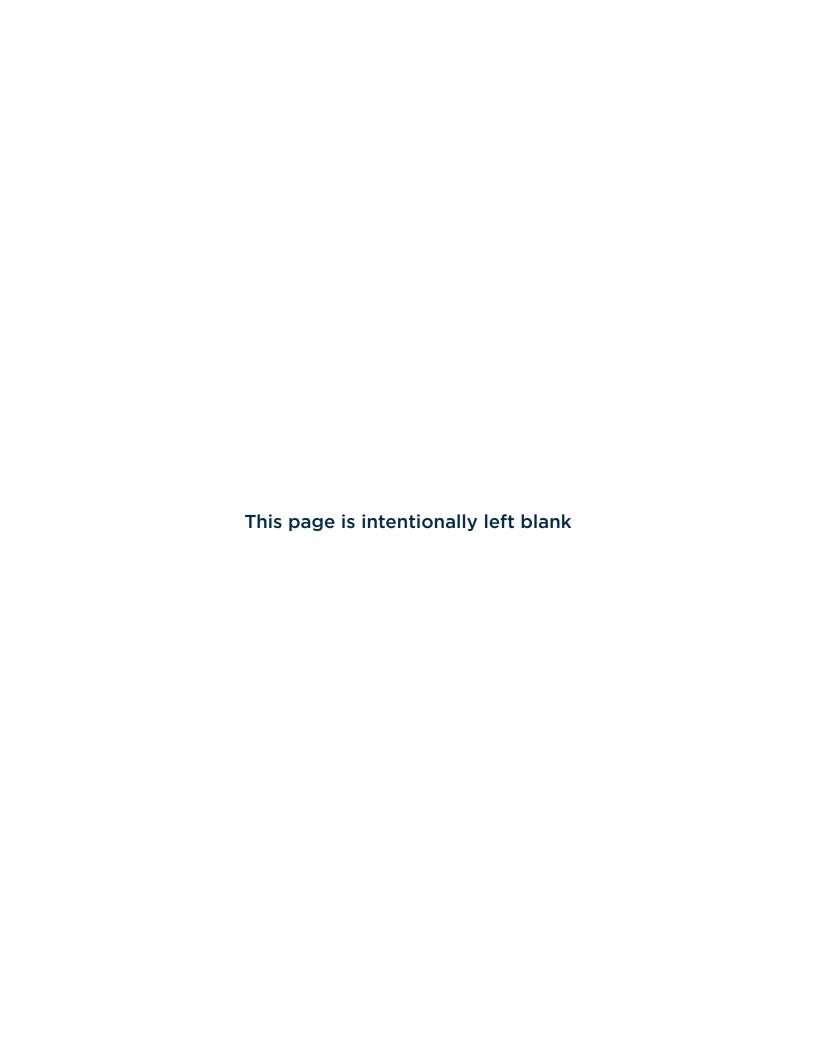


SAF/FMB | MARCH 2019





UNITED STATES AIR FORCE

FISCAL YEAR 2020 BUDGET OVERVIEW

The information contained in the Budget Overview Book is supported by the Air Force J-Books. Preparation of the J-Book report/study cost the Department of Defense a total of approximately \$4,708,000. This includes \$38,000 in expenses and \$4,670,000 in DoD labor.

Generated on Feb 14; RefID:



FY 2020 BUDGET OVERVIEW

TABLE OF CONTENTS

SECTION 1 - TOTAL FORCE COMPONENTS	1
SECTION 2 - OVERVIEW	2
PEOPLE AND TRAINING	2
COST EFFECTIVE MAINTENANCE AND LOGISTICS	2
NUCLEAR DETERRENCE	3
MODERNIZATION	3
CYBER DOMINANCE	3
ACCELERATING DEFENDABLE SPACE	3
SECTION 3 - FY 2020 BUDGET HIGHLIGHT (OVERVIEW)	4
OPERATION AND MAINTENANCE (O&M)	6
Active Air Force	9
Air National Guard	10
Air Force Reserve	11
Space Force	12
MILITARY PERSONNEL (MILPERS)	13
Active Air Force	14
Air National Guard	15
Air Force Reserve	16
RESEARCH DEVELOPMENT TEST AND EVALUATION (RDT&E)	17
PROCUREMENT	20
Aircraft	21
Space	23
Missile	24
Ammunition	25
Other	26
MILITARY CONSTRUCTION (MILCON)	27
Active Air Force	28
Air National Guard	30
Air Force Reserve	30
MILITARY FAMILY HOUSING (MFH)	32
BASE REALIGNMENT AND CLOSURE (BRAC)	32
OVERSEAS CONTINGENCY OPERATIONS (OCO) WORKING CAPITAL FUND (WCF)	33 35
SECTION 4 - SUMMARY	37
SECTION 5 - APPENDIX	38
AIR FORCE TOTAL AIRCRAFT INVENTORY	38
AIR FORCE PROCUREMENT NEW STARTS	39
SECTION 6 - ACRONYMS	41

FY 2020 BUDGET OVERVIEW

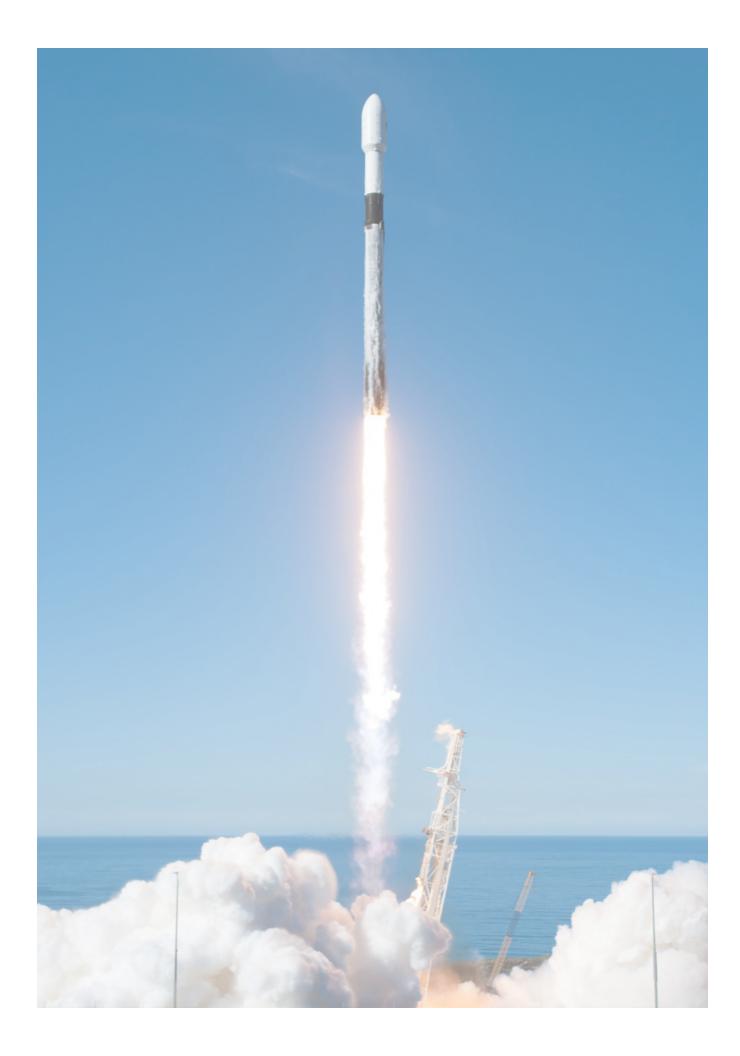
TABLE OF FIGURES

FIGURE 1.	O&M - Total Force FY 2020 Baseline Budget Request	6
FIGURE 2.	O&M - Active Air Force FY 2020 Baseline Budget Request	9
FIGURE 3.	O&M - Air National Guard FY 2020 Baseline Budget Request	10
FIGURE 4.	O&M - Air Force Reserve FY 2020 Baseline Budget Request	11
FIGURE 5.	MILPERS - Total Force FY 2020 Baseline Budget Request	13
FIGURE 6.	MILPERS - Active Air Force FY 2020 Baseline Budget Request	14
FIGURE 7.	MILPERS - Air National Guard FY 2020 Baseline Budget Request	15
FIGURE 8.	MILPERS - Air Force Reserve FY 2020 Baseline Budget Request	16
FIGURE 9.	RDT&E - FY 2020 Baseline Budget Request	17
FIGURE 10.	Procurement - FY 2020 Baseline Budget Request	20
FIGURE 11.	Procurement - Aircraft FY 2020 Baseline Budget Request	21
FIGURE 12.	Procurement - Space FY 2020 Baseline Budget Request	23
FIGURE 13.	Procurement - Missile FY 2020 Baseline Budget Request	24
FIGURE 14.	Procurement - Ammunition FY 2020 Baseline Budget Request	25
FIGURE 15.	Procurement - Other FY 2020 Baseline Budget Request	26
FIGURE 16.	MILCON - FY 2020 Baseline Budget Request	27
FIGURE 17.	OCO - FY 2020 Baseline Budget Request	33

FY 2020 BUDGET OVERVIEW

TABLE OF TABLES

IABLE I.	Air Force Budget nightights Summary	3
TABLE 2.	O&M - Air Force Total Force TOA by Component	6
TABLE 3.	O&M - Air Force Total Force Baseline TOA	8
TABLE 4.	O&M - Active Air Force TOA	9
TABLE 5.	O&M - Air National Guard TOA	10
TABLE 6.	O&M - Air Force Reserve TOA	11
TABLE 7.	O&M - Space Force TOA	12
TABLE 8.	MILPERS - Air Force Total Force TOA	13
TABLE 9.	MILPERS - Active Air Force TOA	14
TABLE 10.	MILPERS - Air National Guard TOA	15
TABLE 11.	MILPERS - Air Force Reserve TOA	16
TABLE 12.	RDT&E TOA	18
TABLE 13.	RDT&E Significant Programs	19
TABLE 14.	Procurement TOA	20
TABLE 15.	Procurement - Aircraft TOA	22
TABLE 16.	Procurement - Space TOA	23
TABLE 17.	Procurement - Missile TOA	24
TABLE 18.	Procurement - Ammunition TOA	25
TABLE 19.	Procurement - Other TOA	26
TABLE 20.	MILCON TOA	27
TABLE 21.	MILCON - Active Air Force TOA	29
TABLE 22.	MILCON - Air National Guard TOA	30
TABLE 23.	MILCON - Air Force Reserve TOA	30
TABLE 24.	Worldwide Base MILCON Project List	31
TABLE 25.	MFH TOA	32
TABLE 26.	BRAC TOA	32
TABLE 27.	осо тоа	34
TABLE 28.	OCO Worldwide MILCON Project List	34
TABLE 29.	AFWCF Financial & Personnel Summary	35
TABLE 30.	AFWCF Fund Cash Management	36
TABLE 31.	TWCF Cash Management	36



TOTAL FORCE (COMPONENTS)

The nation's demand for airpower requires an agile and lethal force able to adapt rapidly to accomplish a wide variety of missions. To achieve this, the Air Force must leverage the combined strengths of the Active, Guard, Reserve, and civilian operate as one Air Force. This seamless integration of our Total Force Airmen enables the Air Force to continue to meet the needs for airpower today and tomorrow.

ACTIVE DUTY AIR FORCE



The Active component military end-strength comprises approximately 65% of the Air Force's Total Force. The Active Air Force maintains aircraft and bases across the United States and overseas, while supporting all five core missions: Air, Space and Cyber Superiority; Global Intelligence, Surveillance and Reconnaissance; Rapid Global Mobility; Global Strike; and Command and Control. The Active Air Force is the only full time component—the other components are full time when "activated" to support operational requirements.

AIR NATIONAL GUARD



The Air National Guard comprises approximately 21% of the Total Force and provides almost half of the Air Force's tactical airlift support, combat communications functions, aeromedical evacuations and aerial refueling. The Air National Guard's federal mission is to maintain well-trained, well-equipped units available for prompt mobilization during war and provide assistance during national emergencies. During peacetime, the combat-ready and support units, assigned to most Air Force major commands, carry out missions compatible with training, mobilization readiness, humanitarian and contingency operations.

AIR FORCE RESERVE



The Air Force Reserve is an agile, combat-ready force, which comprises approximately 14% of the Total Force. Reservists support nuclear deterrence operations, air, space and cyberspace superiority, command and control, global integrated intelligence surveillance reconnaissance, global precision attack, special operations, rapid global mobility and personnel recovery. They also perform space operations, aircraft flight testing, aerial port operations, civil engineer, security forces, military training, communications, mobility support, transportation and services missions. The Reserve components stand shoulder to shoulder with their active duty counterparts to meet mission requirements and are critical for providing the military defense of our nation.

CIVILIANS

More than 140,000 civilian Airmen work side by side each day with their military counterparts. These civilian Airmen are critical to the Air Force operations. Civilian employees provide a unique perspective, invaluable experience, continuity, and leadership across all Air Force mission sets. Their expertise enhances our capability to solve problems, adapt to challenges and achieve mission success.

OVERVIEW

Our National Defense Strategy directs a more lethal and ready force, prepared to defeat great power competitors. These great power competitors are challenging U.S. dominance in all warfighting domains: air, land, sea, space, and cyberspace. In Fiscal Year 2020, we will continue to build a more lethal and ready Air Force, while fielding tomorrow's Air Force faster and smarter. Highlights:

PEOPLE AND TRAINING: Readiness recovery is first and foremost about people. Our Fiscal Year 2020 budget continues end-strength growth, by adding 4,400 Total Force military Airmen. To address our aircrew shortage, we are implementing initiatives to increase pilot production, training and retention. This budget builds on our progress to produce 1,480 pilots in 2020. In addition, this budget submission funds important support to Airmen and families with a military pay raise, increased housing and subsistence allowances, and family support programs.

This budget proposal includes funds to modernize our live and virtual ranges and infrastructure to provide relevant and realistic training capabilities against our most advanced threats. This includes targeted funding for the Nevada Test and Training Range, Joint Pacific Alaska Range Complex, Utah Test and Training Range, and several smaller range complexes to replicate the capabilities of our peer adversaries. We are expanding contract adversary air from one to three locations, which frees our Airmen to practice their own skills rather than spend time simulating the skills of our adversaries. This budget dedicates 1.1 million peacetime flying hours to train our Airmen to fight alongside allies and partners as vital members of our joint force.



COST-EFFECTIVE MAINTENANCE AND LOGISTICS: The

budget funds Air Force flying hours to maximum executable levels and prioritize our 204 pacing units to ensure our lead force packages are ready to fight tonight, while also advancing the overall readiness of the force to achieve our readiness goals. This budget includes \$16.4 billion in weapon system sustainment to support our current fleet

and target our priority needs. We will continue focusing on supply inventory, increasing our maintenance capacity, enhancing our training and proficiency, and moderating the operational tempo to help our maintainers meet this goal.

NUCLEAR DETERRENCE: The FY 2020 budget reflects the Defense Department commitment to maintain a safe, secure, and effective nuclear deterrent. The Air Force provides two-thirds of our nuclear Triad and 75% of our nuclear command, control, and communications capability. We continue efforts to modernize the nuclear triad, including our nuclear command, control, and communication systems, Long Range Stand Off weapon and Ground-Based Strategic Deterrent. The FY 2020 President's Budget (PB) request continues to fund research and development of our next-generation bomber, the B-21 Raider, which is part of the most visible and flexible leg of the Triad.

MODERNIZATION: We are investing \$1.5 billion to test and prototype game-changing technologies to cement our warfighting advantage, including hypersonic weapons, directed energy, and adaptive jet propulsion. The FY 2020 budget continues development of Multi-Domain Operations capabilities and continues the transition to the Advanced Battle Management System, a family of systems that will fuse data from multiple platforms across all warfighting domains.

The Air Force remains committed to the F-35 and its game-changing capabilities, and will continue purchasing 48 aircraft each year. Additionally, to maintain our readiness to counter our adversaries, this budget proposes to replace aging F-15C's with a modernized successor by purchasing the F-15EX to complement fifth generation capabilities across a full range of operational challenges. Finally, the FY 2020 budget continues procurement of 12 KC-46 Pegasus tankers, to increase joint and coalition aircraft refueling capability and enable the rapid deployment of aircraft.

CYBER DOMINANCE: Our FY 20 budget submission advances how we train and equip cyber forces for Multi-Domain Operations. We are investing in new capabilities to identify network threats and vulnerabilities, and are designing countermeasures to mitigate risks to our weapon systems. This budget continues funding the joint effort to supply Airmen with a Unified Platform, and the Joint Cyber Command and Control system to provide Combatant Commanders cyber situational awareness and battle management of these forces.

ACCELERATING DEFENDABLE SPACE: This budget builds upon the advances made in 2019 and further accelerates current efforts to protect and defend our ability to operate in space. This budget proposes a \$14.0 billion investment in our space portfolio in FY 2020, a 17% increase over our FY 2019 budget. Finally, we are devoting greater time and resources to train and develop our space operators because they will be the cornerstone of U.S. Space Command, our newest Combatant Command.

BUDGET HIGHLIGHTS OVERVIEW

The Air Force 2020 budget request is approximately \$165.6 billion dollars, a 6% increase from the FY 2019 request. Highlights:

Our FY 2020 Operation and Maintenance (O&M) budget includes an over \$4 billion dollar increase from the FY 2019 request. The baseline budget funds flying hours to the maximum executable level. To free Air Force pilots to perform other missions, we continue to expand our Adversary Air contract and prioritize Pacing Platforms in our Weapons System Sustainment portfolio, while maintaining overall high levels of WSS funding to achieve desired readiness gains.

The FY 2020 Military Personnel (MILPERS) funding continues our end-strength growth, further reducing critical gaps in our force. While Air National Guard and Air Force Reserve maintainers still face manning challenges, our FY20 budget continues end-strength growth by adding 4,400 Airmen growing the Total Force military end-strength to just over 510K military members. This request also provides funding to recruit, train and develop Airmen focused on leading in Multi-Domain Operations as part of the Joint and Combined Force. In particular, this budget targets shortfalls in nuclear defenders, intelligence specialists, special warfare Airmen and cyber warriors. This budget also builds on the progress to produce 1,480 pilots in 2020.

The FY 2020 Research, Development, Test and Evaluation (RDT&E) budget invests heavily in game-changing technologies, increases funds for modernization of our nuclear triad, continues the development of future space assets and re-profiles funding to advance the most promising capabilities. Funding continues the development and operational fielding of hypersonics, unmanned autonomous vehicles, artificial intelligence and machine learning systems, and algorithmic warfare. Additionally, the FY 2020 budget continues the development of Next-Generation Overhead Persistent Infrared (OPIR) sensor, and funds GPS-III follow-on satellite, furthering our efforts to move to a defendable space posture.

Our FY 2020 Procurement account continues procurement of F-35As and KC-46As, and initiates the refresh of the F-15 fleet with a new variant. This budget continues to fund the modernization of rotary assets with the HH-60W Combat Rescue Helicopter and the modification of 4th and 5th generation aircraft.

In the FY 2020 budget, the Military Construction (MILCON) request continues to prioritize critical infrastructure requirements to meet mission needs and operational timelines. The Air Force's FY 2020 MILCON budget request contains \$2.3B for Military Construction, approximately \$400M more than FY 2019 enacted funding. These resources will fund Combatant Commander priorities, new weapon system beddowns, and modernization of our research, development and test infrastructure. Additionally, this budget funds the replacement of facilities destroyed by Hurricane Maria on Muniz Air National Guard Base, Puerto Rico.

Our FY 2020 Overseas Contingency Operations (OCO) budget prioritizes on-going operations in Iraq, Afghanistan and Syria, expands efforts to deter Russian aggression through the European Deterrence Initiative, continues global counterterrorism operations and builds military readiness.

SECTION 3

TABLE 1. Air Force Budget Highlights Summary

FY20 <i>F</i>	Air Force I	Budget Request Facts		
			FY19	FY20 PB
Total Air Force (\$M) ¹			155,811	165,571
Total Base Budget Request				
Operation and Maintenance (O&M) ²			49,894	54,577
Military Personnel (MILPERS)			31,879	34,185
Research Development Test & Evaluation (RDT&E))		30,933	35,393
Procurement ³			26,013	25,922
Military Construction (MILCON)			1,843	2,284
Military Family Housing			396	399
Base Realignment and Closure (BRAC)			67	54
Overseas Contingency Operations (OCO)*			14,788	12,757
	Ge	neral Facts		
	30	neral racis	FY19	FY20 PB
Total Aircraft Inventory 4			5,426	5,500
Flying Hours 5			1,454,383	1,325,156
riying riours	Per	onnel Facts	1, 10 1,000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
			FY19	FY20 PB
Authorized Manpower			648,786	653,725
Military			506,200	510,600
Active			329,100	332,800
Guard			107,100	107,700
Reserve			70,000	70,100
Civilian 6			142,586	143,125
	Major Proc	rement Quantities ⁷		
	FY19	FY20 PB	FY19	FY20 PB
Aircraft		Weapons		
F-35A	56	48 JDAM	36,000	37,000
KC-46A	15	12 Small Diameter Bomb I	5,744	7,078
HH-60W CRH	10	12 AGM-114 Hellfire	3,734	3,859
MQ-9A	24	12 Small Diameter Bomb II	510	1,175
HC/MC-130J ^s	8	8 AGM-158 JASSM-ER	360	430
F-15EX	0	8 AIM-9X Sidewinder	256	355
EC-37B	2	1 AIM-120D AMRAAM	187	220
Space				
National Security Space Launch	5	4		
GPS-III Follow-On	0	1		

Numbers may not add due to rounding

¹ Does not include Pass Through

² FY20 PB includes \$27.9B in OCO for Base requirements

³ FY20 PB includes \$1.7B in OCO for Base Requirements

⁴ Includes Total Force Total Aircraft Inventory (TAI) Only - Excl. ALCM, ICBM, LRE, Aerial Target & Ground Control Stations; comprehensive aircraft list in Appendix

⁵ Air Force Total Force O&M funded flying hours only, including OCO

⁶ Air Force civilian budget end-strength shown excludes AFWCF and pass-through

⁽Total civilian end-strength FY19:184,257 FY20:189,400)

⁷ Quantities include both Base and OCO

⁸ FY19: 2 HC-130J and 6 MC-130J, FY20: 0 HC-130J and 8 MC-130J

OPERATION AND MAINTENANCE (O&M)

Figure 1 depicts the FY 2020 Baseline TOA shown in Table 2 below and displays the relative size of each subsection of this appropriation

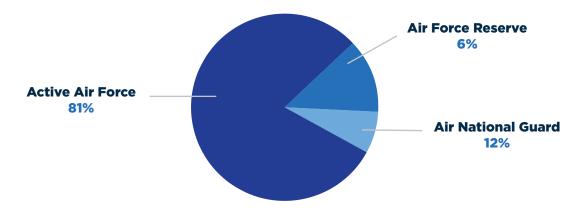


FIGURE 1. O&M - Total Force FY 2020 Baseline Budget Request

The FY 2020 Operation and Maintenance (O&M) budget funds the day-to-day expenses in support of operational requirements for all Air Force core functions. O&M resources directly support essential combat enablers such as flying operations, space and cyberspace operations, intelligence, logistics, nuclear deterrence, search and rescue, and special operations activities. O&M funds are used to operate, sustain, and maintain aircraft, weapon systems, command and control systems, and airfield and base facilities, to achieve readiness goals and to improve the working and living conditions for Air Force personnel. Additionally, this funding purchases critical supplies, equipment and fuel, funds training and development of Airmen, and is the source of pay and benefits for most civilian personnel. Table 2 displays O&M across the Total Force by component.

TABLE 2. O&M - Air Force Total Force TOA by Component

Operation and Maintenance, Air Force Total Force TOA (\$M)	FY19	FY20 PB
Active Air Force *	40,199	44,381
Air Force Reserve	3,226	3,397
Air National Guard	6,469	6,727
Space Force	0	72
Total	49,894	54,577

^{*} Active includes Environmental & WCF

FY 2020 BUDGET HIGHLIGHTS

The FY 2020 O&M budget request of \$54.6B builds on the progress made in FY 2019 to accelerate the readiness of the force, increase lethality, and cost-effectively modernize.

The Air Force is focusing on innovative ways to maintain our aging fleet through modernization of our logistics system to sustain current operational readiness while posturing for future fleet growth. This budget includes \$14.8 billion in weapon system sustainment to support our fleet. This budget continues to prioritize supply inventory, increasing our maintenance capacity, enhancing our training and proficiency, and moderating our operational tempo to help our maintainers to meet readiness goals. Additionally, the FY 2020 budget continues efforts to modernize the Air Force's Information Technology (IT) enterprise to incorporate rapidly changing technologies and transform Air Force IT data delivery management to better support our warfighter

In 2020, the Air Force is implementing an Infrastructure Investment Strategy, which maximizes our return on investment. This strategy shifts emphasis from fixing the worst facilities first, to prioritization based on mission needs and where the biggest benefits exist. Utilizing three primary lines of effort: restoring readiness to power projection platforms, cost effective modernization of infrastructure, and driving innovation to installation management we can accelerate infrastructure readiness, resilience, and modernization. The strategy will reduce cost, and allow us to maximize our \$1.3B, facility sustainment budget increase from FY 2019, enabling the optimization of our bases as power projection platforms.

Our Airmen are shifting their focus to great power competition, and we must train and equip them for the high-end fight. This budget funds recruiting and training efforts aimed at addressing critical skill shortfalls, in areas including, Special Warfare Airmen (formerly Battlefield Airmen), Intelligence, Surveillance and Reconnaissance (ISR), Remotely Piloted Aircraft (RPA), and cyber career fields. This budget also funds improvements to training ranges, simulators, and key infrastructure required to improve the quality of training to prepare for near peer competition. This budget funds an increase to the Adversary Air contract allowing pilots to focus on high-end training.



Key highlights:

- » Increases Facility, Sustainment, Restoration and Modernization \$1.3B
- » Funds peacetime flying hours to maximum executable levels; 1.1M hours / \$6.1B
- » Funds Weapon System Sustainment combat coded platforms to increase readiness
- » Continue Enterprise IT transformation to commercial services and standards
- » Invests in Special Warfare Airmen training in support of Full Spectrum Readiness \$143.0M

TABLE 3. O&M - Air Force Total Force Baseline TOA

Operation and Maintenance, Air Force Total Force TOA (\$M)	FY19	FY20 PB
Weapon System Sustainment	13,161	14,847
Mission Support	13,333	13,711
Civilian Pay	10,734	10,727
Flying Hour	5,813	6,063
Installation Support	4,083	5,048
Facility Sustainment, Restoration and Modernization	2,769	4,109
Space Force	0	72
Air Force O&M TOA Total	49,893	54,577

Numbers may not add due to rounding

The tables that follow display the funding request in different categories relevant to Active, Air National Guard and Air Force Reserve components.

O&M - ACTIVE AIR FORCE

Figure 2 depicts the FY 2020 Baseline TOA shown in Table 4 and displays the relative size of each subsection of this appropriation.

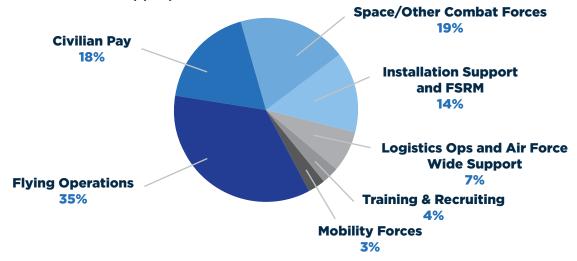


FIGURE 2. O&M - Active Air Force FY 2020 Baseline Budget Request

The FY 2020 Active Air Force Operation and Maintenance (O&M) budget funds essential combat enablers such as: intelligence, logistics, weather, air traffic control, search and rescue, airfield, runway and base facility maintenance, civilian pay, and improvements to working and living environments for Air Force personnel. This budget funds 872,552 peacetime flying hours and sustainment of a 4,132 aircraft fleet. The O&M appropriation also funds land-based nuclear and space forces, electronic warfare, irregular warfare and Intelligence, Surveillance and Reconnaissance (ISR) missions.

TABLE 4. O&M - Active Air Force TOA

Operation and Maintenance, Active Air Force TOA (\$M)	FY19	FY20 PB
Weapons System Sustainment	10,715	11,893
Mission Support	12,578	12,916
Civilian Pay	7,266	7,487
Flying Hours	3,840	4,049
Installation Support	3,448	4,442
FSRM	2,352	3,594
Space Force	0	72
Total	40,199	44,453

O&M - AIR NATIONAL GUARD

Figure 3 depicts the FY 2020 Baseline TOA shown in Table 5 and displays the relative size of each subsection of this appropriation.

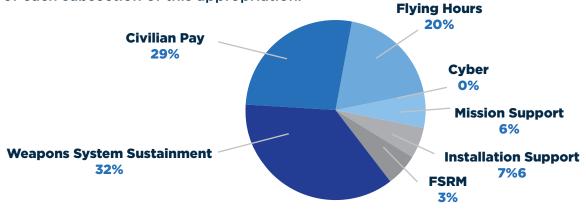


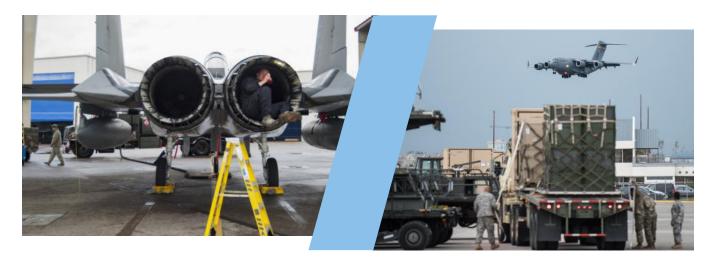
FIGURE 3. O&M - Air National Guard FY 2020 Baseline Budget Request

The Air National Guard O&M appropriation funds the flying and maintenance of ANG aircraft, and the operation of 90 wings. Our FY 2020 budget request funds 165,938 peacetime flying hours, maintains 1,050 aircraft and supports mission training of 107,700 ANG personnel.

TABLE 5. O&M - Air National Guard TOA

O&M, Air National Guard TOA (\$M)	FY19	FY20 PB
Weapons System Sustainment	1,868	2,203
Mission Support	416	404
Civilian Pay	2,183	1,928
Flying Hours	1,245	1,334
Installation Support	448	457
FSRM	309	401
Total	6,469	6,727

Numbers may not add due to rounding



O&M - AIR FORCE RESERVE

Figure 4 depicts the FY 2020 Baseline TOA shown in Table 6 and displays the relative size of each subsection of this appropriation.

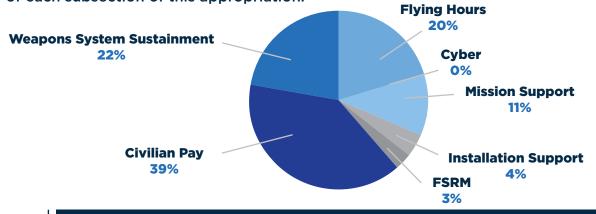


FIGURE 4. O&M - Air Force Reserve FY 2020 Baseline Budget Request

The Air Force Reserve (AFR) O&M appropriation provides funding to train units and assigned personnel for immediate mobilization. The budget request provides for the operation and training of 37 wings, 86,166 peacetime flying hours, and the maintenance of 318 aircraft. Additionally, AFR O&M funding covers Air Reserve Technician (ART) and civil service salaries and provides mission training for 70,100 Reserve personnel.

TABLE 6. O&M - Air Force Reserve TOA

O&M, Air Force Reserve TOA (\$M)	FY19	FY20 PB
Weapons System Sustainment	578	751
Mission Support	338	392
Civilian Pay	1,286	1,312
Flying Hours	729	679
Installation Support	188	148
FSRM	107	115
Total	3,226	3,397

Numbers may not add due to rounding



O&M - AIR FORCE SPACE FORCE

On June 18, 2018, President Trump directed the Department of Defense (DoD) to immediately begin the process of establishing the Space Force as the new sixth branch of the Armed Forces. The long-term vision of the DoD is to create a new Military Department for space. DoD first proposes establishing a new Military Service – a new branch of the Armed Forces – within the Department of the Air Force. Allowing the Space Force to mature before proposing a new Department of the Space Force would set the conditions for a smooth transition in the future.

Establishing a Space Force is a strategic priority to facilitate the Department's preparation for the character of warfare in the twenty-first century. A sixth branch of the Armed Forces dedicated to space would catalyze a fundamental transformation of our approach to space from that of a combat support function to a warfighting domain. Establishing a Military Service with dedicated military leadership would further build space warfighting culture; unify and focus development of space doctrine, capabilities, and expertise; and institutionalize advocacy of space priorities to provide for the common defense of all domains.

The FY20 PB resources \$72.4M for the initial stand-up of the new Space Force Headquarters as the first step toward implementing the DoD's long-term vision. Funding for the headquarters will include 160 personnel billets to establish the initial elements and proposed structure of the U.S. Space Force.

TABLE 7. O&M - Space Force TOA		
O&M, Space Force TOA (\$M)	FY19	FY20 PB
Mission Support	0	54
Civilian Pay	0	19
Total	0	72

MILITARY PERSONNEL (MILPERS)

Figure 6 depicts the FY 2020 Baseline Total Obligation Authority (TOA) request shown in Table 8 below subdivided by component.

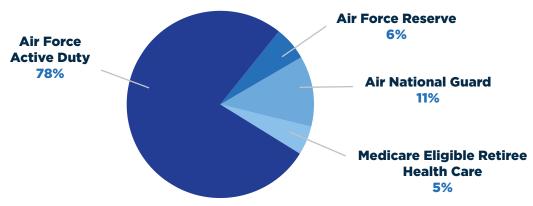


FIGURE 5. MILPERS - Total Force FY 2020 Baseline Budget Request

The FY 2020 Military Personnel (MILPERS) budget request furthers our progress in restoring readiness and increasing lethality while continuing to deliver unmatched capabilities, by growing end-strength with an additional 4,400 Total Force Military Airmen. It leverages the Active, Guard and Reserve Components to create the Total Force necessary to engage in enduring and emergent operations around the world. The Air Force takes a balanced approach to maintain core capabilities and is committed to retaining the right amount of highly skilled Airmen required to meet current and future needs of the Nation. The FY 2020 appropriation overview and end-strength growth are as follows:

- » Total Force military end-strength of 510,600; increased by 4,400 from FY 2019
- » Active component end-strength of 332,800; increased by 3,700 from FY 2019
- » ANG end-strength of 107,700; increased by 600 from FY 2019
- » AFR component end-strength of 70,100; increased by 100 from FY 2019
- » Provides 2020 calendar year increases of 3.1% for military pay, 3.4% in Basic Allowance for Housing, and 2.4% for Basic Allowance for Subsistence

TABLE 8. MILPERS - Air Force Total Force TOA

MILPERS, Air Force Total Force TOA (\$M)	FY19	FY20 PB
Air Force Active Duty	24,783	26,445
Air Force Reserve	1,839	2,016
Air National Guard	3,687	4,051
Medicare Eligible Retiree Health Care	1,570	1,674
Total	31,879	34,185

MILITARY PERSONNEL - ACTIVE AIR FORCE

Figure 6 depicts the FY 2020 Baseline TOA shown in Table 9 below subdivided into major activities.

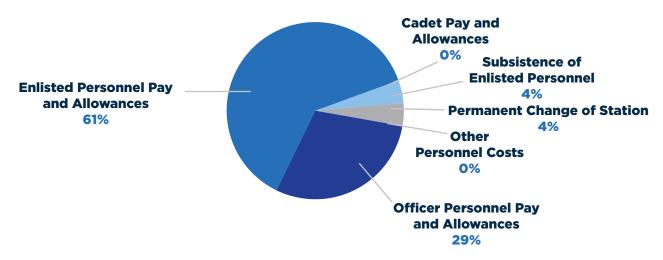


FIGURE 6. MILPERS - Active Air Force FY 2020 Baseline Budget Request

The FY 2020 Active Air Force MILPERS budgets funds an increase of 3,700 Airmen to the all-volunteer force, increasing the total from 329,100 authorized in the FY 2019 National Defense Authorization Act to 332,800 requested in FY 2020. Continued end-strength growth improves readiness and lethality by providing a more effective and affordable workforce mix. In 2020, the end-strength growth continues to close the gap in pilot production, with an additional 169 pilots increasing the annual production total to 1,480, keeping on track with future production goals. Recently authorized increases in end-strength also helped eliminate a shortage of 4,000 Active Duty maintainers, however the Air National Guard and Air Force Reserves still face maintainer-manning challenges. Additionally, to maximize the effectiveness and readiness of current forces, the Air Force is realigning military positions from support functions to critical military functions with complementary support provided by our civilian workforce in non-military essential missions.

TABLE 9. MILPERS - Active Air Force TOA

MILPERS, Air Force TOA (\$M)	FY19	FY20 PB
Officer Personnel Pay and Allowances	7,130	7,755
Enlisted Personnel Pay and Allowances	15,375	16,204
Cadet Pay and Allowances	79	81
Subsistence of Enlisted Personnel	1,006	1,170
Permanent Change of Station	1,096	1,125
Other Personnel Costs	97	110
Subtotal	24,783	26,445
Medicare-Retiree Contribution	1,204	1,282
Total	25,987	27,727

MILITARY PERSONNEL - AIR NATIONAL GUARD

Figure 7 depicts the FY 2020 Baseline TOA shown in Table 10 below subdivided into major activities.

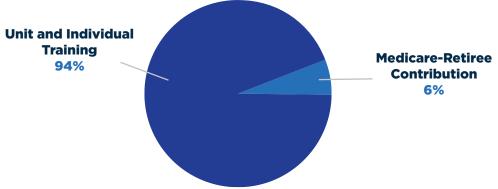


FIGURE 7. MILPERS - Air National Guard FY 2020 Baseline Budget Request

The Air National Guard MILPERS budget funds direct military compensation, including regular pay and benefits, retired pay accruals, basic allowances for subsistence and housing, recruiting and retention incentives and clothing allowances, for trained units and individual Guardsmen participating in overseas contingency operations and homeland defense. Funding also supports 15-day annual tours, 48 drill periods and active duty tours for training of selected ANG personnel in FY 2020. The budget request includes an end-strength increase of 600 personnel, including more maintenance personnel to support pilot absorption, intelligence personnel directly supporting Distributed Common Ground System units, cyber personnel for protection across Mission Defense Teams, and recruiters. These gains address critical Air Force Specialty Code shortfalls and improve overall readiness.

TABLE 10. MILPERS - Air National Guard TOA

MILPERS, Air National Guard TOA (\$M)	FY19	FY20 PB
Unit and Individual Training	3,687	4,051
Subtotal	3,687	4,051
Medicare-Retiree Contribution	235	253
Total	3,922	4,304

Numbers may not add due to rounding



MILITARY PERSONNEL - AIR FORCE RESERVE

Figure 8 depicts the FY 2020 Baseline TOA shown in Table 11 below subdivided into major activities.

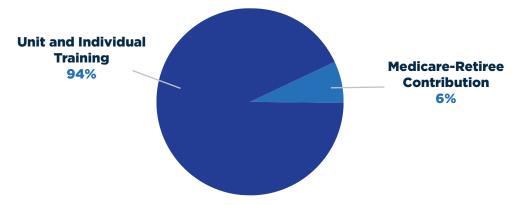


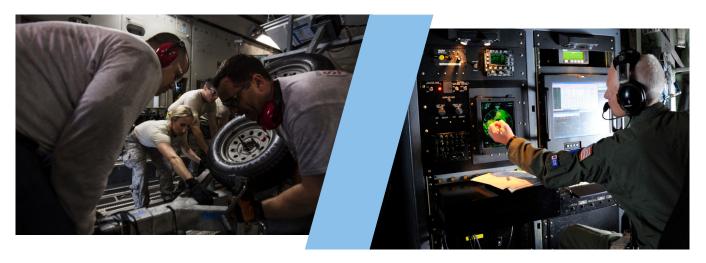
FIGURE 8. MILPERS - Air Force Reserve FY 2020 Baseline Budget Request

The Air Force Reserve (AFR) MILPERS budget funds direct military compensation, including regular pay, allowances, and benefits for trained units and individual Reservist who augment the Active component to fulfill military mission requirements. The Reserve component end-strength increases in overall size by 100 in the FY 2020 budget request, increasing positions in special operations intelligence, squadron support and space specialties. This increase continues our efforts to right size the force, strengthening our squadrons and continues readiness recovery.

TABLE 11. MILPERS - Air Force Reserve TOA

MILPERS, Air Force Reserve TOA (\$M)	FY19	FY20 PB
Unit and Individual Training	1,839	2,016
Subtotal	1,839	2,016
Medicare-Retiree Contribution	131	138
Total	1,970	2,154

Numbers may not add due to rounding



RESEARCH DEVELOPMENT TEST AND EVALUATION (RDT&E)

Figure 9 depicts the FY 2020 Baseline TOA shown in Table 12 below subdivided into major categories.

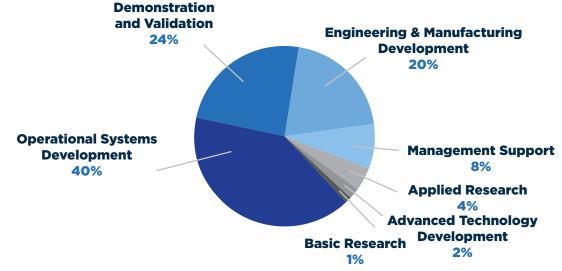


FIGURE 9. RDT&E FY 2020 Baseline Budget Request

The Research, Development, Test and Evaluation appropriation funds the following seven budget activities: basic and applied scientific research, advanced technology development, demonstration and validation, engineering and manufacturing development, operational system development, and management support. Basic research activities are scientific studies and experimentation related to long-term national security, while Applied research is the systematic study to understand how to meet specific national security requirements. The Advanced Technology and Development activities include the integration of subsystems and components into prototypes for field experiments and tests in a simulated environment. The Advanced Technology Development and Prototype Analysis activities involve efforts that expedite subsystem maturity prior to integration into major systems, and may include risk reduction initiatives. The Demonstration and Validation activities conduct engineering and manufacturing of developing tasks to meet validated requirements prior to full-rate production. The Management and Support activities fund administration of RDT&E activities to sustain, and modernize installations or operations. Finally, the Operational Systems Development activities include efforts to upgrade fielded systems, or systems approved for full rate production, with funding anticipated within two fiscal years.

TABLE 12. RDT&E TOA

RDT&E TOA (\$M)	FY19	FY20 PB
Operational Systems Development	12,920	14,306
Demonstration and Validation	6,626	8,436
Engineering & Manufacturing Development	5,454	6,929
Management Support	2,963	2,917
Applied Research	1,481	1,436
Advanced Technology Development	929	839
Basic Research	561	530
Total	30,933	35,393

Numbers may not add due to rounding

Faced with an eroding technological advantage in an international environment of great power competition, the FY 2020 budget invests heavily in innovation by funding game-changing technologies, the modernization of our nuclear force, and the transformation of major space capabilities to better perform in a contested environment. The FY 2020 request continues development of the B-21 Raider Long Range Strike Bomber and Global Positioning System III Follow On, and increases funding for the VC-25B Presidential Aircraft Recapitalization (PAR) to replace the aging VC-25A, commonly known as Air Force One. Additionally, funding continues the Next Generation Air Dominance Study, an operational system study to advance air superiority through capability improvements to maintain our lethal edge against global threats. Finally, the FY 2020 budget request funds the Advanced Pilot Trainer, new training aircraft, and ground based training systems aimed to restore readiness by replacing aging training aircraft, simulators, academics, and computer based training systems.

The FY 2020 budget request increases developmental prototyping efforts, essential to understand requirements, inform critical utility decisions, evaluate technical feasibility, and to expedite fielding of capabilities to the warfighter. The Air Force has prototyping efforts in adaptive engines, hypersonics, space capabilities, cyber/electronic warfare, and low-cost aircraft technologies. The Air Force also continues to explore Light Attack Aircraft options as a cost-effective replacement for sustaining counterterrorism and irregular warfare missions. Additionally, funding continues development and engineering for the Long Range Stand Off Missile system capable of delivering a nuclear effect on strategic targets and invests in the Ground Based Strategic Deterrent to continue Inter-continental Ballistic Missile modernization and mitigate ground-based deterrent degradation.

The FY 2020 budget accelerates our efforts to move to a defendable space posture, which is critical as our adversaries continue to develop capabilities to counter our advantages in space. This budget invests in the survivable and resilient Next Generation Overhead Persistent Infrared system and continues modernization of our GPS satellites communications systems and space warfighting enterprise.

FY 2020 BUDGET HIGHLIGHTS

The table below summarizes the major developments funded in this request.

TABLE 13. Significant RDT&E Programs

Program Highlights \$ Millions		
	FY19	FY20 PB
Aircraft		
B-21	2,279	3,004
PAR	658	758
F-35A Capability Develop & Deliv	504	794
Advanced Pilot Trainer (T-X)	246	348
Space		
Next-Gen OPIR	643	1,395
Nuclear		
Long Range Stand Off Missile	665	713
Ground Based Strategic Deterrent	414	570
Other		
Next Generation Air Dominance	430	1,000
Hypersonics Prototyping	509	576

PROCUREMENT

Figure 10 depicts the FY 2020 Baseline TOA shown in Table 14 below subdivided into major activities.

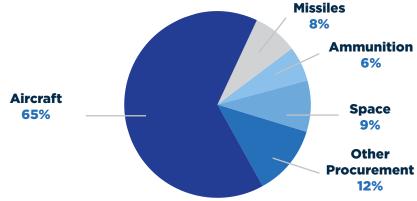


FIGURE 10. Procurement FY 2020 Baseline Budget Request

The Procurement portfolio delivers both immediate and future capabilities through investment across four specific appropriations: Aircraft, Space, Missile, and Other Procurement. The Air Force seeks to satisfy national security requirements by investing in more lethal and cost-effective capabilities, as well as modernization and recapitalization efforts. To meet those needs, the FY 2020 budget request funds 5th generation aircraft such as the F-35A, and invests in modernizing the refueling fleet with the KC-46A. The following pages discuss the procurement appropriations in more detail.

TABLE 14. Procurement TOA

Procurement TOA (\$M)	FY19	FY20 PB
Aircraft	17,084	16,750
Space	2,329	2,414
Missile	1,718	2,040
Ammunition	1,486	1,668
Other Procurement	3,396	3,050
Total	26,013	25,922

Numbers may not add due to rounding



PROCUREMENT - AIRCRAFT

Figure 11 depicts the FY 2020 Baseline TOA shown in Table 15 subdivided into major categories.

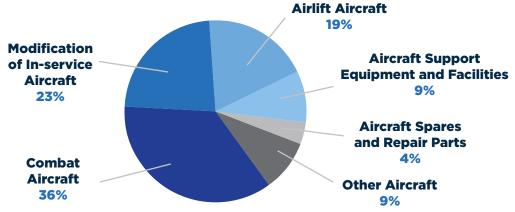


FIGURE 11. Aircraft Procurement FY 2020 Baseline Budget Request

Aircraft Procurement funds acquisition and modification of aircraft, ground support equipment, training devices, and spare parts. The Air Force remains committed to the F-35 with its game-changing technology and this FY 2020 budget continues the procurement of 48 F-35A Joint Strike Fighters each year. However, to remain ready to perform in all domains, across the spectrum of conflict, this budget proposes procurement of 8 F-15EX aircraft to replace aging F-15Cs and continues modernization of F-22A, F-15, and F-16 aircraft.



Our aerial refueling capability underwrites the global nature of Air Force power and enables the rapid deployment of aircraft and resources. The FY 2020 budget request funds the procurement of an additional 12 KC-46A tankers. Our budget request supports personnel recovery and special operations through procurement of 8 MC-130J aircraft and 12 HH-60W Combat Rescue Helicopters to replace and augment aging fleets of combat HC-130P/N, special operations MC-130E/H/P/W, and HH-60G helicopters.

SECTION 3

The Air Force must retain a technological edge by equipping our Airmen with highly advanced and lethal tools to prevail in the high-end fight. This budget continues investment in command and control (C2) modernization, by improving engine, cockpit and communication systems of the E-3 Airborne Warning Command and Control aircraft (AWACS) fleet. The budget also funds procurement of an EC-37B Compass Call rehost, as well as, modifications to digital narrow band, counter radar subsystems, and the next generation special purpose emitter array (SPEAR) sub-system.

As the Air Force prepares for near-peer conflict, our capabilities remain in high demand. The Air Force continues to invest in Intelligence, Surveillance and Reconnaissance (ISR), procuring 12 medium-altitude MQ-9A Reapers in 2020. To maintain intelligence collection parity across a range of military operations the budget funds upgrades to the RQ-4 Global Hawk and RC-135 Rivet Joint.

The table below summarizes funding for Aircraft Procurement by budget activity.

TABLE 15. Procurement, Aircraft TOA

Procurement, Aircraft TOA (\$M)	FY19	FY20 PB
Combat Aircraft	5,392	5,980
Modification of In-service Aircraft	3,931	3,854
Airlift Aircraft	4,008	3,158
Aircraft Support Equipment and Facilities	1,709	1,568
Aircraft Spares and Repair Parts	821	708
Other Aircraft	1,224	1,482
Total	17,084	16,750

Numbers may not add due to rounding



PROCUREMENT - SPACE

Figure 12 depicts the FY 2020 Baseline TOA shown in Table 16 below subdivided into major

categories.

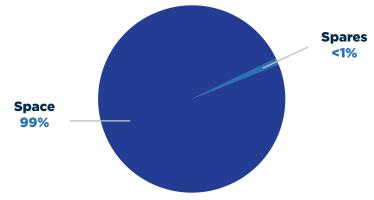


FIGURE 12. Space Procurement FY 2020 Baseline Budget Request

The Space Procurement appropriation funds acquisition of spacecraft and terminals, ground control systems, and related communications security products. This procurement budget further accelerates our efforts to protect and defend our ability to operate in space. The FY 2020 budget funds four launch services for the National Security Space Launch program. Additionally, FY 2020 procures the first GPS III follow-on satellite.

The FY 2020 Space Procurement Appropriation Baseline TOA is shown in Table 16 below.

Procurement, Space TOA (\$M)	FY19	FY20 PB
Space	2,313	2,407
Space Spares ¹	17	7
Total	2,329	2,414

Numbers may not add due to rounding ¹ Space Procurement Spares began in FY 17



PROCUREMENT - MISSILE

Figure 13 depicts the FY 2020 Baseline TOA shown in Table 17 below subdivided into major categories.

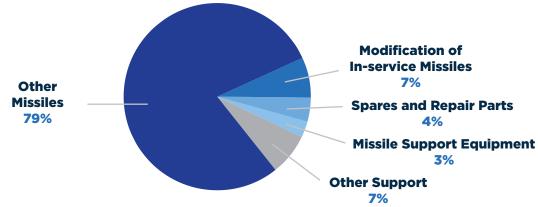


FIGURE 13. Missile Procurement FY 2020 Baseline Budget Request

The Missile Procurement appropriation funds acquisition and modification of missiles, spare parts, and support equipment. The FY 2020 budget funds preferred munitions to industrial production capacity, emphasizing those munitions most relevant to the high-end fight. In FY 2020, to supply current operations and replenish stockpiles the Air Force will increase procurement of Small Diameter Bombs (SDB), SDB-I to 7,078, SDB-II to 1,175, and Joint Air-to-Surface Standoff Missile-Extended Range (JASSM-ER) to 430. The Air Force continues to procure Predator Hellfire air-to-ground missiles designed to launch from aircraft at targets on land or sea. The Air Force will also procure 355 AIM-9X Sidewinder and 220 AIM-120D Advanced Medium-Range Air-to-Air Missiles (AMRAAM) to sustain the Air Force's air dominance and global precision attack capabilities.

TABLE 17. Procurement, Missile TOA

Procurement, Missile TOA (\$M)	FY19	FY20 PB
Other Missiles	1,226	1,607
Modification of In-service Missiles	192	148
Spares and Repair Parts	97	84
Missile Support Equipment	14	56
Other Support	189	145
Total	1,718	2,040

PROCUREMENT - AMMUNITION

Figure 14 depicts the FY 2020 Baseline TOA shown in Table 18 below subdivided into major categories.

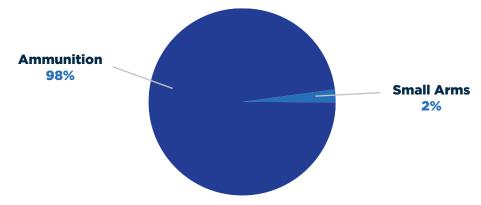


FIGURE 14. Ammunition Procurement FY 2020 Baseline Budget Request

The Ammunition Procurement appropriation funds procurement, production, and modification of ammunition. The portfolio primarily supports the Global Strike core function and includes ammunition, rockets, bombs, flares, fuses, cartridges, and related training devices. This budget maximizes munitions acquisitions critical to the high-end fight, which includes procurement of 37,000 Joint Direct Attack Munition (JDAM) and 5,400 Advanced Precision Kill Weapon System (APKWS). These weapons improve lethality through greater precision, reduced collateral damage, and increased standoff range to enhance crew survivability.

TABLE 18. Procurement, Ammunition TOA

Procurement, Ammunition TOA (\$M)	FY19	FY20 PB
Ammunition	1,421	1,630
Small Arms	65	37
Total	1,486	1,668



PROCUREMENT - OTHER

Figure 15 depicts the FY 2020 Baseline TOA shown in Table 19 below subdivided into major categories.

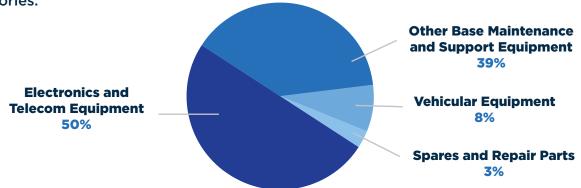


FIGURE 15. Other Procurement FY 2020 Baseline Budget Request

The Other Procurement appropriation funds the purchase and modification of ground electronic systems, information systems and physical security systems, in addition to communication and base support equipment, and vehicles. FY 2020 focuses on modernizing and replacing equipment to support improved communications in Multi-Domain Operations to build a more lethal and ready force.

FY 2020 improves our cyberspace capabilities by strengthening our network operations by providing increased cyber mission assurance with proactive defense activities and increased network situational awareness. To address emerging cyber threats the Air Force is upgrading the mainstay of the cyberspace network, the Base Information Transport Infrastructure (BITI), on 33 Active, Guard, and Reserve sites. We are also increasing protection of personnel, nuclear assets, and facilities through the Base Physical Security Systems (BPSS) program. To address evolving adversarial threats to Air Force assets in FY 2020 this budget funds procurement of Counter-Small Unmanned Aircraft System (C-sUAS) capabilities and Integrated Base Defense Security Systems (IBDSS).

The Air Force continues to field the upgrade of the Minimum Essential Emergency Communications Network (MEECN), which provides effective, protected communications between the President and the strategic deterrence forces in stressed environments. This budget continues the procurement of the Battlefield Airborne Communications Node (BACN) which enables interoperability of systems and real-time information flow, strengthening our alliances and critical to operations in the joint environment.

TABLE 19. Procurement, Other TOA

Procurement, Other TOA (\$M)	FY19	FY20 PB
Electronics and Telecom Equipment	1,386	1,538
Other Base Maintenance and Support Equipment	1,586	1,199
Vehicular Equipment	337	231
Spares and Repair Parts	86	81
Total	3,396	3,050

MILITARY CONSTRUCTION (MILCON)

Figure 16 depicts the FY 2020 Baseline TOA shown below in Table 20 below subdivided by component.

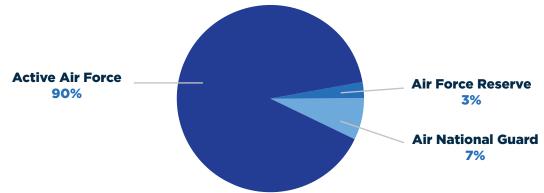


FIGURE 16. MILCON FY 2020 Baseline Budget Request

Resilient installations are a critical component of Air Force operations because infrastructure is the backbone of the Air Force's power projection and readiness-building platform because we fight from out bases. The Air Force continues to prioritize Military Construction (MILCON) investments to ensure critical infrastructure requirements meet mission needs and operational timelines. The Air Force's FY 2020 MILCON budget request contains \$2.3B for Military Construction, approximately \$400M more than the FY 2019 enacted funding. These resources will fund infrastructure for existing missions, Combatant Commander priorities, and new weapon system beddowns.

TABLE 20. MILCON TOA

MILCON TOA (\$M)	FY19	FY20 PB
Active Air Force	1,537	2,058
Air Force Reserve	123	60
Air National Guard	183	166
Total	1,843	2,284

Numbers may not add due to rounding



MILCON - ACTIVE AIR FORCE

The FY 2020 Active Air Force MILCON budget request addresses infrastructure needs for existing missions, Combatant Commanders' highest construction priorities, and supports new mission beddowns. In total, the Air Force's FY 2020 budget request represents a balanced approach to ensure critical infrastructure requirements meet mission needs and operational timelines.

In FY 2020 the Air Force will recapitalize and consolidate several existing facilities (\$5.5M) on Minot AFB, North Dakota to improve nuclear deterrence through quicker crew response and security support for the ICBM missile alert and launch sites. Additionally, the FY 2020 budget request provides funding for the construction of a UH1-N Replacement Facility (\$22.4M) at Kirtland AFB, New Mexico, a Weapons Generation Facility (\$235.0M) at Malmstrom AFB, Montana.

This budget proposal includes funds to modernize our existing live and virtual ranges and infrastructure to provide relevant and realistic training capabilities against our most advanced threats. This request funds the C-130H/J Fuselage Trainer Facility (\$47.0M) at Little Rock AFB, Arkansas, the Special Warfare Aquatic Training Center (\$69.0M) and a Basic Military Training Dormitory (\$110.0M) at Joint Base San Antonio, Texas.

The FY 2020 budget request supports Combatant Command MILCON requirements, particularly in the Indo-Pacific Region, and funds the limited beddown of new missions. In support of weather diverts and to comply with DoD's standards in the Indo-Pacific region, the FY 2020 budget funds construction of a Parking Apron (\$98.0M), fuel tanks with a pipeline/hydrant system (\$109.0M) and Phase 1 of airfield development (\$109.0M) on the island of Tinian, part of the Mariana Islands. Additionally, the budget funds construction of jet fuel storage tanks (\$59.0M) in Australia, fuel receipt and distribution tanks (\$12.4M) on Yokota AFB, Japan and the third of three planned Munitions Storage Igloos (\$65.0M) at Andersen AFB, Guam. These efforts support the munitions beddown and transition of requirements in the Indo-Pacific Area of Operations.

The budget supports the beddown of the Ground Based Strategic Deterrent (GBSD) Mission Integration Facility (\$108.0M) at Hill AFB, Utah a new mission within the nuclear enterprise. The budget also funds new construction of a covered F-35A Munitions Assembly Storage Facility (\$8.6M) at Nellis AFB, Nevada to facilitate live-fire combat employment training. Additionally, this budget provides funds (\$86.0M) for construction of the Presidential Aircraft Recapitalization Complex (total project cost: \$254.0M) at Joint Base Andrews, Maryland, which includes a large aircraft hangar, aircraft access taxiway and parking apron.

The Air Force continues to closely partner with industry and allies to further technologies and to determine the best strategy going forward. The Air Force's FY 2020 budget request funds for construction of the Massachusetts Institute of Technology - Lincoln Laboratory (MIT-LL) research infrastructure, consolidating the distributed compound semiconductor and advanced packaging laboratories into a single purpose-built facility (\$135.0M). This project will enhance our ability to design, fabricate and field advanced electronic prototypes to enable a wide range of missions imperative to national security.

FY 2020 BUDGET HIGHLIGHTS

The Active Air Force FY 2020 budget request is summarized in Table 21, while a comprehensive MILCON project list is included in Table 24.

TABLE 21. MILCON, Active Air Force TOA

MILCON, Air Force Active TOA (\$M)	FY19	FY20 PB
Major Construction	1,301	1,837
Minor Construction	39	80
Planning and Design	198	142
Total	1,537	2,058

Numbers may not add due to rounding



MILCON - AIR NATIONAL GUARD

The FY 2020 Air National Guard (ANG) MILCON budget request includes projects for vital recapitalization requirements, combatant command support and supports force structure and mission realignments. Air National Guard recapitalization efforts include a new hangar and maintenance shops to support the Consolidated Joint Air Dominance Center (\$24.M) at Savannah International Airport, Georgia and recovery projects (\$50.0M) at Luis Munoz International Airport, Puerto Rico to replace hangar and communications facilities destroyed in 2017 by Hurricane Maria. A new alert shelter (\$20.0M) at Truax Field, Wisconsin will allow the Guard to provide necessary combatant command support to NORTHCOM and a new F-35 flight simulator facility (\$14.0M) at the same location furthers progress to operate F-35s at that location. Finally, to support a mission realignment at Rosecrans Memorial Airport, Missouri, this budget funds construction of a C 130 flight simulator facility.

TABLE 22. MILCON, Air National Guard TOA

MILCON, Air National Guard TOA (\$M)	FY19	FY20 PB
Major Construction	141	118
Minor Construction	24	31
Planning and Design	19	17
Total	183	166

Numbers may not add due to rounding

MILCON - AIR FORCE RESERVE

The FY 2020 Air Force Reserve (AFR) MILCON budget funds our priority requirement, the Consolidated Mission Complex Phase 3 (\$43.0M), which supports current mission beddowns at Robins AFB, Georgia.

TABLE 23. MILCON, Air Force Reserve TOA

MILCON, Air Force Reserve TOA (\$M)	FY19	FY20 PB
Major Construction	115	43
Minor Construction	3	12
Planning and Design	4	5
Total	123	60

Numbers may not add due to rounding

FY 2020 BUDGET HIGHLIGHTS

TABLE 24. Worldwide Base MILCON Project List

Alaska Elelson F-35A Storage Facility 47,000 Australia RAAF Tindal Jet Fuel Storage Taniner Facility 47,000 Australia RAAF Tindal Jet Fuel Storage Taniner Facility 59,000 Australia RAAF Tindal Earth Covered Magazime 51,000 California Travis KC-46A Alter BIBI/BIBS/BIBS/BIB7 Squadron Operations 6,600 California Travis KC-46A Regional Maintenance Training Facility 19,500 Colorado Schriever Consolidated Space Operations Facility 148,000 Cyprus RAF Akrotiri Dormitory 27,000 Gum Andersen Munitions Storage Igloos Phase 3 65,000 Illinois Scott Joint Operations and Mission Planning Center 100,000 Japan Yokota Fuel Receipt and Distribution Upgrade 12,400 Jordan Muwaffaq-Salti AB Air Traffic Control Center 24,000 Mariana Islands Tinian Parking Apron 98,000 Mariana Islands Tinian Air Traffic Control Tower 109,000 Mariana Islands Tinian Air Traffic Control Tower 109,000 Maryland Andrews Presidential Aircraft Recap Complex 86,000 Massachusetts Hanscom MIT-Lincoln Laboratory (West Lab CSL/MIF) 135,000 Massachusetts Hanscom MIT-Lincoln Laboratory (West Lab CSL/MIF) 135,000 Mavada Nellis F-35A Munitions Assembly Conveyor Facility 235,000 Newada Nellis Good Newada Nellis	State/Country	Installation	Project	FY20 Request (\$K)
Australia RAAF Tindal RAAF Tindal Earth Covered Magazine (California Travis KC-46A Alter B181/B185/B187 Squadron Operations 6,600 California Travis KC-46A Alter B181/B185/B187 Squadron Operations 6,600 California Travis KC-46A Alter B181/B185/B187 Squadron Operations 6,600 Colorado Schriever Consolidated Space Operations Facility 148,000 Cyprus RAF Akrotiri Dormitory 27,000 Cyprus RAF Akrotiri Dormitory 27,000 Clilinois Scott Joint Operations and Mission Planning Center 100,000 Illinois Scott Joint Operations and Mission Planning Center 100,000 Japan Yokota Fuel Receipt and Distribution Upgrade 12,400 Jordan Muwaffaq-Salti AB Air Traffic Control Center 24,000 Jordan Muwaffaq-Salti AB Munitions Storage Area 42,000 Mariana Islands Tinian Parking Apron 98,000 Mariana Islands Tinian Air Traffic Control Tower 109,000 Mariana Islands Tinian Air Traffic Control Tower 109,000 Maryland Andrews Presidential Aircraft Recap Complex 86,000 Massachusetts Hanscom MIT-Lincoln Laboratory (West Lab CSL/MIF) 135,000 Montana Malmstrom Weapons Storage and Maintenance Facility 235,000 Nevada Nellis F-35A Munitions Assembly Conveyor Facility 32,000 Nevada Nellis F-35A Munitions Assembly Conveyor Facility 57,000 New Mexico Kirtland Combat Rescue Helicopter Simulator 15,500 New Mexico Kirtland UH-1 Replacement Facility 55,000 New Mexico Kirtland UH-1 Replacement Facility 19,000 Texas JB San Antonio Battlefield Airman Aquatical Missile Facility 19,000 Texas JB San Antonio Battlefield Airman Aquatic Training Facility 19,000 Texas JB San Antonio Halli GBSD Mission Integration Facility 108,000 Utah Hill Joint Advanced Tactical Missile Facility 19,000 Washington Fairchild Consolidated Facility 108,000 Utah Hill Joint Advanced Tactical Missile Facility 118,000 Washington Fairchild Consolidated Joint Air Dominance Hangar/Shops 9,000 W	Alaska	Eielson	F-35A Storage Facility	8,600
Australia RAAF Tindal Earth Covered Magazine 11,600 California Travis KC-46A Alter B181/B185/B187 Squadron Operations 6,600 California Travis KC-46A Regional Maintenance Training Facility 19,500 Colorado Schriever Consolidated Space Operations Facility 148,000 Cyprus RAF Akrotiri Dormitory 27,000 Guam Andersen Munitions Storage Igloos Phase 3 65,000 Illinois Scott Joint Operations and Mission Planning Center 100,000 Japan Yokota Fuel Receipt and Distribution Upgrade 12,400 Jordan Muwaffaq-Salti AB Air Traffic Control Center 24,000 Mariana Islands Tinian Parking Apron 98,000 Mariana Islands Tinian Air Traffic Control Tower 109,000 Mariana Islands Tinian Air Traffic Control Tower 109,000 Maryland Andrews Presidential Aircraft Recap Complex 86,000 Marsasachusetts Hanscom MIT-Lincoln Laboratory (West Lab CSL/MIF) 135,000 Montana Malmstrom Weapons Storage and Maintenance Facility 235,000 Mevada Nellis 75,000 New Mexico Kirtland Unt-1 Replacement Facility 5,000 New Mexico Kirtland Unt-1 Replacement Facility 5,500 Texas JB San Antonio Basic Military Training System Simulator 9,300 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Washington Feli Will Gelson North Pacific Marianing System Simulator 9,300 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Washington Feli Will Gelson North Military Consolidated Squadron Operations /TRF Alert Facility 18,000 Washington Feli Will Gelson North Military Consolidated Squadron Operations /TRF Alert Facility 18,000 Washington Various	Arkansas	Little Rock	C-130H/J Fuselage Trainer Facility	47,000
California Travis KC-46A Alter BIBI/BI85/BI87 Squadron Operations 6,600 California Travis KC-46A Regional Maintenance Training Facility 19,500 Colorado Schriever Consolidated Space Operations Facility 148,000 Cyprus RAF Akrotiri Dormitory 27,000 Guam Andersen Munitions Storage Igloos Phase 3 65,000 Illinois Scott Joint Operations and Mission Planning Center 100,000 Japan Yokota Fuel Receipt and Distribution Upgrade 12,4000 Jordan Muwaffaq-Salti AB Air Traffic Control Center 24,000 Jordan Muwaffaq-Salti AB Munitions Storage Area 42,000 Mariana Islands Tinian Parking Apron 98,000 Mariana Islands Tinian Parking Apron 109,000 Mariana Islands Tinian Parking Apron 109,000 Mariana Islands Tinian Parking Apron 109,000 Maryland Andrews Presidential Aircraft Recap Complex 86,000 Maryland Andrews Presidential Aircraft Recap Complex 86,000 Massachusetts Hanscom MIT-Lincoln Laboratory (West Lab CSL/MIF) 155,000 Montana Malmstrom Weapons Storage and Maintenance Facility 255,000 New Maxico Kirtland Welis F-35A Munitions Assembly Conveyor Facility 57,000 New Mexico Kirtland UH-1 Replacement Facility 224,000 New Mexico Kirtland UH-1 Replacement Facility 5,500 New Mexico Kirtland UH-1 Replacement Facility 19,000 Texas JB San Antonio T-X Training System Centralized Training Facility 19,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Te	Australia	RAAF Tindal	Jet Fuel Storage Tanks	59,000
California Travis KC-46A Regional Maintenance Training Facility 19,500 Colorado Schriever Consolidated Space Operations Facility 148,000 Cyprus RAF Akrotiri Dormitory 27,000 Guam Andersen Munitions Storage Igloos Phase 3 65,000 Illinois Scott Joint Operations and Mission Planning Center 100,000 Japan Yokota Fuel Receipt and Distribution Upgrade 12,400 Jordan Muwaffaq-Salti AB Air Traffic Control Center 24,000 Jordan Muwaffaq-Salti AB Munitions Storage Area 42,000 Mariana Islands Tinian Parking Apron 98,000 Mariana Islands Tinian Praking Apron 98,000 Mariana Islands Tinian Air Traffic Control Tower 109,000 Mariana Islands Tinian Presidential Aircraft Recap Complex 86,000 Marsah Islands Tinian Presidential Aircraft Recap Complex 86,000 Massachusetts Hanscom MIT-Lincoln Laboratory (West Lab CSL/MIF) 135,000 Montana Malmstrom Weapons Storage and Mintenance Facility 235,000 Nevada Nellis F-35A Munitions Assembly Conveyor Facility 8,200 Nevada Nellis 7-35A Munitions Assembly Conveyor Facility 8,200 New Mexico Kirtland Combat Rescue Helicopter Simulator 15,500 New Mexico Kirtland UH-1 Replacement Facility 22,400 North Dakota Minot Consolidated Helo/TRF Alert Facility 5,500 Texas JB San Antonio T-X Ground Based Training System Simulator 9,300 Texas JB San Antonio Battlefield Airmen Aquatic Training Facility 6,500 Texas JB San Antonio Battlefield Airmen Aquatic Training Facility 10,000 Texas JB San Antonio Battlefield Airmen Aquatic Training Facility 10,000 Texas JB San Antonio GBSD Mission Integration Facility 10,000 Texas JB San Antonio GBSD Mission Integration Facility 10,000 Texas JB San Antonio T-X Ground Based Training System Simulator 10,000 Texas JB San Antonio GBSD Mission Integration Facility 10,000 Texas JB San Antonio Battlefield Airmen Aquatic Training Facility 10,000 Texas JB San Antonio GBSD Mission Integration Facility 10,000 Texas JB San Antonio GBSD Mission Integration Facility 10,000 Texas JB San Antonio GBSD Mission Integration Facility 10,000 Texas JB San Antonio GBSD Mission Integration Facility 10	Australia	RAAF Tindal	Earth Covered Magazine	11,600
Colorado Schriever Consolidated Space Operations Facility 148,000 Cyprus RAF Akrotiri Dormitory 27,000 Guam Andersen Munitions Storage Igloos Phase 3 65,000 Illinois Scott Joint Operations and Mission Planning Center 100,000 Japan Yokota Fuel Receipt and Distribution Ugrade 12,400 Jordan Muwaffaq-Salti AB Air Traffic Control Center 24,000 Jordan Muwaffaq-Salti AB Munitions Storage Area 42,000 Mariana Islands Tinian Parking Apron 98,000 Mariana Islands Tinian Air Traffic Control Tower 109,000 Mariana Islands Tinian Fuel Tanks with Receipt Pipeline and Hydrant 109,000 Maryland Andrews Presidential Aircraft Recap Complex 86,000 Massachusetts Hanscom MIT-Lincoln Laboratory (West Lab CSL/MIF) 135,000 Montana Malmstrom Weapons Storage and Maintenance Facility 235,000 Nevada Nellis 56,500 New Mexico Kirtland Weapons Storage and Maintenance Facility 57,000 New Mexico Kirtland Combat Rescue Helicoper Simulator 15,500 New Mexico Kirtland UH-1 Replacement Facility 5,000 New Mexico Kirtland UH-1 Replacement Facility 5,500 New Mexico Kirtland UH-1 Replacement Facility 5,500 Texas JB San Antonio T-X Ground Based Training System Simulator 9,300 Texas JB San Antonio Batifefield Airmen Aquatic Training Facility 69,000 Texas JB San Antonio Batifefield Airmen Aquatic Training Facility 69,000 Utah Hill GBSD Mission Integration Facility 108,000 Woshington Fairchild Consolidated Squaron Operations /TRF Alert Facility 18,000 Woshington Fairchild Consolidated Squaron Operations /TRF Alert Facility 18,000 Worldwide Unspecified Various Worldwide Locations Unspecified Minor Military Construction 9,682 Worldwide Unspecified Various Worldwide Locations Planning Session Hegarated Base Operations 79,682 Worldwide Unspecified Various Worldwide Locations Planning & Sesona Memorial Airport Consolidated Squaron Operations /TRF Alert Facility 9,550	California	Travis	KC-46A Alter B181/B185/B187 Squadron Operations	6,600
Cyprus RAF Akrotiri Dormitory 27,000 Guam Andersen Munitions Storage Igloos Phase 3 65,000 Japan Yokota Joint Operations and Mission Planning Center 100,000 Japan Yokota Fuel Receipt and Distribution Upgrade 12,400 Jordan Muwaffaq-Salti AB Air Traffic Control Center 24,000 Mariana Islands Muwaffaq-Salti AB Munitions Storage Area 42,000 Mariana Islands Tinian Parking Apron 98,000 Mariana Islands Tinian Air Traffic Control Tower 109,000 Mariana Islands Tinian Air Traffic Control Tower 109,000 Mariana Islands Tinian Air Traffic Control Tower 109,000 Maryland Andrews Presidential Aircraft Recap Complex 86,000 Massachusetts Hanscom MIT-Lincoln Laboratory (West Lab CSL/MIF) 135,000 Montana Malmstrom Weapons Storage and Maintenance Facility 235,000 Nevada Nellis F-35A Munitions Assembly Conveyor Facility 255,000 Nevada Nellis 55,000 New Mexico Kirtland Combat Rescue Helicopter Simulator 15,500 New Mexico Kirtland UH-1 Replacement Facility 22,400 North Dakota Minot Consolidated Helo/TRA Plet Facility 5,500 Texas JB San Antonio T-X Ground Based Training System Simulator 9,300 Texas JB San Antonio Basic Military Training System Centralized Training Facility 6,500 Utah Hill GBS Mission Integration Facility 10,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Trainin	California	Travis	KC-46A Regional Maintenance Training Facility	19,500
Guam Andersen Munitions Storage Igloos Phase 3 65,000 Illinois Scott Joint Operations and Mission Planning Center 100,000 Japan Yokota Fuel Receipt and Distribution Upgrade 12,400 Jordan Muwaffaq-Salti AB Air Traffic Control Center 24,000 Jordan Muwaffaq-Salti AB Munitions Storage Area 42,000 Mariana Islands Tinian Parking Apron 98,000 Mariana Islands Tinian Air Traffic Control Tower 109,000 Mariana Islands Tinian Air Traffic Control Tower 109,000 Mariana Islands Tinian Fuel Tanks with Receipt Pipeline and Hydrant 109,000 Maryland Andrews Presidential Aircraft Recap Complex 86,000 Maryland Andrews Presidential Aircraft Recap Complex 86,000 Marsachusetts Hanscom MIT-Lincoln Laboratory (West Lab CSL/MIF) 135,000 Montana Malmstrom Weapons Storage and Maintenance Facility 235,000 Nevada Nellis 365th Inteligence Survey Recon Facility 57,000 New Mexico Kirtland Combat Rescue Helicopter Simulator 15,500 New Mexico Kirtland UH-1 Replacement Facility 57,000 New Mexico Kirtland UH-1 Replacement Facility 5,500 Texas JB San Antonio T-X Training System Carlailized Training Facility 19,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Mil	Colorado	Schriever	Consolidated Space Operations Facility	148,000
Illinois Scott Joint Operations and Mission Planning Center 100,000 Japan Yokota Fuel Receipt and Distribution Upgrade 12,400 Jordan Muwaffaq-Salti AB Air Traffic Control Center 24,000 Jordan Muwaffaq-Salti AB Munitions Storage Area 42,000 Mariana Islands Tinian Parking Apron 109,000 Mariana Islands Tinian Parking Apron 109,000 Mariana Islands Tinian Fuel Tanks with Receipt Pipeline and Hydrant 109,000 Mariana Islands Tinian Fuel Tanks with Receipt Pipeline and Hydrant 109,000 Maryland Andrews Presidential Aircraft Recap Complex 86,000 Massachusetts Hanscom MIT-Lincoln Laboratory (West Lab CSL/MIF) 135,000 Montana Malmstrom Weapons Storage and Maintenance Facility 235,000 Nevada Nellis F-35A Munitions Assembly Conveyor Facility 8,200 Nevada Nellis F-35A Munitions Assembly Conveyor Facility 57,000 New Mexico Kirtland Combat Rescue Helicopter Simulator 15,500 New Mexico Kirtland UH-1 Replacement Facility 5,000 New Mexico Kirtland UH-1 Replacement Facility 5,500 Texas JB San Antonio T-X Ground Based Training System Simulator 9,300 Texas JB San Antonio Basic Military Training Recruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Paceruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Paceruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 10,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 10,000 Texas JB San Antonio	Cyprus	RAF Akrotiri	Dormitory	27,000
Illinois Scott Joint Operations and Mission Planning Center 100,000 Japan Yokota Fuel Receipt and Distribution Upgrade 12,400 Jordan Muwaffaq-Salti AB Air Traffic Control Center 24,000 Jordan Muwaffaq-Salti AB Munitions Storage Area 42,000 Mariana Islands Tinian Parking Apron 98,000 Mariana Islands Tinian Air Traffic Control Tower 109,000 Mariana Islands Tinian Fuel Tanks with Receipt Pipeline and Hydrant 109,000 Maryland Andrews Presidential Aircraft Recap Complex 86,000 Marsackusetts Hanscom MIT-Lincoln Laboratory (West Lab CSL/MIF) 135,000 Montana Malmstrom Weapons Storage and Maintenance Facility 235,000 Nevada Nellis F-35A Munitions Assembly Conveyor Facility 5,7000 New Mexico Kirtland Combat Rescue Helicopter Simulator 15,500 New Mexico Kirtland Combat Rescue Helicopter Simulator 15,500 New Mexico Kirtland UH-1 Replacement Facility 5,000 New Mexico Minot Consolidated Helo/TRF Alert Facility 5,500 Texas JB San Antonio T-X Training System Simulator 9,300 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB	Guam	Andersen	Munitions Storage Igloos Phase 3	65.000
Japan Yokota Fuel Receipt and Distribution Upgrade 12,400 Jordan Muwaffaq-Salti AB Air Traffic Control Center 24,000 Jordan Muwaffaq-Salti AB Munitions Storage Area 42,000 Mariana Islands Tinian Parking Apron 98,000 Mariana Islands Tinian Air Traffic Control Tower 109,000 Mariana Islands Tinian Fuel Tanks with Receipt Pipeline and Hydrant 109,000 Maryland Andrews Presidential Aircraft Recap Complex 86,000 Massachusetts Hanscom MIT-Lincoln Laboratory (West Lab CSL/MIF) 135,000 Montana Malmstrom Weapons Storage and Maintenance Facility 235,000 Nevada Nellis F-35A Munitions Assembly Conveyor Facility 8,200 Newada Nellis 365th Inteligence Survey Recon Facility 57,000 New Mexico Kirtland Combat Rescue Helicopter Simulator 15,500 New Mexico Kirtland UH-1 Replacement Facility 22,400 North Dakota Minot Consolidated Helo/TRF Alert Facility 5,500 Texas JB San Antonio T-X Ground Based Training System Simulator 9,300 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Bastic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Bastic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Bastic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Bastic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Bastic Military Training Recruit Dormitory 10,000 Texas JB San Antonio Bastic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Bastic Military Training Facility 6,500 Utah Hill GBSD Mission Integration Facility 18,000 Wyoming FE. Warren Consolidated Squadron Operations /TRF Alert Facility 18,000 Wyoming FE. Warren Consolidated Squadron Operations /TRF Alert Facility 18,100 Worldwide Unspecified Various Worldwide Locations Unspecified Minor Military Construction 79,6848 Active Total	Illinois	Scott		100.000
Jordan Muwaffaq-Salti AB Air Traffic Control Center 24,000 Jordan Muwaffaq-Salti AB Munitions Storage Area 42,000 Mariana Islands Tinian Parking Apron 98,000 Mariana Islands Tinian Air Traffic Control Tower 109,000 Mariana Islands Tinian Fuel Tanks with Receipt Pipeline and Hydrant 109,000 Maryland Andrews Presidential Aircraft Recap Complex 86,000 Massachusetts Hanscom MIT-Lincoln Laboratory (West Lab CSL/MIF) 135,000 Montana Malmstrom Weapons Storage and Maintenance Facility 235,000 Nevada Nellis F-35A Munitions Assembly Conveyor Facility 8,200 Nevada Nellis Good New Mexico Kirtland Combat Rescue Helicopter Simulator 15,500 New Mexico Kirtland UH-1 Replacement Facility 22,400 North Dakota Minot Consolidated Helo/TRF Alert Facility 5,500 Texas JB San Antonio T-X Ground Based Training System Simulator 9,300 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Bastelfield Airmen Aquatic Training Facility 69,000 Utah Hill Joint Advanced Tactical Missile Facility 14,300 Washington Fairchild Consolidated Total Force Integrated Base Operations 31,000 Wyoming F.E. Warren Consolidated Squadron Operations / TRF Alert Facility 18,100 Worldwide Unspecified Various Worldwide Locations Planning & Design 142,148 Active Total Consolidated Joint Air Dominance Hangar/Shops 24,000 Missouri Rosecrans Memorial Airport C-130 Flight Simulator Facility 9,5500	Japan	Yokota	·	· ·
Jordan Muwaffaq-Salti AB Munitions Storage Area 42,000 Mariana Islands Tinian Parking Apron 98,000 Mariana Islands Tinian Air Traffic Control Tower 109,000 Mariana Islands Tinian Fuel Tanks with Receipt Pipeline and Hydrant 109,000 Maryland Andrews Presidential Aircraft Recap Complex 86,000 Maryland Andrews Presidential Aircraft Recap Complex 86,000 Massachusetts Hanscom MIT-Lincoln Laboratory (West Lab CSL/MIF) 135,000 Montana Malmstrom Weapons Storage and Maintenance Facility 235,000 Nevada Nellis F-35A Munitions Assembly Conveyor Facility 8,200 Nevada Nellis 365th Inteligence Survey Recon Facility 57,000 New Mexico Kirtland Combat Rescue Helicopter Simulator 15,500 New Mexico Kirtland UH-1 Replacement Facility 22,400 North Dakota Minot Consolidated Helo/TRF Alert Facility 5,500 Texas JB San Antonio T-X Ground Based Training System Simulator 9,300 Texas JB San Antonio T-X Ground Based Training Facility 19,000 Texas JB San Antonio Battlefield Airmen Aquatic Training Facility 69,000 Utah Hill Joint Advanced Tactical Missile Facility 6,500 Utah Hill GBSD Mission Integration Facility 14,300 Washington Fairchild Consolidated Total Force Integrated Base Operations 31,000 Wyoming F.E. Warren Consolidated Squadron Operations /TRF Alert Facility 18,100 Worldwide Unspecified Various Worldwide Locations Planning & Design 142,148 Active Total Corcoral Airport Consolidated Joint Air Dominance Hangar/Shops 24,000 Missouri Rosecrans Memorial Airport Consolidated Joint Air Dominance Hangar/Shops 9,500	· ·			,
Mariana Islands Tinian Air Tarfic Control Tower 109,000 Mariana Islands Tinian Air Tarfic Control Tower 109,000 Mariana Islands Tinian Fuel Tanks with Receipt Pipeline and Hydrant 109,000 Maryland Andrews Presidential Aircraft Recap Complex 86,000 Massachusetts Hanscom MIT-Lincoln Laboratory (West Lab CSL/MIF) 135,000 Montana Malmstrom Weapons Storage and Maintenance Facility 235,000 Nevada Nellis F-35A Munitions Assembly Conveyor Facility 8,200 Nevada Nellis 365th Inteligence Survey Recon Facility 57,000 New Mexico Kirtland Combat Rescue Helicopter Simulator 15,500 New Mexico Kirtland UH-1 Replacement Facility 5,000 North Dakota Minot Consolidated Helo/TRF Alert Facility 5,500 Texas JB San Antonio T-X Ground Based Training System Simulator 9,300 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Facility 69,000 Utah Hill GBSD Mission Integration Facility 108,000 United Kingdom RAF Lakenheath F-35 PGM Facility 114,300 Washington Fairchild Consolidated Squadron Operations /TRF Alert Facility 114,300 Wyoming F.E. Warren Consolidated Squadron Operations /TRF Alert Facility 114,148 Active Total Corosolidated Joint Air Dominance Hangar/Shops 24,000 Missouri Rosecrans Memorial Airport Consolidated Joint Air Dominance Hangar/Shops 24,000 Missouri Rosecrans Memorial Airport C-130 Flight Simulator Facility 9,500		•		· ·
Mariana Islands Tinian Air Traffic Control Tower 109,000 Mariana Islands Tinian Fuel Tanks with Receipt Pipeline and Hydrant 109,000 Maryland Andrews Presidential Aircraft Recap Complex 86,000 Massachusetts Hanscom MiT-Lincoln Laboratory (West Lab CSL/MIF) 135,000 Montana Malmstrom Weapons Storage and Maintenance Facility 235,000 Nevada Nellis F-35A Munitions Assembly Conveyor Facility 8,200 Nevada Nellis 365th Inteligence Survey Recon Facility 57,000 New Mexico Kirtland Combat Rescue Helicopter Simulator 15,500 New Mexico Kirtland UH-1 Replacement Facility 22,400 North Dakota Minot Consolidated Helo/TRF Alert Facility 5,500 Texas JB San Antonio T-X Ground Based Training System Simulator 9,300 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Battlefield Airmen Aquatic Training Facility 69,000 Utah Hill GBSD Mission Integration Facility 108,000 United Kingdom RAF Lakenheath F-35 PGM Facility 108,000 United Kingdom Fairchild Consolidated Total Force Integrated Base Operations 31,000 Worldwide Unspecified Various Worldwide Locations Unspecified Minor Military Construction 79,682 Worldwide Unspecified Various Worldwide Locations Unspecified Minor Military Construction 79,682 Worldwide Unspecified Various Worldwide Locations Planning & Design 124,148 **Cetive Total**		•	_	
Mariana IslandsTinianFuel Tanks with Receipt Pipeline and Hydrant100,000MarylandAndrewsPresidential Aircraft Recap Complex86,000MassachusettsHanscomMIT-Lincoln Laboratory (West Lab CSL/MIF)135,000MontanaMalmstromWeapons Storage and Maintenance Facility235,000NevadaNellisF-35A Munitions Assembly Conveyor Facility8,200New AdaNellis365th Inteligence Survey Recon Facility57,000New MexicoKirtlandCombat Rescue Helicopter Simulator15,500New MexicoKirtlandUH-1 Replacement Facility22,400North DakotaMinotConsolidated Helo/TRF Alert Facility5,500TexasJB San AntonioT-X Ground Based Training System Simulator9,300TexasJB San AntonioT-X Training System Centralized Training Facility19,000TexasJB San AntonioBasic Military Training Recruit Dormitory110,000TexasJB San AntonioBattlefield Airmen Aquatic Training Facility69,000UtahHillJoint Advanced Tactical Missile Facility6,500UtahHillGBSD Mission Integration Facility108,000United KingdomRAF LakenheathF-35 PGM Facility14,300WashingtonFairchildConsolidated Total Force Integrated Base Operations31,000WyomingF.E. WarrenConsolidated Squadron Operations /TRF Alert Facility18,100Worldwide UnspecifiedVarious Worldwide LocationsUnspecified Minor Military Constr			= :	· · · · · · · · · · · · · · · · · · ·
MarylandAndrewsPresidential Aircraft Recap Complex86,000MassachusettsHanscomMIT-Lincoln Laboratory (West Lab CSL/MIF)135,000MontanaMalmstromWeapons Storage and Maintenance Facility23,000NevadaNellisF-35A Munitions Assembly Conveyor Facility8,200NewadaNellis365th Inteligence Survey Recon Facility57,000New MexicoKirtlandCombat Rescue Helicopter Simulator15,500New MexicoKirtlandUH-1 Replacement Facility22,400North DakotaMinotConsolidated Helo/TRF Alert Facility5,500TexasJB San AntonioT-X Ground Based Training System Simulator9,300TexasJB San AntonioT-X Training System Centralized Training Facility19,000TexasJB San AntonioBasic Military Training Recruit Dormitory110,000TexasJB San AntonioBattlefield Airmen Aquatic Training Facility69,000UtahHillJoint Advanced Tactical Missile Facility6,500UtahHillGBSD Mission Integration Facility108,000United KingdomRAF LakenheathF-35 PGM Facility14,300WashingtonFairchildConsolidated Total Force Integrated Base Operations31,000Worldwide UnspecifiedVarious Worldwide LocationsUnspecified Minor Military Construction79,682Worldwide UnspecifiedVarious Worldwide LocationsPlanning & Design142,148Active TotalConsolidated Joint Air Dominance Hangar/Shops24,000 <td></td> <td></td> <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td>				· · · · · · · · · · · · · · · · · · ·
MassachusettsHanscomMIT-Lincoln Laboratory (West Lab CSL/MIF)135,000MontanaMalmstromWeapons Storage and Maintenance Facility235,000NevadaNellisF-35A Munitions Assembly Conveyor Facility8,200NevadaNellis365th Inteligence Survey Recon Facility57,000New MexicoKirtlandCombat Rescue Helicopter Simulator15,500New MexicoKirtlandUH-1 Replacement Facility22,400North DakotaMinotConsolidated Helo/TRF Alert Facility5,500TexasJB San AntonioT-X Ground Based Training System Simulator9,300TexasJB San AntonioT-X Training System Centralized Training Facility19,000TexasJB San AntonioBasic Military Training Recruit Dormitory110,000UtahHillJoint Advanced Tactical Missile Facility69,000UtahHillGBSD Mission Integration Facility108,000United KingdomRAF LakenheathF-35 PGM Facility14,300WashingtonFairchildConsolidated Total Force Integrated Base Operations31,000WyomingF.E. WarrenConsolidated Squadron Operations / TRF Alert Facility18,100Worldwide UnspecifiedVarious Worldwide LocationsUnspecified Minor Military Construction79,682Worldwide UnspecifiedVarious Worldwide LocationsPlanning & Design142,148Active TotalGeorgiaSavannah International AirportConsolidated Joint Air Dominance Hangar/Shops24,000MissouriRose				
MontanaMalmstromWeapons Storage and Maintenance Facility235,000NevadaNellisF-35A Munitions Assembly Conveyor Facility8,200NevadaNellis365th Inteligence Survey Recon Facility57,000New MexicoKirtlandCombat Rescue Helicopter Simulator15,500New MexicoKirtlandUH-1 Replacement Facility22,400North DakotaMinotConsolidated Helo/TRF Alert Facility5,500TexasJB San AntonioT-X Ground Based Training System Simulator9,300TexasJB San AntonioT-X Training System Centralized Training Facility19,000TexasJB San AntonioBasic Military Training Recruit Dormitory110,000TexasJB San AntonioBattlefield Airmen Aquatic Training Facility69,000UtahHillJoint Advanced Tactical Missile Facility6,500UtahHillGBSD Mission Integration Facility108,000United KingdomRAF LakenheathF-35 PGM Facility14,300WashingtonFairchildConsolidated Total Force Integrated Base Operations31,000WyomingF.E. WarrenConsolidated Squadron Operations /TRF Alert Facility18,100Worldwide UnspecifiedVarious Worldwide LocationsUnspecified Minor Military Construction79,682Worldwide UnspecifiedVarious Worldwide LocationsUnspecified Minor Military Construction79,682Morldwide UnspecifiedVarious Worldwide LocationsUnspecified Minor Military Construction79,682Morldwide Unspeci	,		·	
NevadaNellisF-35A Munitions Assembly Conveyor Facility8,200NevadaNellis365th Inteligence Survey Recon Facility57,000New MexicoKirtlandCombat Rescue Helicopter Simulator15,500New MexicoKirtlandUH-1 Replacement Facility22,400North DakotaMinotConsolidated Helo/TRF Alert Facility5,500TexasJB San AntonioT-X Ground Based Training System Simulator9,300TexasJB San AntonioT-X Training System Centralized Training Facility19,000TexasJB San AntonioBasic Military Training Recruit Dormitory110,000TexasJB San AntonioBattlefield Airmen Aquatic Training Facility69,000UtahHillJoint Advanced Tactical Missile Facility69,000UtahHillGBSD Mission Integration Facility108,000United KingdomRAF LakenheathF-35 PGM Facility14,300WashingtonFairchildConsolidated Total Force Integrated Base Operations31,000WyomingF.E. WarrenConsolidated Squadron Operations /TRF Alert Facility18,100Worldwide UnspecifiedVarious Worldwide LocationsUnspecified Minor Military Construction79,682Worldwide UnspecifiedVarious Worldwide LocationsUnspecified Minor Military Construction79,682Morldwide UnspecifiedVarious Worldwide LocationsUnspecified Minor Military Construction79,682Morldwide UnspecifiedVarious Worldwide LocationsUnspecified Minor Military Construction79,682 <td></td> <td></td> <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td>				· · · · · · · · · · · · · · · · · · ·
Nevada Nellis 365th Inteligence Survey Recon Facility 57,000 New Mexico Kirtland Combat Rescue Helicopter Simulator 15,500 New Mexico Kirtland UH-1 Replacement Facility 22,400 North Dakota Minot Consolidated Helo/TRF Alert Facility 5,500 Texas JB San Antonio 7-X Ground Based Training System Simulator 9,300 Texas JB San Antonio T-X Training System Centralized Training Facility 19,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Battlefield Airmen Aquatic Training Facility 69,000 Utah Hill Joint Advanced Tactical Missile Facility 6,500 Utah Hill GBSD Mission Integration Facility 108,000 United Kingdom RAF Lakenheath F-35 PGM Facility 108,000 United Kingdom Rafe Lakenheath F-35 PGM Facility 114,300 Woshington Fairchild Consolidated Total Force Integrated Base Operations 31,000 Wyoming F.E. Warren Consolidated Squadron Operations /TRF Alert Facility 18,100 Worldwide Unspecified Various Worldwide Locations Unspecified Minor Military Construction 79,682 Worldwide Unspecified Various Worldwide Locations Planning & Design 142,148 Active Total Georgia Savannah International Airport Consolidated Joint Air Dominance Hangar/Shops 24,000 Missouri Rosecrans Memorial Airport C-130 Flight Simulator Facility 9,500				
New Mexico Kirtland Combat Rescue Helicopter Simulator 15,500 New Mexico Kirtland UH-1 Replacement Facility 22,400 North Dakota Minot Consolidated Helo/TRF Alert Facility 5,500 Texas JB San Antonio T-X Ground Based Training System Simulator 9,300 Texas JB San Antonio T-X Training System Centralized Training Facility 19,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Battlefield Airmen Aquatic Training Facility 6,500 Utah Hill Joint Advanced Tactical Missile Facility 6,500 Utah Hill GBSD Mission Integration Facility 108,000 United Kingdom RAF Lakenheath F-35 PGM Facility 14,300 Washington Fairchild Consolidated Total Force Integrated Base Operations 31,000 Wyoming F.E. Warren Consolidated Squadron Operations /TRF Alert Facility 18,100 Worldwide Unspecified Various Worldwide Locations Unspecified Minor Military Construction 79,682 Worldwide Unspecified Various Worldwide Locations Planning & Design 142,148 **Active Total** Georgia Savannah International Airport Consolidated Joint Air Dominance Hangar/Shops 24,000 Missouri Rosecrans Memorial Airport C-130 Flight Simulator Facility 9,500				,
New MexicoKirtlandUH-1 Replacement Facility22,400North DakotaMinotConsolidated Helo/TRF Alert Facility5,500TexasJB San AntonioT-X Ground Based Training System Simulator9,300TexasJB San AntonioT-X Training System Centralized Training Facility19,000TexasJB San AntonioBasic Military Training Recruit Dormitory110,000TexasJB San AntonioBattlefield Airmen Aquatic Training Facility69,000UtahHillJoint Advanced Tactical Missile Facility6,500UtahHillGBSD Mission Integration Facility108,000United KingdomRAF LakenheathF-35 PGM Facility14,300WashingtonFairchildConsolidated Total Force Integrated Base Operations31,000Wyorldwide UnspecifiedVarious Worldwide LocationsUnspecified Minor Military Construction79,682Worldwide UnspecifiedVarious Worldwide LocationsUnspecified Minor Military Construction79,682Active TotalConsolidated Joint Air Dominance Hangar/Shops24,000MissouriRosecrans Memorial AirportConsolidated Joint Air Dominance Hangar/Shops24,000				. ,
North Dakota Minot Consolidated Helo/TRF Alert Facility 5,500 Texas JB San Antonio T-X Ground Based Training System Simulator 9,300 Texas JB San Antonio T-X Training System Centralized Training Facility 19,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Battlefield Airmen Aquatic Training Facility 69,000 Utah Hill Joint Advanced Tactical Missile Facility 6,500 Utah Hill GBSD Mission Integration Facility 108,000 United Kingdom RAF Lakenheath F-35 PGM Facility 108,000 Washington Fairchild Consolidated Total Force Integrated Base Operations 31,000 Wyoming F.E. Warren Consolidated Total Force Integrated Base Operations 31,000 Worldwide Unspecified Various Worldwide Locations Unspecified Minor Military Construction 79,682 Worldwide Unspecified Various Worldwide Locations Planning & Design 142,148 **Active Total** Georgia Savannah International Airport Consolidated Joint Air Dominance Hangar/Shops 24,000 Missouri Rosecrans Memorial Airport C-130 Flight Simulator Facility 9,500				.,
Texas JB San Antonio T-X Ground Based Training System Simulator 9,300 Texas JB San Antonio T-X Training System Centralized Training Facility 19,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Battlefield Airmen Aquatic Training Facility 69,000 Utah Hill Joint Advanced Tactical Missile Facility 6,500 Utah Hill GBSD Mission Integration Facility 108,000 United Kingdom RAF Lakenheath F-35 PGM Facility 108,000 Washington Fairchild Consolidated Total Force Integrated Base Operations 31,000 Wyoming F.E. Warren Consolidated Squadron Operations /TRF Alert Facility 18,100 Worldwide Unspecified Various Worldwide Locations Unspecified Minor Military Construction 79,682 Worldwide Unspecified Various Worldwide Locations Planning & Design 142,148 Active Total Georgia Savannah International Airport Consolidated Joint Air Dominance Hangar/Shops 24,000 Missouri Rosecrans Memorial Airport C-130 Flight Simulator Facility 9,500			· · · · · · · · · · · · · · · · · · ·	· ·
Texas JB San Antonio T-X Training System Centralized Training Facility 19,000 Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Battlefield Airmen Aquatic Training Facility 69,000 Utah Hill Joint Advanced Tactical Missile Facility 6,500 Utah Hill GBSD Mission Integration Facility 108,000 United Kingdom RAF Lakenheath F-35 PGM Facility 14,300 Washington Fairchild Consolidated Total Force Integrated Base Operations 31,000 Wyoming F.E. Warren Consolidated Squadron Operations /TRF Alert Facility 18,100 Worldwide Unspecified Various Worldwide Locations Unspecified Minor Military Construction 79,682 Worldwide Unspecified Various Worldwide Locations Planning & Design 142,148 **Active Total** Georgia Savannah International Airport Consolidated Joint Air Dominance Hangar/Shops 24,000 Missouri Rosecrans Memorial Airport C-130 Flight Simulator Facility 9,500				,
Texas JB San Antonio Basic Military Training Recruit Dormitory 110,000 Texas JB San Antonio Battlefield Airmen Aquatic Training Facility 69,000 Utah Hill Joint Advanced Tactical Missile Facility 6,500 Utah Hill GBSD Mission Integration Facility 108,000 United Kingdom RAF Lakenheath F-35 PGM Facility 14,300 Washington Fairchild Consolidated Total Force Integrated Base Operations 31,000 Wyoming F.E. Warren Consolidated Squadron Operations /TRF Alert Facility 18,100 Worldwide Unspecified Various Worldwide Locations Unspecified Minor Military Construction 79,682 Worldwide Unspecified Various Worldwide Locations Planning & Design 142,148 Active Total Georgia Savannah International Airport Consolidated Joint Air Dominance Hangar/Shops 24,000 Missouri Rosecrans Memorial Airport C-130 Flight Simulator Facility 9,500				,
Texas JB San Antonio Battlefield Airmen Aquatic Training Facility 69,000 Utah Hill Joint Advanced Tactical Missile Facility 6,500 Utah Hill GBSD Mission Integration Facility 108,000 United Kingdom RAF Lakenheath F-35 PGM Facility 14,300 Washington Fairchild Consolidated Total Force Integrated Base Operations 31,000 Wyoming F.E. Warren Consolidated Squadron Operations /TRF Alert Facility 18,100 Worldwide Unspecified Various Worldwide Locations Unspecified Minor Military Construction 79,682 Worldwide Unspecified Various Worldwide Locations Planning & Design 142,148 Active Total Georgia Savannah International Airport Consolidated Joint Air Dominance Hangar/Shops 24,000 Missouri Rosecrans Memorial Airport C-130 Flight Simulator Facility 9,500				
UtahHillJoint Advanced Tactical Missile Facility6,500UtahHillGBSD Mission Integration Facility108,000United KingdomRAF LakenheathF-35 PGM Facility14,300WashingtonFairchildConsolidated Total Force Integrated Base Operations31,000WyomingF.E. WarrenConsolidated Squadron Operations /TRF Alert Facility18,100Worldwide UnspecifiedVarious Worldwide LocationsUnspecified Minor Military Construction79,682Worldwide UnspecifiedVarious Worldwide LocationsPlanning & Design142,148Active Total2,058,330GeorgiaSavannah International AirportConsolidated Joint Air Dominance Hangar/Shops24,000MissouriRosecrans Memorial AirportC-130 Flight Simulator Facility9,500			, ,	· · · · · · · · · · · · · · · · · · ·
UtahHillGBSD Mission Integration Facility108,000United KingdomRAF LakenheathF-35 PGM Facility14,300WashingtonFairchildConsolidated Total Force Integrated Base Operations31,000WyomingF.E. WarrenConsolidated Squadron Operations /TRF Alert Facility18,100Worldwide UnspecifiedVarious Worldwide LocationsUnspecified Minor Military Construction79,682Worldwide UnspecifiedVarious Worldwide LocationsPlanning & Design142,148Active TotalGeorgiaSavannah International AirportConsolidated Joint Air Dominance Hangar/Shops24,000MissouriRosecrans Memorial AirportC-130 Flight Simulator Facility9,500				,
United Kingdom RAF Lakenheath F-35 PGM Facility 14,300 Washington Fairchild Consolidated Total Force Integrated Base Operations 31,000 Wyoming F.E. Warren Consolidated Squadron Operations /TRF Alert Facility 18,100 Worldwide Unspecified Various Worldwide Locations Unspecified Minor Military Construction 79,682 Worldwide Unspecified Various Worldwide Locations Planning & Design 142,148 Active Total Georgia Savannah International Airport Consolidated Joint Air Dominance Hangar/Shops 24,000 Missouri Rosecrans Memorial Airport C-130 Flight Simulator Facility 9,500			<u> </u>	
WashingtonFairchildConsolidated Total Force Integrated Base Operations31,000WyomingF.E. WarrenConsolidated Squadron Operations /TRF Alert Facility18,100Worldwide UnspecifiedVarious Worldwide LocationsUnspecified Minor Military Construction79,682Worldwide UnspecifiedVarious Worldwide LocationsPlanning & Design142,148Active TotalGeorgiaSavannah International AirportConsolidated Joint Air Dominance Hangar/Shops24,000MissouriRosecrans Memorial AirportC-130 Flight Simulator Facility9,500	1 11		g g	· ·
WyomingF.E. WarrenConsolidated Squadron Operations /TRF Alert Facility18,100Worldwide UnspecifiedVarious Worldwide LocationsUnspecified Minor Military Construction79,682Worldwide UnspecifiedVarious Worldwide LocationsPlanning & Design142,148Active TotalGeorgiaSavannah International AirportConsolidated Joint Air Dominance Hangar/Shops24,000MissouriRosecrans Memorial AirportC-130 Flight Simulator Facility9,500	_		· · · · · · · · · · · · · · · · · · ·	· ·
Worldwide Unspecified Various Worldwide Locations Unspecified Minor Military Construction 79,682 Worldwide Unspecified Various Worldwide Locations Planning & Design 142,148 Active Total Georgia Savannah International Airport Consolidated Joint Air Dominance Hangar/Shops 24,000 Missouri Rosecrans Memorial Airport C-130 Flight Simulator Facility 9,500				
Worldwide Unspecified Various Worldwide Locations Planning & Design 142,148 Active Total 2,058,330 Georgia Savannah International Airport Consolidated Joint Air Dominance Hangar/Shops 24,000 Missouri Rosecrans Memorial Airport C-130 Flight Simulator Facility 9,500				
Active Total2,058,330GeorgiaSavannah International AirportConsolidated Joint Air Dominance Hangar/Shops24,000MissouriRosecrans Memorial AirportC-130 Flight Simulator Facility9,500	•			· ·
GeorgiaSavannah International AirportConsolidated Joint Air Dominance Hangar/Shops24,000MissouriRosecrans Memorial AirportC-130 Flight Simulator Facility9,500		Various Worldwide Locations	Planning & Design	
Missouri Rosecrans Memorial Airport C-130 Flight Simulator Facility 9,500				
		·	9 , .	,
Disaste Disas I I dia Managa Manda Jakamaski ang LAimanak Dalandia Jakan Hamilana Manda Cananana ing Propinsi Series (1997)		·	, , , , , , , , , , , , , , , , , , ,	.,
	Puerto Rico	•		12,500
Puerto Rico Luis Munoz Marin International Airport Rebuild after Hurricane Maria Maintenance Hangar 37,500	Puerto Rico	Luis Munoz Marin International Airport	Rebuild after Hurricane Maria Maintenance Hangar	,
Wisconsin Truax Field Fighter Alert Shelters 20,000	Wisconsin	Truax Field	Fighter Alert Shelters	20,000
Wisconsin Traux Field F-35 Simulator Facility 14,000			F-35 Simulator Facility	14,000
Worldwide Unspecified Unspecified Worldwide Locations Unspecified Minor Construction 31,471	Worldwide Unspecified	Unspecified Worldwide Locations	Unspecified Minor Construction	31,471
Worldwide Unspecified Various Worldwide Locations Planning & Design 17,000	·	Various Worldwide Locations	Planning & Design	
Guard Total 165,971	Guard Total			
Georgia Robins Consolidated Mission Complex Phase 3 43,000	Georgia	Robins	Consolidated Mission Complex Phase 3	43,000
Worldwide Unspecified Unspecified Worldwide Locations Unspecified Minor Construction 12,146	Worldwide Unspecified	Unspecified Worldwide Locations	Unspecified Minor Construction	12,146
Worldwide Unspecified Unspecified Worldwide Locations Planning & Design 4,604	Worldwide Unspecified	Unspecified Worldwide Locations	Planning & Design	4,604
Reserve Total 59,750	Reserve Total			59,750

MILITARY FAMILY HOUSING

The FY 2020 Military Family Housing budget request continues efforts to provide quality homes and support services to service members across the globe. The Air Force utilizes a Family Housing Master Plan as a strategic planning tool to prioritize budgetary requirements. The FY 2020 budget request supports our Airmen and their families housing needs through perpetual oversight of privatized housing, sustainment of our government-owned inventory, and leasing of homes as required.

TABLE 25. Military Family Housing TOA

MFH TOA (\$M)	FY19	FY20 PB
MFH Operations and Maintenance	317	295
MFH-Construction Improvements	75	100
MFH-Construction Planning and Design	3	3
Total	396	399

Numbers may not add due to rounding

BASE REALIGNMENT AND CLOSURE

The Air Force implemented all Base Realignment and Closure actions as described in the Defense Base Closure and Realignment Commission reports to the President. The FY 2020 budget request continues environmental restoration at remaining BRAC locations. The Air Force continues to align cleanup resources with environmental restoration and property transfer at installations closed under previous BRAC actions. The program focuses on protecting human life and the environment through execution of projects resulting in the transfer of acreage and achievement of environmental compliance remediation goals. In addition to achieving environmental goals, these projects provide beneficial reuse of property and meet legally enforceable requirements.

Funding for this appropriation is displayed in Table 29 below.

TABLE 26. BRAC TOA

BRAC TOA (\$M)	FY19	FY20 PB
DOD Base Closure Account	67	54
Total	67	54

Numbers may not add due to rounding

OVERSEAS CONTINGENCY OPERATIONS (OCO)

Figure 17 depicts the FY 2020 Baseline TOA shown below in Table 27 below subdivided into major activities. Major OCO MILCON projects are also depicted in Table 28.

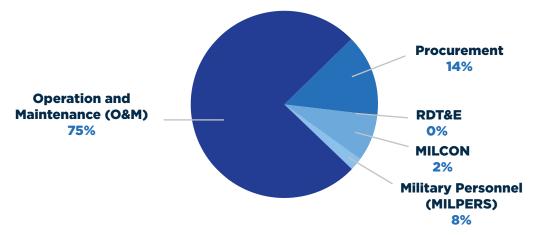


FIGURE 17. OCO FY 2020 Baseline Budget Request

The Air Force serves as an integral Joint team partner in Overseas Contingency Operations, responsible for leveraging the domains of air, space and cyberspace. The Air Force continues to lead the fight against Violent Extremist Organizations (VEO), while still heavily engaged in Afghanistan. Current operations, INHERENT RESOLVE and Counter-ISIS continue to require engagement of numerous aircraft. In addition to Direct War and Enduring OCO requirements, which remain from prior years, the FY 2020 budget request includes a significant portion of traditional base requirements categorized as OCO for Base.

The Direct War and Enduring OCO request is approximately \$2B less than the FY 2019 request due to fewer MQ-9 purchases and fewer munitions funded in these categories of OCO. The FY 2020 request includes \$1.8B of Direct War cost including funding to supports readiness for contingency operations. The Direct War budget also includes procurement funds to replenish certain missile stockpiles, including 2,328 Hellfire missiles and 19 Joint Air-Surface Standoff Missiles.

The FY 2020 \$10.9B Enduring OCO request includes Operation and Maintenance support at six enduring locations, procurement of nine MQ-9s, and supports the European Deterrence Initiative projects. The Enduring OCO request funds seven projects in Europe including \$491M of airfield upgrades, and increased fuel and munitions storage facilities.

In FY 2020, the budget request includes \$29.6B in OCO for Base requirements. The OCO for Base requirement is OCO funding for base requirements in support of the National Defense Strategy. This budget requests these OCO to comply with the base budget defense caps included in the Budget Control Act of 2011.

SECTION 3

The FY 2020 OCO request includes funding in support of the below operations/lines of effort:

- » Afghanistan
 - » Operation FREEDOM SENTINEL (OFS)
- » Syria/Iraq
 - » Operation INHERENT RESOLVE (OIR)
- » Combined Joint Task Force Horn of Africa (CJTF-HOA)
- » European Deterrence Initiative (EDI)

TABLE 27. OCO TOA

OCO, Air Force Total (\$M) ¹	FY19	FY20 PB
Operation and Maintenance (O&M) ²	9,897	9,584
Procurement ³	3,286	1,779
Aircraft	955	309
Missile	494	202
Ammunition	1,372	939
Other	466	329
Military Personnel (MILPERS)	991	1,030
MILCON	415	315
RDT&E	199	50
Subtotal	14,788	12,757
OCO For Base Requirements	-	29,580
Total OCO Request	14,788	42,337

Numbers may not add due to rounding

¹ Includes Enduring OCO and Direct OCO

² Includes TOA O&M & Defense Working Capital Fund

³ Sum of Aircraft, Missile, Ammunition, Other and Space sub categories

TABLE 28. Worldwide OCO MILCON Project List

STATE/COUNTRY	INSTALLATION	PROJECT	REQUESTED (\$K)
Iceland	Keflavik Air Base	European Deterrence Initiative - Airfield Upgrades	32,000
Iceland	Keflavik Air Base	European Deterrence Initiative - Airfield Upgrades- Hot Cargo Pad	18,000
Iceland	Keflavik Air Base	European Deterrence Initiative - Airfield Upgrades	7,000
Poland	Lask Air Base	European Deterrence Initiative - Hot Cargo Pad Upgrades	29,000
Poland	Powidz Air Base	European Deterrence Initiative - Deployable Air Base System Facilities	107,000
Poland	Powidz Air Base	European Deterrence Initiative - Munitions Storage Area	39,000
Spain	Moron Air Bases	European Deterrence Initiative - Hot Cargo Pad	8,500
Worldwide Unspecified Locations	Worldwide Unspecified Locations	Unspecified Minor Military Construction	12,800
Worldwide Unspecified Locations	Worldwide Unspecified Locations	Planning and Design	61,000
Active MILCON OCO Total			314,300



WORKING CAPITAL FUND

The Defense Working Capital Fund (DWCF) exists to carry out specific mission activities in a market-like financial framework, providing customers common goods and services in the most efficient way possible. Operating within the DWCF, the Air Force Working Capital Fund operates on a break-even basis. The Transportation Working Capital Fund is a part of the AFWCF budget submission because the Air Force is executive agent for cash oversight; however, United States Transportation Command has operational responsibility

AFWCF services and products are integral to readiness and sustainability of air, space, and cyberspace assets and support the ability to deploy forces around the globe. The AFWCF conducts business in two primary areas: depot maintenance and supply management. Depots provide the equipment, skills, and repair services necessary to keep forces operating. Supply management activities procure and manage inventories of consumable and reparable spare parts necessary to maintain mission readiness of all force structure elements.

Successful AFWCF operations are essential for readiness, by ensuring the warfighter receives the right item, at the right place and time, for the lowest cost. The FY 2020 AFWCF budget supports Air Force core functions through supply and maintenance activities, which procure and manage spares, base supplies, and transportation services (i.e. engines, aircraft and other reparable items). The submission includes estimates derived from forecasted customer requirements and reflects our continuing efforts to streamline logistics and business processes. Rate/price changes reflect ongoing initiatives to reduce costs and accurately project inflation impacts. Table 29 captures the highlights of the FY 2020 AFWCF budget request.

TABLE 29. Air Force Working Capital Fund Financial and Personnel Summary

AFWCF Total (\$M)	FY18	FY19	FY20 PB
Total Revenue	23,670	24,401	26,537
Cost of Goods Sold	23,999	24,862	26,523
Adjustments for Net Operating Result ¹	-23	-1	-45
Net Operating Result	-352	-462	-31
Accumulated Operating Result ²	1,058	0	0
Capital Budget	257	264	317
Direct Appropriation ³	67	78	92
Rate/Price Changes	FY18	FY19	FY20 PB
Consolidated Sustainment Activity Group - Maintenance Division	2.61%	2.92%	3.73%
Consolidated Sustainment Activity Group - Supply Division	-8.32%	2.62%	8.05%
Supply Management Activity Group - Retail	4.78%	2.72%	3.18%
AFWCF, Total Personnel	FY18	FY19	FY20 PB
Civilian Work-Years/Full Time Equivalents	31,133	33,192	35,187
Military Work-Years/Full Time Equivalents	12,283	11,040	12,298
·	· ·	,	, -

Other Adjustments made for both USTRANSCOM and AF,
 AF adjustment required for Medical-Dental Direct Appropriation
 Accumulated Operating Result - Reflects gains to be returned in FY 2018 & FY 2019
 Direct Appropriation support Medical-Dental War Reserve materials

CASH MANAGEMENT

The Secretary of Defense (OSD) policy requires DWCF activities to maintain positive cash balances throughout the year and an adequate ending balance to support continuation of operations into the subsequent year. To determine necessary cash levels, a comprehensive analysis of cash disbursements, the operating environment, and associated risk, to include unforeseen events, is completed. The methodology for calculating cash requirements consists of four components: rate, range, risk mitigation, and reserves as reflected in Tables 13 and 14.

In FY 2020, AFWCF cash is projected to exceed \$1.5B (AFWCF and TWCF) while remaining within lower and upper operating limits, a sufficient balance necessary to support operational disbursements. Tables 30 and 31 below detail cash for both AFWCF and TWCF.

TABLE 30. Air Force Working Capital Fund Cash Management

AFWCF, Air Force Cash (\$M)	FY18 PB	FY19	FY20 PB
Beginning of Period (BOP) Cash Balance	1,863	1,400	879
Disbursements	16,534	17,528	18,569
Collections	16,110	17,412	18,500
Transfers	-59	0	0
Direct Appropriations (War Reserve Material)	67	78	92
End of Period (EOP) Cash Balance	1,400	1,362	
Lower Limits	1,086	973	726
Upper Limits	1,725	1,595	1,365

Numbers may not add due to rounding

TABLE 31. Transportation Working Capital Fund Cash Management

TWCF Cash (\$M)	FY18 PB	FY19	FY20 PB
Beginning of Period (BOP) Cash Balance	856	911	552
Disbursements	7,652	6,668	8,552
Collections	7,323	6,687	8,632
Transfers	0	0	0
Direct Appropriations (Fallen Heroes)	0	0	0
End of Period (EOP) Cash Balance	911	930	
Lower Limits	727	761	582
Upper Limits	1,280	1,281	1,117

Numbers may not add due to rounding

SUMMARY



The Air Force is participating in engagements throughout the world in defense of our nation, and can only meet the demands with predictable budgets driven by the National Defense Strategy. This budget prioritizes long-term competition and delivers a more lethal and ready Air Force through smarter and faster acquisition practices and a laser focus on readiness improvements for Multi-Domain Operations. To counter the threats we face today, the Air Force must smartly modernize, continue to advance our readiness posture and implement smart reforms. The Air Force budget request of \$165.6 billion for Fiscal Year 2020 builds on the progress made in 2019 to restore the force readiness, increase lethality, and to continue cost-effective modernization. We are prioritizing our readiness to fight and remain on track to meet our readiness goals as we field tomorrow's Air Force.



APPENDIX

Air Force Total Aircraft Inventory (TAI)

Active Air Force							
Aircraft	FY18	FY19	FY20	Aircraft	FY18	FY19	FY20
A-10	141	143	143	HH-60W (CRH)	0	9	9
AC-130	32	38	34	KC-10	59	53	48
B-1	62	61	61	KC-135	155	143	167
B-2	20	20	20	KC-46	0	34	40
B-52	57	58	58	MC-130H	16	15	16
C-130J	100	105	109	MC-130J	37	41	41
C-5	36	36	36	MC-130P	0	0	0
C-12	29	29	29	MQ-9	222	251	260
C-17	150	146	146	MQ-1	43	0	0
C-21	19	19	19	NC-135	1	1	1
C-32	4	4	4	OC-135	2	2	2
C-37	12	12	16	RC-135	22	22	22
C-40	4	4	4	RQ-4	34	32	31
C-130H	1	0	0	T-1	178	178	178
CV-22	50	50	51	T-6	444	444	444
E-3	31	31	31	T-38	501	504	504
E-4	4	4	4	T-41	4	4	4
E-9	2	2	2	T-51	3	3	3
E-11A	4	4	4	T-53	24	24	24
EC-130H	13	13	12	T-X	0	0	3
EQ-4B	0	3	3	TC-135	3	3	3
EC-37B	0	0	1	TG-15	5	5	5
F-15	316	316	316	TG-16	18	19	19
F-16	552	553	553	TH-1	28	28	28
F-22	166	166	166	TU-2	4	4	4
F-35	157	210	250	U-2	27	26	26
HC-130J	19	19	19	UH-1	63	68	68
HC-130N	0	0	0	UV-18B	3	3	3
HH-60	68	82	82	VC-25	2	2	2
VC-25B	0	2	2	WC-135	2	2	2

Air National Guard				
Aircraft	FY18	FY19	FY20	
A-10	85	85	85	
C-17	50	50	50	
C-21	0	0	0	
C-32	2	2	2	
C-40	3	3	3	
C-130H	127	123	123	
C-130J	16	16	16	
HC-130N	6	0	0	
HC-130P	3	0	0	
E-8	16	13	13	
F-15	137	137	137	
F-16	333	333	334	
F-22	20	20	20	
F-35A	0	2	20	
HH-60	17	18	18	
HC-130J	5	12	12	
KC-135	171	164	164	
KC-46	0	12	12	
MQ-9	29	24	24	
MQ-1	9	0	0	
LC-130H	10	10	10	
EC-130J	7	7	7	
RC-26B	11	13	0	
MC-130	1	0	0	
WC-130	5	0	0	

Air Force Reserve					
Aircraft	FY18	FY19	FY20		
A-10	55	55	55		
B-52	18	18	18		
C-5	16	16	16		
C-17	22	26	26		
C-40	4	4	4		
C-130H	48	46	42		
C-130J	10	10	10		
HC-130N/P	0	4	0		
F-16	54	53	53		
HH-60	15	16	16		
KC-135	72	74	67		
WC-130J	10	10	10		
HC-130J	0	0	1		

Notes:

- 1. Includes Programmed Total Aircraft Inventory only
- 2. Excludes ALCM, ICBM, LRE, Aerial Target, and Ground Control Stations
- 3. Includes industrial funded, RDT&E, and Special Operations Command aircraft

SECTION 5

APPENDIX

Air Force Investment New Starts | #1-66 of 89

	Appn	Weapons System	Requirement Title	FY20 PB (\$M)
1	3010	A-10	ARC-210 Radio System Upgrade	8.8
2	3010		Second Gigabit Ethernet Switch(2GES)	5.0
3	3010	A-10	High Resolution Display System (HRDS)	6.3
4	3010	A-10	3-Dimensional Audio (3DA)	1.0
5	3010	A-10	SDB-1	8.0
6	3010	Aircraft Support Equipment	Bomber Armament Tester (BAT)	6.6
7	3010	Aircraft Support Equipment	Aircraft Maintenance Testers	22.2
8	3010	Aircraft Support Equipment	Nondestructive Inspection (NDI) Joint Oil Analysis Program (JOAP)	26.0
9	3010		IFF Mode 5/S ADS-B	9.2
10	3010		GPS-IU Replacement	11.1
11	3010		B-52 Bomber Tactical Data Link	15.9
12	3010		B-52 Crypto Modernization	17.7
13	3010		Filter Fire Migration	0.4
14	3010		Communication Networking Upgrade (CNU)	10.4
15	3010		AWACS Mode 5 Acceleration	2.3
16	3010		E-4B MUOS	5.7
17	3010		Distributed Mission Operations Center (DMOC)	5.0
18		F-15C	F-15 C/D Mobile User Objective System (MUOS)	0.6
19		F-15E	F-15E Mobile User Objective System (MUOS)	0.6
20		F-15E	F-15E B61 ATS Upgrade	5.4
21		F-15EX	F-15 EX	1,050.0
22	3010		Modification Digital Radar Warning Receiver (RWR).	4.3
23	3010		Modular Mission Computer (MMC) and Display Generator Upgrade	14.5
24	3010		Sensor Enhancement	151.7
25	3010		F-35 Block 4 Modifications	14.0
26	3010		F-35 Correction of Deficiencies	187.7
27		HH-60U	Low Cost Modification Line	1.9
28		Initial Spares	A-10, EQ-4B, F-15 EPAWSS	12.8
29		MQ-9	System Lifecycle Agile Modernization (SLAM)	0.1
30		Other Production Charges	C-5 Depot Activation	0.6
31		Other Production Charges	F 15C Mode 5 Depot Activation	2.5
32		Other Production Charges	Family of Advanced BLoS Terminals (FAB-T)	1.7
33 34	3010	RQ-4	Ground Segment Modernization Program (GSMP)	1.6 1.5
35	3010		Crew Relief Station Replacement T-38 Canopy	0.2
36	3010		Reliability & Maintainability (R&M) Safety Mods	0.1
37	3010		Crew System Modernization Program (CSMP)	0.1
38	3010	U-2	ASARS-2B Procurement for U-2	32.5
39	3020	AGM-86	Service Life Extension Program: Inertial Navigational Element	13.4
40	3020	JAGM	Joint Air-to-Ground Munition (JAGM)	15.0
41	3020	MM III, Control Monitor Procedures Trainer (CMPT)	Control Monitor Procedures Trainer	0.9
42	3021	GPS IIIF	GPS IIIF Space Vehicle (SV)-13 Production	414.6
43	3080	Battlefield Airborne Control Node (BACN)	Battlefield Airborne Control Node (BACN)	39.6
44	3080	Battlefield Airborne Control Node (BACN)	E-11A BACN System	8.9
45	3080	Combat Training Ranges	Advanced Radar Threat System Variant 2 (ARTS-V2) Threat System Simulator	23.8
46	3080	Intelligence Communications Equipment	ISR Modernization & Automation Development (IMAD)	3.5
47	3080	General Information Technology	Electronic Warfare Integrated Reprogramming (EWIR)	1.4
48	3080	General Information Technology	Intel Data Applications	5.3
49	3080	AFNET Unified Platform	Cyber Mission Forces (CMF) Operational Capability	5.0
50		Mobility Command and Control	Roll-On Conference Capsule (ROCC)	10.8
51	3080	Integrated Personnel and Pay System (AFIPPS)	Payroll COTS Software Licenses to support the Total Force	20.9
52		Communication Electronic Modifications	Tactical Data Networks Enterprise Link 16	6.9
53		Strategic Command and Control	Multi Domain Command and Control (MDC2)	2.0
54	3080	Base Procured Equipment	Tactical Deception Program	3.0
55	3080	Base Procured Equipment	F-35 Beddown (Sun Shades)	12.0
56		Base Maintenance and Support Equipment	Small Munitions Trailers	12.0
57		Spares and Repair Parts	Wide Area Surveillance	3.0
58		Airborne Warning & Control System (AWACS)	E-3 AWACS Communications Integration Program (ACIP) Development	1.0
59		Airborne Warning & Control System (AWACS)	E-3 AWACS GPS Upgrade (M-Code)	1.0
60		Analysis Enterprise	Kill Chain Automation - software development	3.0
61		B-2 Modernization	B-2 Expanded Strike	1.0
62		C-130	Mobile User Objective System (MUOS)	15.8
63		C2 Optimization	Artificical Intelligence and Machine Learning	0.8
64	3600		Replace Multi-Function Controls and Display (RMCD) program	10.2
65 66		Core Technology CSEL Next Generation Survival Radio Recapitalization (NGSR)	Develop ISR Algorithmic Warfare Upgrades 60,000 handheld CSEL rescue radios.	16.0 1.0
00	5500	COLE 140AL Generation out vival Naulo Recapitalization (NGSR)	opgrades 50,000 nandheid CSEE resede radios.	1.0

APPENDIX

SECTION 5

Air Force Investment New Starts | #67-89 of 89

	Appn	Weapons System	Requirement Title	FY20 PB (\$M)	
67	3600	Cyber Systems Modernization	Cyber Command and Control Mission System (C3MS) Modernization	7.6	
68	3600	E-11 Development	BACN Simulators/Trainers.	15.6	
69	3600	F-15	Data Transfer Module II	2.5	
70	3600	F-15	F-15E Digital Color Display	1.3	
71	3600	F-15 E/X	F-15 EX	67.4	
72	3600	Global Access	Interoperable Multi-Modal Patient Movement	0.5	
73	3600	Global Access	Autonomous Technologies applied to the 60K Tunner	0.5	
74	3600	Global Access	Replenishment from Ships to Point of Need Delivery	0.5	
75	3600	Global Access	Use of Dual Row Airdrop System with Joint Light Tactical Vehicle	1.3	
76	3600	Logistics IT System Modernization	Enhanced Technical Information Management System Enhancements (ETIMS)	0.6	
77	3600	Logistics IT System Modernization	Transformation Capability Initiative - Supply Capability Initiative (SCI)	0.5	
78	3600	Noncooperative Identification Subsystems	Multi-Mode Ladar Aided Target Recognition (M2LATR)	2.4	
79	3600	Nuclear Detonation Detection Systems	Begins United States Nuclear Detection System 7	26.5	
80	3600	Cyberspace Operations Forces and Force Support	Cyber Mission Force (CMF) Foundational Tools	35.0	
81	3600	MQ-9 System Lifecycle Agile Modernization (SLAM)	MQ-9 System Lifecycle Agile Modernization (SLAM)	6.3	
82	3600	Nuclear Planning and Execution System (NPES)	Decision Support Service (DSS) Development	9.2	
83	3600	Geobase Common Installation Picture (CIP)	GeoBase Development	2.7	
84	3600	Space Weather Analysis and Forecast	Energetic Charged Particle Hazard Assessment	0.4	
85	3600	Space Weather Analysis and Forecast	Radiation Exposure Model	0.4	
86	3600	C-130J Mobile User Objective System (MUOS)	Mobile User Objective System (MUOS)	0.3	
87	3600	T-6 Operational System Development	Controlled Flight Into Terrain - Prevention (CFIT-Prevention)	0.1	
88	3600	T-6 Operational System Development	Next Generation On-Board Oxygen Generation System	0.7	
89	3600	Warfighter Readiness	Command & Control Simulation Environment for Training (C2SET)	0.5	
Total F	Total FY20 New Starts 2,4				

ACRONYMS



AB Air Base

ACA Aerospace Control Alert

ADAL Adversary Air Add / Alter

ADCP Advanced Display Core Processor

ADS-B Automatic Dependent Surveillance-Broadcast

AEHF Advanced Extremely High Frequency **AESA** Active Electronically Scanned Array

AF Air Force AFB Air Force Base

AFGSC Air Force Global Strike Command

AFR Air Force Reserve

AFRC Air Force Reserve Command
AFWCF Air Force Working Capital Fund

AGM Advanced Guided Missile
AIM Air Intercept Missile

ALCM Air Launched Cruise Missile

AMP Avionics Compliance and Modernization **AMRAAM** Advanced Medium Range Air-to-Air Missile

ANG Air National Guard
AOC Air Operations Center
AOR Area of Responsibility

APKWS Advanced Precision Kill Weapon System
ASNT Aircrew Strategic Network Terminal
AWACS Airborne Warning and Control System

В

B Billion

BRAC Base Realignment and Closure

C

CCDR Command and Control
CCDR Combatant Commander
CCMD Combatant Command
CJTF Combined Joint Task Force

CNMI Commonwealth of Northern Marianas Islands

ACRONYMS

SECTION 6

CRH Combat Rescue Helicopter

CVR Common Very Low Frequency/Low Frequency Receiver

D

DoD Department of Defense

DWCF Defense Working Capital Fund

E

EDI Europeam Deterrence Initiative EVOIVED Expendable Launch Vehicle

EPAWSS Eagle Passive/Active Warning Survivability System



FSRM Facility Sustainment, Restoration and Modernization

FY Fiscal Year

FYDP Future Years Defense Program

G

GBSD Ground Based Strategic Deterrent

GCS Ground Control Station

GOCO Government Owned, Contractor Operated

GPS Global Positioning System



HOA Horn of Africa



ICBM Intercontinental Ballistic Missile

ISR Intelligence, Surveillance and Reconnaissance

ISIS Islamic State of Iraq and Syria

ACRONYMS

SECTION 6



JASSM-ER Joint Air-to-Surface Standoff Missile - Extended Range

JDAM Joint Direct Attack Munition

K

K Thousand



LRSO Long Range Standoff



M Million

MFH Military Family Housing
MILCON Military Construction
MILPERS Military Personnel

MIT-LL Massachusetts Institute of Technology - Lincoln Laboratory

MOB Main Operating Base



NC3 Nuclear Command and Control Communications



O&M Operations and Maintenance
OCO Overseas Contingency Operation
OCX Operational Control System
OFS Operation FREEDOM SENTINEL
OIR Operation INHERENT RESOLVE
ORS Operation RESOLUTE SUPPORT
OSD Office of the Secretary of Defense



PAR Presidential Aircraft Recapitalization

PB President's Budget

PRV Plant Replacement Value

R

RAF Royal Air Force

RDT&E Research, Development, Test and Evaluation

ROTC Reserve Officers Trainings Corps

RPA Remotely Piloted Aircraft

S

SBIRS Space Based Infrared System

SDB Small Diameter Bomb

STEM Science, Technology, Engineering, Math



TAI Total Aircraft Inventory
TOA Total Obligation Authority

TWCF Transportation Working Capital Fund



USTRANSCOM United States Transportation Command USSTRATCOM United States Strategic Command



VEO Violent Extremist Organizations



WSS Weapon System Sustainment

NOTES





FISCAL YEAR 2020 BUDGET OVERVIEW www.saffm.hq.af.mil/FM-Resources/budget/