC3 and Nuclear Deterrence (GBSD, B-21)
- Adds \$305M for combat ranges, four 6th Gen Over the Horizon radars & F-35 beddown at eight locations
- Pluses up Airlift portfolio \$174M to support increased rates (Intra-theater Airlift, Training, Test, and Ferry (TTF), and Presidential Airlift)
- Provides \$96M to support increased Indo-Pacific presence (Tactical Air Forces, Mobility Airlift, ISR, and Command & Control)
- Provides \$16M for Rated Diversity & Inclusion, scholarships, and training

U.S. Space Force Highlights:

- Increases \$205M for WSS – funds 83% of requirement, up 4% from FY22
- Provides \$67M to bring six Space Deltas to full mission capability
- Adds \$23M for space-focused Professional Mil Education & Talent Management
- Includes \$18M for purchase of commercial data to support Space Domain Awareness

Focuses on Readiness & Development for Airmen & Guardians



Military Personnel

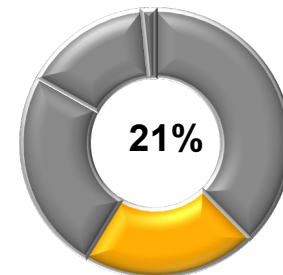
Category (\$B)	FY22 PB	FY23 PB
Active Duty	30.8	31.2
Air National Guard	5.1	5.4
Air Force Reserve	2.5	2.7
U.S. Air Force Total	38.4	39.4
U.S. Space Force Total	0.0	1.0
Department Total	38.4	40.4

Includes Overseas Operations Costs

Numbers may not add due to rounding

Department of the Air Force:

- Improves quality of life for Airmen and Guardians:
 - 4.6% pay raise (+\$952.1M)
 - 4.2% BAH raise (+\$250.8M)
 - 3.4% BAS raise (+\$96.6M)
- Provides \$300K for Basic Needs Allowance to address economic insecurities
- Funds \$1.1B for PCS - approx. 125K moves
- Total Force end strength decreases by 4.9K to 510.4K
 - Right sizes personnel to mission sets

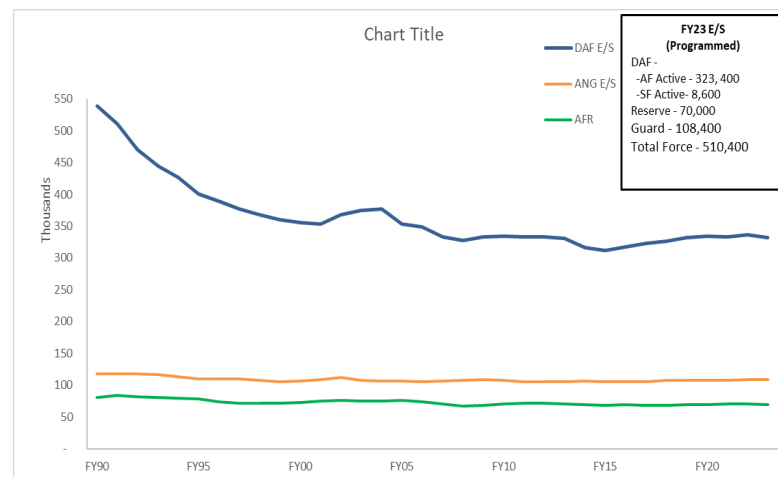


U.S. Air Force Highlights:

- Funds \$520M in bonuses, retention programs for 29.9K critically skilled positions
- Includes \$198M for aviation retention programs

U.S. Space Force Highlights:

- Transfers \$1.0B to new Space Force appropriation for Guardians
- Grows end strength by 200 to 8.6K military authorizations
 - Driven by Space Development Agency and inter-service transfers



Resourced to Recruit & Retain a Talented and Diverse Force



Research Development Test & Evaluation

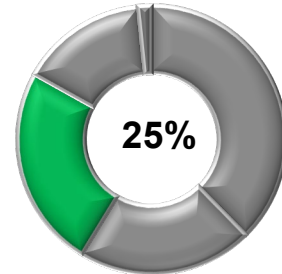
Category (\$B)	FY22 PB	FY23 PB
Operational Systems Development	11.4	12.3
Advanced Component Development & Prototypes	8.9	7.9
Management Support	3.0	3.0
System Development & Demonstration	2.6	6.4
Applied Research	1.3	1.3
Advanced Technology Development	0.7	0.8
Basic Research	0.5	0.5
Software & Digital Tech Pilot Program	0.4	0.9
U.S. Air Force Total	28.8	33.4
U.S. Space Force Total	11.3	15.8
Department Total	40.1	49.2

Includes Non-Enduring & Enduring Cost (OCO)

Numbers may not add due to rounding

U.S. Air Force Highlights:

- Funds Nuclear Enterprise:
 - Increases GBSD by \$1.1B to maintain 2029 IOC timeline
 - Adds \$320M to LRSO for test articles and test activities
 - Adds \$70M to SAOC for E-4B NAOC recapitalization development
- Adds \$381M to B-21 to continue EMD and support nuclear certification
- Provides \$354M to AED for adaptive engine prototype design and testing
- Provides \$227M for E-3 AWACS recapitalization development
- Increases Hypersonic weapon development by \$138M - ARRW, HACM
- Adds \$133M to NGAD for adv'd sensors, resilient comms, air vehicle tech
- Includes \$113M for unmanned / autonomous platforms
- Adds \$28M to ABMS for hardware and software for cloud based C2 implementation
- Grows DAF Tech Transition Program by \$306M for air & space emerging tech
- Includes \$77M for climate initiatives



Major RDT&E Programs (\$M)	FY22 PB	FY23 PB*
Aircraft		
B-21	2,873	3,254
F-35A	1,055	1,085
B-52	716	770
KC-46	73	198
E-3 Recapitalization	0	227
Nuclear		
Ground Based Strategic Deterrent (GBSD)	2,554	3,614
Long Range Standoff (LRSO) Weapon	609	929
Survivable Airborne Operations Center	133	203
Other		
Next-Generation Air Dominance (NGAD)	1,525	1,658
Tech Transition Program	344	650
Hypersonic Prototyping - ARRW, HACM	438	577
Advanced Engine Development (AED)	124	354
Advanced Battle Management System (ABMS)	204	231

Advances Technological Advantages to Ensure Integrated Deterrence



Research Development Test & Evaluation (Cont.)

Category (\$B)	FY22 PB	FY23 PB
Operational Systems Development	5.6	6.1
System Development & Demonstration	3.3	5.3
Advanced Component Development & Prototypes	1.6	3.0
Management Support	0.4	0.4
Applied Research	0.2	0.2
Software & Digital Tech Pilot Program	0.2	0.2
Advanced Technology Development	0.1	0.6
U.S. Space Force Total	11.3	15.8
U.S. Air Force Total	28.8	33.4
Department Total	40.1	49.2

Numbers may not add due to rounding

Major RDT&E Programs (\$M)	FY22 PB	FY23 PB
Next-Gen Overhead Persistent Infrared (OPIR)	2,451	3,479
Resilient Missile Warning/Missile Tracking	0	1,030
Space Technology Development & Prototyping	0	987
Evolved Strategic SATCOM (ESS)	160	566
Space Science and Technology R&D	0	461
Deep Space Advanced Radar Capability (DARC)	123	231
Protected Tactical Enterprise Service (PTES)	100	121



U.S. Space Force Highlights:

- Transfers Space Development Agency budget to USSF per NDAA:
 - \$987M to Space Technology Development & Prototyping – Data transport
 - \$461M to Space Science and Technology R&D – Data transport and tracking
- Adds \$1.0B for ground and GEO space segments of Next-Gen OPIR missile warning system
- Adds \$1.0B for Resilient Missile Warning/Missile Tracking to address hypersonic and maneuverable RVs
- Adds \$406M to Evolved Strategic SATCOM (ESS) to replace AEHF satellites for secure, survivable strategic communications
- Adds \$108M to DARC Site 1 rapid prototyping , 24/7 all-weather tracking of space objects in geosynchronous orbit
- Provides \$121M for PTES to further develop anti-jam performance for global SATCOM
- Includes \$36M for climate initiatives

Robust Space Architecture that Fortifies the Joint Force



Procurement

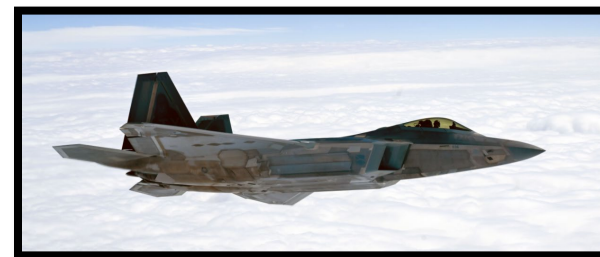
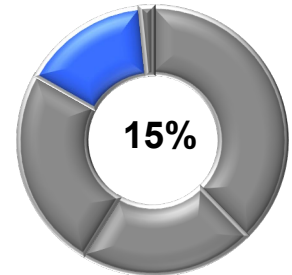
Category Programs (\$B)	FY22 PB	FY23 PB
Aircraft	15.7	18.5
Missile	2.1	2.3
Ammunition	0.8	0.9
Other Procurement	4.3	4.0
U.S. Air Force Total	22.9	25.7
Procurement, U.S. Space Force	2.8	3.6
U.S. Space Force Total	2.8	3.6
Department Total	25.6	29.3
<i>Includes Direct War & Enduring Cost (OCO)</i>		
Major Procurement Programs (\$M)	FY22 PB	FY23 PB
Aircraft		
F-35A	5,092	4,482
KC-46A	2,604	2,826
F-15EX	1,335	2,686
B-21	108	1,787
HH-60W	930	870
F-22	468	812
JASSM-ER	711	785
SDB II	295	280
AMRAAM	218	324
JDAM	124	252
LRASM	0	119
Nat'l Security Space Launch	1,337	1,056
Space Dev. Agency Launch	0	314
GPS III Follow-On	686	761

Includes Overseas Operations Costs

Numbers may not add due to rounding

U.S. Air Force Highlights:

- Adds \$1.4B for 24 F-15EXs implementing open systems architecture and replacing end of service life C/D models
- Procures 33 F-35As to grow 5th-Gen fighter fleet
- Adds \$344M to F-22 for advanced sensor capabilities
- Adds \$1.7B for B-21 to deliver long-range strike capability
- Adds \$74M to fund JASSM-ER at maximum production capacity
- Adds \$119M to procure 28 LRASM for long-range advanced anti-ship capability
- Adds \$128M to procure 4,200 JDAMs
- Adds \$167M to procure 5 MH-139s for nuclear missile field security
- Completes Combat Search & Rescue recapitalization with 10 additional HH-60Ws
- Adds \$222M to procure 15 KC-46s to recapitalize tanker fleet
- Includes \$43M for climate initiatives



U.S. Space Force Highlights:

- Provides \$1.1B to procure 3 National Security Space Launches
- Provides \$314M to procure 3 Space Development Agency launches
- Procures 2 GPS III Follow-On satellites providing increased resiliency

Advances integrated deterrence and strengthens our military advantage



Major Procurement Quantities

Program (Quantities)	FY22 PB	FY23 PB
Aircraft		
F-35A Lightning II	48	33
KC-46A Pegasus	14	15
F-15EX	12	24
HH-60W	14	10
MH-139	0	5
Munitions		
Joint Direct Attack Munition (JDAM)	1,919	4,200
Small Diameter Bomb - II	985	761
AGM-158 JASSM-ER	525	550
Small Diameter Bomb - I	998	356
AIM-120D AMRAAM	168	271
AIM-9X Sidewinder	243	255
LRASM	0	28
Space		
National Security Space Launch	5	3
Space Dev. Agency Launch	0	3
GPS III Follow-On	2	2

Includes Overseas Operations Costs

Numbers may not add due to rounding





Military Construction & Family Housing

Category (\$B)	FY22 PB	FY23 PB
Major Construction	2.0	2.0
Minor Construction	0.1	0.1
Planning & Design	0.3	0.2
BRAC	0.1	0.1
Military Family Housing	0.4	0.6
Department Total	2.9	3.0

Includes Direct War & Enduring Cost (OCO)

Numbers may not add due to rounding

USAF Component (\$M)	FY22 PB	FY23 PB
Active (Includes MFH)	2,648	2,751
Guard	198	149
Reserve	78	57
Total	2,924	2,957

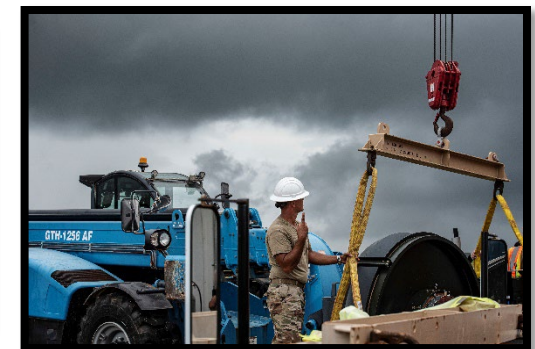
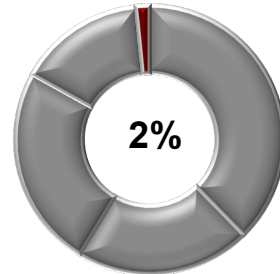
Includes Overseas Operations Costs

Numbers may not add due to rounding

Beddown Projects (\$M)	FY23 PB
Beddowns	
B-21 (AF) - 2 projects	168
KC-46 (AF) - 2 projects	63
HH-60W (AF) - 1 project	16
F-35 (ANG) - 1 project	22
KC-135 (ANG) - 1 project	24
Nuclear	
GBSD (AF) - 6 projects	444

U.S. Air Force Highlights:

- Resources \$2.3B in 38 projects across 15 states & 8 overseas locations
 - Procures 13 weapon system beddown projects
 - Adds \$245M for 5 EDI projects
 - Adds \$451M for Indo-Pacific, includes 6 projects
 - Adds \$158M for 2 Dormitory Complexes
 - \$90M Basic Military Training
 - \$68M Clear Space Force Station
- Minor Construction includes CDC at Hurlburt Field (\$2.4M)
- Resources \$233M in Military Family Housing enhancements to include:
 - Military Housing Privatization Initiative Restructures at Dover AFB (\$25M), Scott AFB (\$52M), & AETC Group 1 (\$150M)





Final Thoughts

“One Team, One Fight”

“We have a window of opportunity to accelerate changes now. And personally, I’d rather drive than ride; if we fail, it won’t be for lack of trying.”



Gen CQ Brown, Jr.
Chief of Staff of the Air Force

Honorable Frank Kendall
Secretary of the Air Force



“The most important thing we owe our Airmen and Guardians are the resources they need, and the systems and equipment they need, to perform their missions.”

“We are embarking on an unprecedented shift to more resilient, capable, and defensible architectures to protect the Nation and give the joint force a decisive advantage.”



Gen Jay Raymond
Chief of Space Operations



FISCAL YEAR 2023 BUDGET OVERVIEW

www.saffm.hq.mil/FM-Resources/budget/