

United States Air Force



Presentation

Before the House Appropriations
Committee, Subcommittee on Military
Construction, Veterans Affairs, & Related
Agencies.

Fiscal Year 2019 Budget Oversight Hearing on Energy, Installations, & Environment

Witness Statement of

Major General Timothy S. Green
Air Force Director of Civil Engineers;
Deputy Chief of Staff for Logistics,
Engineering, & Force Protection

April 12, 2018



BIOGRAPHY



UNITED STATES AIR FORCE

MAJOR GENERAL TIMOTHY S. GREEN

Maj. Gen. Timothy S. Green is the Air Force Director of Civil Engineers, Deputy Chief of Staff for Logistics, Engineering and Force Protection, Headquarters U.S. Air Force, Washington, D.C. He is responsible for installation support functions at a total of 182 Air Force bases worldwide with an annual budget over \$11 billion. He is also responsible for organizing, training and equipping the 51,000-person engineering force along with providing policy and oversight for the planning, development, construction, maintenance, utilities and environmental quality of Air Force bases worldwide valued at more than \$297 billion. This responsibility includes housing, fire emergency services, explosive ordnance disposal and emergency management services.



General Green entered the Air Force in 1987 as a graduate of the ROTC program at Texas A&M University. He has commanded a civil engineer squadron and mission support group and served as Special Assistant to two commanders of U.S. European Command/Supreme Allied Commander of Europe. Prior to assuming his current position, General Green served as the Director of Installations and Mission Support for Air Mobility Command and then at Air Combat Command.

The general served as Director of Installations for Air Force Forces in Southwest Asia during the 2007-2008 surge of U.S. forces into Iraq for Operation Iraqi Freedom, supporting more than \$1.2 billion in military construction and engineer operations at 15 installations in 10 countries throughout the U.S. Central Command area of responsibility. General Green is a registered Professional Engineer in the state of Texas.

EDUCATION

1986 Bachelor of Science degree in civil engineering, Texas A&M University
1992 Master of Science degree in civil engineering, Texas A&M University
1992 Distinguished graduate, Squadron Officer School, Maxwell AFB, Ala.
1997 Air Command and Staff College, by seminar
1999 Air Command and Staff College, Maxwell AFB, Ala.
2000 Air War College, by seminar
2005 National War College, Fort Lesley J. McNair, Washington, D.C.

ASSIGNMENTS

1. October 1987 - July 1990, Environmental Coordinator and Design Engineer, 47th Civil Engineer Squadron, Laughlin AFB, Texas
2. August 1990 - January 1992, Student, Texas A&M University, College Station, Texas
3. January 1992 - September 1994, Technical Assistant, Pollution Prevention Directorate, and Staff Officer, Pollution Prevention Division, Air Force Center for Environmental Excellence, Brooks AFB, Texas
4. October 1994 - September 1996, Chief of Engineering Contracts, Chief of Construction Management, 36th Civil Engineer Squadron, Andersen AFB, Guam
5. Oct 1996 - July 1998, Operations Flight Commander, 43rd Civil Engineer Squadron, Pope AFB, N.C.
6. August 1998 - June 1999, Student, Air Command and Staff College, Maxwell AFB, Ala.
7. July 1999 - June 2002, Assistant Executive Officer, Office of the Chief of Staff and Military Construction Program Manager, Engineering Division, Office of the Civil Engineer, Deputy Chief of Staff for Installations and Logistics, Headquarters U.S. Air Force, Washington, D.C.
8. July 2002 - July 2004, Commander, 31st Civil Engineer Squadron, Aviano Air Base, Italy
9. August 2004 - June 2005, Student, National War College, Fort Lesley J. McNair, Washington, D.C.
10. July 2005 - June 2007, Commander, 99th Mission Support Group, Nellis AFB, Nev.
11. June 2007 - June 2008, Director, Installations (A7), Air Force Forces, Combined Air and Space Operations Center, Southwest Asia
12. July 2008 - May 2009, Chief, Programs Division, Office of the Civil Engineer, Deputy Chief of Staff for Installations and Mission Support, Headquarters U.S. Air Force, Washington, D.C.
13. May 2009 - July 2011, Special Assistant to the Commander, U.S. European Command, and Supreme Allied Commander Europe, Supreme Headquarters Allied Powers Europe, Mons, Belgium
14. July 2011 - June 2013, Director of Installations and Mission Support, Headquarters Air Mobility Command, Scott AFB, Ill.
15. June 2013 - March 2014, Director of Installations and Mission Support, Headquarters Air Combat Command, Joint Base Langley-Eustis, Va.
16. March 2014 - present, Air Force Director of Civil Engineers, Deputy Chief of Staff, Logistics, Engineering and Force Protection, Headquarters U.S. Air Force, Washington D.C.

SUMMARY OF JOINT ASSIGNMENTS

1. May 2009 - July 2011, Special Assistant to Commander U.S. European Command and Supreme Allied Commander Europe; Supreme Headquarters Allied Powers Europe, Belgium, as a colonel and brigadier general

MAJOR AWARDS AND DECORATIONS

Defense Superior Service Medal
Legion of Merit
Bronze Star Medal
Air Force Meritorious Service Medal with silver oak leaf cluster
Air Force Commendation Medal
Joint Meritorious Unit Award
Air Force Outstanding Unit Award with three oak leaf clusters
Air Force Organizational Excellence Award with oak leaf cluster
National Defense Service Medal with bronze star
Global War on Terrorism Expeditionary Medal
Global War on Terrorism Service Medal
Nuclear Deterrence Operations Service Medal

EFFECTIVE DATES OF PROMOTION

Second Lieutenant May 10, 1987

First Lieutenant May 10, 1989

Captain May 10, 1991

Major September 1, 1997

Lieutenant Colonel May 1, 2000

Colonel Aug. 1, 2004

Brigadier General April 1, 2011

Major General June 5, 2015

(Current as of October 2016)

Introduction

The United States now faces a more competitive and dangerous international security environment than we have seen in generations. Great power competition has reemerged as the central challenge to U.S. prosperity and security. As our Fiscal Year 2019 Posture Statement states, “with global trends and intensifying pressure from major challengers, our relative advantage in air and space is eroding in a number of critical areas.” The Air Force requires the right size and mix of capabilities to compete, deter, and win in this environment, which includes the necessary infrastructure and facilities support.

As we prepared this budget request, the Air Force deliberately evaluated both today’s needs and the capabilities demanded by anticipated future threats. The result is a budget aligned with the National Security Strategy and the National Defense Strategy to restore readiness, drive modernization, and prepare the Air Force to win any fight at any time. Our advantage in air and space is eroding in a number of critical areas. This budget request provides for a lethal and ready force to compete and win as we return to an era of Great Power Competition. Air and space power is indispensable to every joint force operation. The Air Force’s first responsibility is to integrate air and space capabilities across the domains—delivering unmatched global advantage as an equal member of the joint team. Ready and resilient installations remain vital to the Air Force’s ability to generate air, space, and cyber effects from a network of globally positioned bases. As such, the Air Force manages a difficult balance between installation readiness, capability, and capacity with the need to maintain and field a credible and affordable force today and into the future. We continue to tip the investment scales toward operational capability and readiness while taking risk in installations.

Installations

Air Force installations serve as the backbone for Air Force enduring core missions delivering air, space, and cyberspace capabilities—underpinning success and serving as critical enablers of Air Force readiness. These force projection platforms send a strategic message to allies and adversaries alike; they foster partnership-building by stationing Airmen side-by-side with our coalition partners and enable worldwide accessibility to assist international partners or to repel aggression, if necessary. Unfortunately, years of continuous combat, a constrained and

uncertain fiscal environment, coupled with an increasingly complex security environment, have taken their toll on Air Force infrastructure and facilities.

The total Air Force Fiscal Year 2019 facilities budget request is \$8.75 billion including military construction (MILCON), facility sustainment, restoration, modernization (FSRM), Housing, and legacy BRAC cleanup and Environmental Programs. The Fiscal Year 2019 President's Budget request builds on the progress made in 2018 to restore the readiness of the force and, in alignment with the National Defense Strategy, prioritizes long-term competition with China and Russia, continues to resource readiness, people, nuclear deterrence and modernization while increasing our investments in space, multi-domain command and control, air superiority, light attack and science and technology. As a result, the Air Force facilities budget must continue to support many critical requirements, while maintaining or modernizing current requirements.

In order to stretch our facility and infrastructure funding, the Air Force has employed an asset management framework to shape our MILCON and FSRM investment strategies. This framework leverages actual asset condition data, collected by engineers and craftsman in the field and processed through lifecycle analysis software to identify the right scope and time and level of investment to sustain our assets at the lowest possible lifecycle cost. Working with mission owners, we also evaluate the *direct impact* of every facility on operational employment of Air Force air, space, and cyber capabilities. For example, the Tanker Airlift Control Center at Scott Air Force Base has a greater *direct* mission impact than other mission support facilities such as the base library or comptroller's office. This data driven approach, backed by innovative analytics, and technical experts ensure we invest in the right mission critical facilities, at the right time, at the right scope.

The Air Force's Fiscal Year 2019 request includes \$1.78 billion in military construction requirements, a 9.5 percent decrease from the Fiscal Year 2018 budget request. While the Air Force was able to address some of our most critical infrastructure recapitalization needs in Fiscal Year 2017 and 2018, the Fiscal Year 2019 budget prioritizes weapons system beddowns and combatant command support. These projects, which include critical fifth generation fighter capability in Europe and the Pacific, directly enhance lethality and enable joint readiness to maintain the global posture demanded by today's complex security environment.

To assure continued focus on taking care of our Airmen and their families, the Fiscal Year 2019 President's Budget also requests \$395 million for Military Family Housing operations and maintenance and construction.

Military Construction

The requested Fiscal Year 2019 MILCON program prioritizes efforts in four primary categories: Combatant Commander support, facilities and supporting infrastructure necessary to beddown new weapons systems, investing in cost-effective modernization of research, development, test and evaluation facilities and, with a significantly smaller investment, in recapitalizing our existing mission critical facilities.

Combatant Command Support

This year's President's Budget request includes \$219 million for Combatant Commander requirements. Of this request, \$70 million is for U.S. Central Command (USCENTCOM), \$69 million for U.S. Pacific Command (USPACOM), \$76 million for U.S. Strategic Command (USSTRATCOM), and \$15 million for U.S. Northern Command (USNORTHCOM). These investments represent the Air Force's most direct support to Combatant Commander Requirements while preparing for future investments across the Future Year Defense Plan (FYDP) ensuring the United States is positioned to project power and support efforts to protect American interests across the globe, including the Air Force's continued priority on Asia Pacific and the European theater.

New Mission Infrastructure

The Fiscal Year 2019 President's Budget request includes \$887 million of infrastructure investments to support Air Force modernization programs including bedding down the F-35A, KC-46A, and Presidential Aircraft Recapitalization weapons systems. The Air Force's ability to fully operationalize these new aircraft depends not only on acquisition of the aircraft themselves, but also on the construction of the aircraft's accompanying hangars, maintenance facilities, training facilities, airfields and fuel infrastructure.

This budget includes \$178 million for the beddown of the KC-46A, consisting of \$166 million at Altus AFB, Oklahoma, the Formal Training Unit (FTU), and \$12 million at Travis AFB, California, for two depot maintenance hangers.

The Air Force also continues to invest heavily in the beddown of the F-35A, ensuring we are adequately postured to compete and win in today's strategic environment. The Fiscal Year 2019 request includes \$315 million for F-35A facilities at four locations consisting of \$40 million at Luke AFB, Arizona, \$62.9 million at Eglin AFB, Florida, \$63.8 million at Eielson AFB, Alaska; and \$148.3 million at Royal Air Force (RAF) Lakenheath, United Kingdom.

In preparation for the Presidential Aircraft Recapitalization acquisition, the Air Force's 2019 budget requests \$191 million for the necessary hangar and maintenance space as well as functions displaced by the new construction at Joint Base Andrews, Maryland.

Research, Development, Test & Evaluation Infrastructure

Our ability to innovate and maintain a technological edge on our adversaries depends on necessary Research, Development, Test and Evaluation infrastructure. In the Fiscal Year 2019 President's Budget, the Air Force dedicates \$225 million to construct new, state-of-the-art laboratory space at the Massachusetts Institute of Technology's Lincoln Laboratory – a Federally Funded research and development center that is focused on solving problems with direct national security implications. Additionally, the Air Force has begun to leverage new authorities to meet our current and future research, development, and test range needs. For example, our budget requests authorization of a Cyber Test facility at Eglin Air Force Base, Florida, and two other projects to establish a Joint Simulation Environment capability, one at Edward Air Force Base and one at Nellis Air Force Base.

Existing Mission Infrastructure Recapitalization

This year's President's Budget request also includes \$101 million directed to the Air National Guard and the Air Force Reserve's most critical recapitalization projects. Outside of lab infrastructure, the Active Duty includes a request for \$25 million in additional funds to award a Basic Military Training (BMT) dormitory project, essential to the Air Force's sustained efforts to replace outdated and inefficient Vietnam War-era buildings and continue to producing the high caliber Airmen necessary to operate in the highly-contested warfighting environment.

In total, our Fiscal Year 2019 request represents a strategic balance for capability and capacity, ensuring we are best postured to field a ready force today while concurrently modernizing for the challenges of tomorrow.

European Deterrence Initiative (EDI)

The Air Force remains committed to the Department's efforts begun in 2015 to reassure North Atlantic Treaty Organization Allies and European partners of the United States' commitment to their security and territorial integrity. Our Fiscal Year 2019 European Deterrence Initiative (EDI) MILCON program shifts our focus from reassurance to deterrence and includes five projects spread across four countries to enhance bilateral and multilateral military exercises and training on land, in the air, and at sea while sustaining a military posture reflecting the acknowledgement of long-term competition with Russia. Thus, our Fiscal Year 2019 EDI MILCON program enables the Air Force to set theater conditions that provide greater capability for the United States and allies to rapidly respond to all threats. The \$346 million, including \$48 million for Planning and Design, requested in MILCON Overseas Contingency Operations investment is focused on continuing the USEUCOM Commander's efforts to enhance prepositioning options for airfields, and weapons and equipment storage areas in Germany, Norway, the United Kingdom, and Slovakia.

The Fiscal Year 2019 overseas contingency operations funding request is limited to projects directly supporting the European Deterrence Initiative. Projects supporting operations in the Central Command theater are included in our base budget request.

Facility Sustainment, Restoration, and Modernization

In Fiscal Year 2019, the Air Force requests \$3.4 billion for Facilities Sustainment, Restoration, and Modernization, approximately 11 percent more than last year's request. This request funds Facility Sustainment at 80 percent of the Department of Defense sustainment model, approximately 7 percent over the previous year, while Restoration and Modernization is approximately 61 percent lower than Fiscal Year 2018 levels. The Air Force recognizes a deferred maintenance backlog of \$33 billion. The Air Force is leveraging FSRM to protect

readiness and maintain credible capabilities in other core missions and increasing FSRM from FY19 levels across the remainder of the FYDP.

Housing

It is imperative we get housing right. Occasionally lost in our necessary focus on readiness and lethality is the potential negative effects on recruiting and retention of Airmen and their families should we allow degradation in the Quality of Life facilities that support our Airmen and families.

The Air Force recruits Airmen that provide combat capabilities across multiple domains but we retain the families. Regardless of the location, the mission, or the weapon system, our Airmen provide the innovation, knowledge, skill, and determination to fly, fight, and win. The Air Force strives to provide quality housing on our installations to fill the shortfall of available housing in the local communities. Adequate housing is often very limited based on where our installations are located. As communities have grown up around our bases over the past decades, the number of on-base houses the Air Force is required to maintain has declined. The remaining homes in the Air Force inventory represent the Air Force's commitment to provide Airmen and their families with safe and well-maintained housing communities. For example, many of our Airmen's first homes are at remote and isolated bases.

The Air Force privatized family housing at each of its stateside installations, including Alaska and Hawaii; as such, there are 32 projects at 63 bases, with an end-state of 53,239 homes and we remain focused on long-term oversight and accountability of the sustainment, operation, and management of this portfolio.

Concurrently, the Air Force continues to manage approximately 15,000 government-owned family housing units at overseas installations. Our Fiscal Year 2019 Family Housing Operations and Maintenance funds request of \$317 million provides a program that supports daily operations, maintenance, and leasing requirements. It allows us to sustain adequate units, improve inadequate units, and correct life, health, and safety issues. Our \$78 million request for Family Housing Construction funds improves 130 single family and duplex units on Kadena Air Base in Okinawa, Japan and repairs neighborhood parking deficiencies at Royal Air Force Lakenheath, United Kingdom. It also support development of housing community profile planning documents along with planning and design associated with new construction and

construction improvement projects. Combined, these investments support the needs of Airmen and their families, as well as our sister service members and their families.

Similarly, our strategic investment strategy for dormitories will enable the Air Force to focus on sustainment of our existing inventory to meet the DoD goal of 90 percent adequate dormitory rooms for permanent party unaccompanied Airmen, while continuing to support Airmen in formal training facilities. Thus, the Fiscal Year 2019 President's Budget request includes dormitories to support F-35 beddown. With Congressional support for our Fiscal Year 2019 request, we will continue to ensure strategic investment in these quality of life areas to provide modern housing and dormitory communities, while being good stewards of taxpayer funds.

Conclusion

Air Force infrastructure and facilities are key enablers of lethality and readiness across every core mission area in support of the joint team. The Fiscal Year 2019 President's Budget request reflects the hard strategic choices critical to achieving readiness and lethality in today's complex security environment. Our Fiscal Year 2019 President's Budget request includes MILCON to support Combatant Commander urgent priority needs, new weapon system beddown, investment in research, development, test and evaluation infrastructure, and recapitalization of existing mission critical facilities. We will fully leverage every dollar available for facility investment amid the many competing and higher budget priorities.

The Air Force remains committed to our Service members and their families. Privatized housing at our stateside installations and continued investment in government housing at overseas locations provides our families with modern homes and improves their quality of life now and into the future. We also maintain our responsibility to provide dormitory campuses that support the needs of our unaccompanied Service members.

Additionally, I applaud the committee for their work on achieving the two-year bipartisan budget agreement; however, we need your continued support for predictable, stable, and flexible budgets to enable the Air Force to effectively plan for resources that will enhance our readiness and lethality. For our part, we continue to carefully scrutinize every dollar we spend. Our commitment to efficiencies, a properly sized force structure, and right-sized installations will

enable us to ensure maximum returns on the Nation's investment in her Airmen, who provide our trademark, highly valued airpower capabilities for the joint team.