



Media Guide F-22 Raptor Demonstration Team

By 633rd Air Base Wing Public Affairs

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FACT SHEET

U.S. Air Force Fact Sheet (May 2016)

[F-22 RAPTOR Demonstration Team](#)



Mission

The Air Combat Command F-22 Demonstration Team at Langley Air Force Base performs precision aerial maneuvers to demonstrate the unique capabilities of the world's only operational fifth-generation fighter aircraft. The team also teams up with Air Force Heritage flight exhibiting the professional qualities the Air Force develops in the people who fly, maintain and support these aircraft.

Background

The F-22 Raptor Demonstration Team is stationed at Langley Air Force Base in Hampton, Virginia. In March 2007, the team participated in its debut air show at Tyndall Air Force Base. Since then, the team has performed more than 150 demonstrations.

Prior to 2016, the team was comprised of one pilot, safety officer, superintendent, team chief, multiple crew chiefs and avionics specialists. Now, public affairs and aircrew flight equipment technicians are both represented. Together, the members visit local schools, hospitals and community events across the globe.

Team Characteristics

Number of pilots: 1

Crew: 13

First Season: 2007

Inventory: Total force, 137

Point of Contact

Air Combat Command, Public Affairs Office; 130 Andrews St., Suite 202; Langley AFB, VA 23665-1987; DSN 574-5007 or 757-764-5007; e-mail: accpa.operations@langley.af.mil



FACT SHEET

U.S. Air Force Fact Sheet (November 2009) F-22 RAPTOR



Mission

The F-22 Raptor is the Air Force's newest fighter aircraft. Its combination of stealth, supercruise, maneuverability, and integrated avionics, coupled with improved supportability, represents an exponential leap in warfighting capabilities. The Raptor performs both air-to-air and air-to-ground missions allowing full realization of operational concepts vital to the 21st century Air Force.

The F-22, a critical component of the Global Strike Task Force, is designed to project air dominance, rapidly and at great distances and defeat threats attempting to deny access to our nation's Air Force, Army, Navy and Marine Corps. The F-22 cannot be matched by any known or projected fighter aircraft.

Features

A combination of sensor capability, integrated avionics, situational awareness, and weapons provides first-kill opportunity against threats. The F-22 possesses a sophisticated sensor suite allowing the pilot to track, identify, shoot and kill air-to-air threats before being detected. Significant advances in cockpit design and sensor fusion improve the pilot's situational awareness. In the air-to-air configuration the Raptor carries six AIM-120 AMRAAMs and two AIM-9 Sidewinders.

The F-22 has a significant capability to attack surface targets. In the air-to-ground configuration the aircraft can carry two 1,000-pound GBU-32 Joint Direct Attack Munitions internally and will use on-board avionics for navigation and weapons delivery support. In the future air-to-ground capability will be enhanced with the addition of an upgraded radar and up to eight small diameter bombs. The Raptor will also carry two AIM-120s and two AIM-9s in the air-to-ground configuration.

Advances in low-observable technologies provide significantly improved survivability and lethality against air-to-air and surface-to-air threats. The F-22 brings stealth into the day, enabling it not only to protect itself but other assets.

The F-22 engines produce more thrust than any current fighter engine. The combination of sleek aerodynamic design and increased thrust allows the F-22 to cruise at supersonic airspeeds (greater than 1.5 Mach) without using afterburner -- a characteristic known as supercruise. Supercruise greatly expands the F-22's operating envelope in both speed and range over current fighters, which must use fuel-consuming afterburner to operate at supersonic speeds.

The sophisticated F-22 aerodesign, advanced flight controls, thrust vectoring, and high thrust-to-weight ratio

provide the capability to outmaneuver all current and projected aircraft. The F-22 design has been extensively tested and refined aerodynamically during the development process.

The F-22's characteristics provide a synergistic effect ensuring F-22A lethality against all advanced air threats. The combination of stealth, integrated avionics and supercruise drastically shrinks surface-to-air missile engagement envelopes and minimizes enemy capabilities to track and engage the F-22. The combination of reduced observability and supercruise accentuates the advantage of surprise in a tactical environment.

The F-22 will have better reliability and maintainability than any fighter aircraft in history. Increased F-22 reliability and maintainability pays off in less manpower required to fix the aircraft and the ability to operate more efficiently.

Background

The Advanced Tactical Fighter entered the Demonstration and Validation phase in 1986. The prototype aircraft (YF-22 and YF-23) both completed their first flights in late 1990. Ultimately the YF-22 was selected as best of the two and the engineering and manufacturing development effort began in 1991 with development contracts to Lockheed/Boeing (airframe) and Pratt & Whitney (engines). EMD included extensive subsystem and system testing as well as flight testing with nine aircraft at Edwards Air Force Base, Calif. The first EMD flight was in 1997 and at the completion of its flight test life this aircraft was used for live-fire testing.

The program received approval to enter low rate initial production in 2001. Initial operational and test evaluation by the Air Force Operational Test and Evaluation Center was successfully completed in 2004. Based on maturity of design and other factors the program received approval for full rate production in 2005. Air Education and Training Command, Air Combat Command and Pacific Air Forces are the primary Air Force organizations flying the F-22. The aircraft designation was the F/A-22 for a short time before being renamed F-22A in December 2005.

General Characteristics

Primary Function: Air dominance, multi-role fighter

Contractor: Lockheed-Martin, Boeing

Power Plant: Two Pratt & Whitney F119-PW-100 turbofan engines with afterburners and two-dimensional thrust vectoring nozzles.

Thrust: 35,000-pound class (each engine)

Wingspan: 44 feet, 6 inches (13.6 meters)

Length: 62 feet, 1 inch (18.9 meters)

Height: 16 feet, 8 inches (5.1 meters)

Weight: 43,340 pounds (19,700 kilograms)

Maximum Takeoff Weight: 83,500 pounds (38,000 kilograms)

Fuel Capacity: Internal: 18,000 pounds (8,200 kilograms); with 2 external wing fuel tanks: 26,000 pounds (11,900 kilograms)

Payload: Same as armament air-to-air or air-to-ground loadouts; with or without 2 external wing fuel tanks.

Speed: Mach 2 class with supercruise capability

Range: More than 1,850 miles ferry range with 2 external wing fuel tanks (1,600 nautical miles)

Ceiling: Above 50,000 feet (15 kilometers)

Armament: One M61A2 20-millimeter cannon with 480 rounds, internal side weapon bays carriage of two AIM-9 infrared (heat seeking) air-to-air missiles and internal main weapon bays carriage of six AIM-120 radar-guided air-to-air missiles (air-to-air loadout) or two 1,000-pound GBU-32 JDAMs and two AIM-120 radar-guided air-to-air missiles (air-to-ground loadout)

Crew: One

Unit Cost: \$143 million

Initial operating capability: December 2005

Inventory: Total force, 137

Point of Contact

[Air Combat Command](#), Public Affairs Office; 130 Andrews St., Suite 202; Langley AFB, VA 23665-1987; DSN 574-5007 or 757-764-5007; e-mail: accpa.operations@langley.af.mil

THE 1ST FIGHTER WING

The 1st Fighter Wing operates and maintains the F-22 Raptor. To accomplish their mission, the men and women of the 1st Fighter Wing work in one of two groups: the Operations Group or the Maintenance Group. Eight squadrons comprise the two groups, which includes two fighter squadrons: the 27 FS known as the Fightin' Eagles and the 94 FS known as the Hat-in-the-Ring Gang.

Continuing the 1st FW's tradition of first to bring new fighters operational, the Air Force announced in 2002 that the 1 FW would become the first F-22 operational wing; paving the way for the future of air dominance.

In addition to the F-22, the 1 FW has tallied many other firsts throughout its distinguished history. In World War I when it was known as the 1st Pursuit Organization and Training Center, the wing scored its first aerial victory when Lt. Douglas Campbell of the 94th Aero Squadron downed a German Phalz D-3 over France. By the time the war ended, the unit's name changed to the 1 PG and it earned 202 confirmed kills.

During World War II the 1 FW again excelled, earning three Distinguished Unit Citations for outstanding performance of duty. Redesignated as the 1st Fighter Group, the unit entered the war flying the P-38. Throughout the war, the 1 FG flew more than 20,000 sorties on 1,405 combat missions, and scored more than 400 aerial victories.

On Aug. 7, 1990, the 1st FW, then known as the 1st Tactical Fighter Wing, deployed to Saudi Arabia in support of Operation Desert Shield, adding to the list of firsts by becoming the first US unit to establish air superiority over Saudi Arabia. Through both Operations Desert Shield and Desert Storm, the wing flew more than 6,200 sorties and nearly 25,000 flying hours. The wing also recorded an aerial victory when Capt. Steve Tate of the 71 FS shot down an Iraqi F-1 Mirage.

In 1991, the 1 TFW became known as it is today, the 1 FW. For most of the 1990s, the wing practiced the lessons it learned in Desert's Shield and Storm; participating in numerous deployments and exercises throughout the world. This practice would pay off.

In 2003, the Air Force called once again to the 1 FW to provide air superiority in combat. The wing deployed to Southwest Asia in support of Operation Iraqi Freedom where it flew over 360 training and combat sorties.

Throughout its history, the 1 FW has led the way. On December 15, 2005 the Fighter Wing continued that tradition with the 27 FS becoming the Air Force's first operational F-22 fighter squadron. The wing's compliment of 40 F-22s, in the 27 and 94 FS reached Full Operational Capability on December 12, 2007.

On Jan. 7, 2010, the 9th Air Force activated the 633rd Air Base Wing as the new host unit for Joint Base Langley-Eustis, Va., as the 1 FW stepped down, yet continues its flying missions.

On Sept. 30, 2010, the 71 FS inactivated, leaving the F-22 as the sole fighter operated by the wing.

Point of Contact: 633rd Air Base Wing Public Affairs Office, 216 Danforth Ave., Langley AFB, Va. 23665-2292

AIR COMBAT COMMAND

Air Combat Command, with headquarters at Langley Air Force Base, Va., is a major command created June 1, 1992 by combining its predecessors Strategic Air Command and Tactical Air Command. ACC is the primary provider of air combat forces to America's unified combatant commands.

Mission

Air Combat Command is the primary force provider of combat airpower to America's warfighting commands. To support global implementation of national security strategy, ACC operates fighter, bomber, reconnaissance, battle-management, and electronic-combat aircraft. It also provides command, control, communications and intelligence systems, and conducts global information operations.

As a force provider, ACC organizes, trains, equips and maintains combat-ready forces for rapid deployment and employment while ensuring strategic air defense forces are ready to meet the challenges of peacetime air sovereignty and wartime air defense. ACC numbered air forces provide air competency to U.S. Central and Southern Commands with Headquarters ACC serving as the air component to U.S. Northern and Joint Forces Commands. ACC also augments forces to U.S. European, Pacific and Strategic Commands.

Personnel and Resources

More than 110,000 active-duty members and civilians make up ACC's work force. When mobilized, more than 61,000 members of the Air National Guard and Air Force Reserve, along with about 618 aircraft, are assigned to ACC. In total, ACC and ACC-gained units fly more than 1,750 aircraft.

Organization

ACC's forces are organized under four numbered air forces, one Air Force Reserve numbered air force and four primary subordinate units. The command operates 15 major bases, including tenant units on 13 non-ACC bases throughout the United States. ACC also has responsibility for inland search and rescue in the 48 contiguous states. The ACC commander is the component commander of U.S. Air Forces - Joint Forces Command and U.S. Strategic Command.

Numbered Air Forces

First Air Force, with headquarters at Tyndall AFB, Fla., provides surveillance and command and control for air defense forces for the continental United States in support of the North American Aerospace Defense Command (NORAD). As an ACC numbered air force, it provides the forces necessary for the defense of the United States.

First Air Force units include the Continental United States Regional Air Operations Center, NORAD System Support Facility and the Southeast Air Defense Sector at Tyndall AFB, Fla., the Northeast Air Defense Sector in Rome, N.Y., and the Western Air Defense Sector at McChord AFB, Wash. Ten Air National Guard fighter wings are assigned to 1st Air Force, and as many as 30 ANG fighter wings reported to this numbered air force during the early months of Operation Noble Eagle.

Eighth Air Force, with headquarters at Barksdale Air Force, La., supports Air Combat Command in providing command and control, intelligence, surveillance, and reconnaissance (C2ISR); long-range attack; and information operations forces to Air Force components and warfighting commands. Eighth Air Force trains, tests, exercises and demonstrates combat-ready forces for rapid employment worldwide. Eighth Air Force provides conventional forces to U.S. Joint Forces Command and provides nuclear capable bombers, specified Global Strike assets, and C2ISR capabilities to U.S. Strategic Command. Eighth Air Force also supports STRATCOM's Joint Force Headquarters - Information Operations and serves as the command element for Air Force wide computer network operations.

Other Eighth Air Force units include the 67th Information Operations Wing, Lackland AFB, Texas; the 70th Intelligence Wing, Fort Meade, Md.; the 116th Air Control Wing (E-8C JSTARS), Robins AFB,

Ga.; 552nd Air Control Wing (E-3B/C), Tinker AFB, Okla.; the 819th RED HORSE Squadron, Malmstrom AFB, Mont.; and the 3rd Air Support Operations Group, Fort Hood, Texas.

Bases:

Barksdale AFB, La. -- 2nd Bomb Wing: B-52H

Beale AFB, Calif. -- 9th Reconnaissance Wing: U-2, T-38. Selected as beddown base for RQ-48 Global Hawk unmanned aerial vehicle

Minot AFB, N.D. -- 5th Bomb Wing: B-52H

Offutt AFB, Neb. -- 55th Wing: E-4B, RC-135S/U/V/W, TC-135W, WC-135W, OC-135B

Whiteman AFB, Mo. -- 509th Bomb Wing: B-2, T-38

Ninth Air Force, with headquarters at Shaw Air Force Base, S.C., controls ACC fighter forces based on the East Coast of the United States, and serves as the air component for a 25-nation area within the U.S. Central Command area of responsibility.

Other Ninth Air Force units include: 33rd Fighter Wing (F-15C/D), Eglin AFB, Fla.; 18th Air Support Operations Group, Pope AFB, N.C.; 820th Security Forces Group, Moody AFB, Ga.; 823d RED HORSE Squadron, Hurlburt Field, Fla.; and the 5th Combat Communications Group, Robins AFB, Ga.

Langley AFB, Va. -- Headquarters Air Combat Command, 1st Fighter Wing: F-15C/D, selected as first operational F-22A Raptor wing

Seymour-Johnson AFB, N.C. -- 4th Fighter Wing: F-15E. The 23rd Fighter Group at Pope AFB (A-10/OA-10) is part of the 4th Fighter Wing.

Shaw AFB, S.C. -- Headquarters 9th Air Force; 20th Fighter Wing: F-16C/D

Tenth Air Force, located at Naval Air Station Joint Reserve Base, Fort Worth, Texas, directs the activities of more than 13,300 reservists and 900 civilians located at 28 installations throughout the United States.

The mission of the Tenth Air Force is to exercise command supervision of its assigned Reserve units to ensure they maintain the highest combat capability to augment active forces in support of national objectives. Tenth Air Force currently commands Air Force Reserve Command units gained by five other major commands, including Air Combat Command. ACC-gained units consist of six fighter wings, three air rescue units, one bomber squadron, one combat operations squadron, and one airborne warning and control group when mobilized.

Twelfth Air Force, with headquarters at Davis-Monthan AFB, Ariz., controls ACC's conventional fighter and bomber forces based in the western United States and has the warfighting responsibility for U.S. Southern Command as well as the U.S. Southern Air Forces.

Other Twelfth Air Force units include: 388th Fighter Wing (F-16C/D), Hill AFB, Utah; 1st Air Support Operations Group, Fort Lewis, Wash.; 3rd Combat Communications Group, Tinker AFB, Okla.; and 820th RED HORSE Squadron, Nellis AFB, Nev.

Cannon AFB, N.M. -- 27th Fighter Wing: F-16C/D

Davis-Monthan AFB, Ariz. -- Headquarters 12th Air Force; 355th Wing: A/OA-10 (EC-130H, stationed at Davis-Monthan, is an Eighth Air Force asset and controlled by the 55th Wing at Offutt Air Force Base)

Dyess AFB, Texas -- 7th Bomb Wing: B-1

Ellsworth AFB, S.D. -- 28th Bomb Wing: B-1

Holloman AFB, N.M. -- 49th Fighter Wing: F-117, T-38, F-4F

Mountain Home AFB, Idaho -- 366th Fighter Wing: F-15C/D/E, F-16D, F-16C/J, and the Air Expeditionary Force Battlelab



BIOGRAPHY



UNITED STATES AIR FORCE

MAJOR PAUL “LOCO” LOPEZ (Demonstration Pilot)



Major Paul Lopez II is the United States Air Force F-22 Raptor Demonstration Team commander and pilot stationed at Joint Base Langley-Eustis in Hampton, Virginia. As the F-22 Demonstration Team commander, he is responsible for representing Air Combat Command, the United States Air Force, the Department of Defense, and the United States of America at more than 20 air shows annually. He leads the 18 member F22 Raptor Demonstration Team, oversees maintenance actions performed on one of the most advanced fighter jets ever built, and showcases the Raptor’s exceptional maneuverability for more than 10 million spectators around the world each year. He is an operational F-22 pilot assigned to the 1st Operations Group within the 1st Fighter Wing.

Lopez is from Virginia Beach, Va. After graduating from Salem High School, he attended college at North Carolina Agricultural and Technical State University in Greensboro, N.C. In 2004, he graduated with a Bachelor of Science in Mechanical Engineering and earned his commission through the N.C. A&T Air Force Reserve Officer Training Corps.

Lopez attended phases I and II of pilot training at Moody Air Force Base in Valdosta, Georgia, flying the T-6 Texan II. He moved to Laughlin AFB in Del Rio, Texas for phase III of pilot training, where he learned to fly the T-38C Talon and earned his pilot wings after completing undergraduate pilot training in 2006. Following pilot training, Lopez completed Introduction to Fighter Fundamentals flying the AT38C Talon at Moody AFB prior to attending the F-15C Eagle, Basic Course at Tyndall AFB in Panama City, Florida in 2007.

Upon graduation, Lopez was assigned to the 71st Fighter Squadron at Langley AFB in Hampton, Va., as an operational fighter pilot in the combat air force. Lopez attended the F-22 Raptor transition course in January 2011 at Tyndall AFB. Upon completion, he flew F-22 Raptors assigned to the 27th Fighter Squadron at Langley AFB until October 2012. Lopez moved to Joint Base Elmendorf-Richardson in Anchorage, Alaska, and flew Raptors there from November 2012 to January 2016. Following this assignment, Lopez moved back to Langley AFB in January 2016 and served as the Chief of Flight Safety for the 1st Fighter Wing.

While assigned to the 1st FW, he was selected to be the Air Combat Command F-22 Raptor Demonstration pilot. Lopez is an experienced fighter pilot with over 1,400 fighter hours flying the F-15 and F-22. Lopez enjoys being a part of the F-22 Raptor Demonstration Team and accomplishing the mission of showcasing American airpower, recruiting and retaining America's finest personnel into the Armed Forces, and enhancing international and domestic relationships.



BIOGRAPHY



UNITED STATES AIR FORCE

MASTER SERGEANT JAMIE FLEMING (Superintendent)



Master Sergeant James Fleming is the United States Air Force's F-22 Raptor Aerial Demonstration Team Superintendent, based at Joint Base Langley-Eustis, Virginia. As the aerial demonstration team Superintendent, he is responsible for representing Air Combat Command, the United States Air Force, and the Department of Defense at more than 20 air shows annually. He leads the 13-member enlisted F-22 Demonstration Team and oversees all maintenance actions performed on the Lockheed Martin \$143M demo aircraft. By doing so, he ensures the demonstration pilot is equipped with a safe, reliable, and effective F-22 Raptor to execute his aerial maneuvers for more than 10 million spectators around the world each year.

MSgt Fleming was born in Dayton Ohio and graduated from Bellbrook High School in 1997. On 13 April 2004, he enlisted into the United States Air Force. He has held various positions within the aircraft maintenance career field culminating with his most recent position as the F-22A Demonstration Team Superintendent. He has deployed in support of Operation Enduring Freedom and Operation Inherent Resolve.

EDUCATION:

Enrolled: Associates of Aircraft Systems Maintenance Technology, Community College of the Air Force, VA
Enrolled: Bachelors of Professional Aeronautics, Liberty University, VA

ASSIGNMENTS

2004 - 2006: F-15C/D Assistant Dedicated Crew Chief, Elmendorf AFB, AK
2006 - 2007: F-15C/D Assistant Dedicated Crew Chief, Elmendorf AFB, AK
2007 - 2012: F-22 Dedicated Crew Chief, Elmendorf AFB, AK
2012 - 2013: Flightline Expediter, Elmendorf AFB, AK
2013 - 2016: Flightline Expediter, Joint Base Langley-Eustis, VA
2016 - 2017: Team Chief, F-22 Aerial Demonstration Team, Joint Base Langley-Eustis, VA
2017 – Present: Superintendent, F-22 Aerial Demonstration Team, Joint Base Langley-Eustis, VA

MAJOR AWARDS AND DECORATIONS

Air Force Commendation Medal with one Oak Leaf Cluster
Air Force Achievement Medal with two Oak Leaf Clusters
Meritorious Unit Award
Air Force Outstanding Unit with three Oak Leaf Clusters
Air Force Good Conduct Medal with three Oak Leaf Clusters
National Defense Service Medal
Global War on terrorism Expeditionary Medal
Global War on Terrorism Service Medal
Air Force Overseas Ribbon Long tour with one Oak Leaf Cluster
Air Force Expeditionary Service with Gold Border
2012 3rd AMXS Thomas N. Barnes Dedicated Crew Chief of the Year

EFFECTIVE DATES OF PROMOTION

Airman Basic: 13 Apr 2004
Airman 1st Class: 28 May 2004
Senior Airman (Below the Zone): 15 Feb 2006
Staff Sergeant: 01 Jun 2008
Technical Sergeant: 01 Mar 2014
Master Sergeant: 01 Feb 2018



BIOGRAPHY



UNITED STATES AIR FORCE

TECHNICAL SERGEANT YAMIL REYES SANCHEZ (Team Chief)



Technical Sergeant Yamil Reyes Sanchez is the United States Air Force's F-22 Raptor Demonstration Team, Team Chief, based at Joint Base Langley-Eustis, Virginia. As the demonstration team chief, he is responsible for representing Air Combat Command, the United States Air Force, and the Department of Defense at more than 20 air shows annually. He leads the 13-member enlisted F-22 Demonstration Team and oversees all maintenance actions performed on the Lockheed Martin \$143M demo aircraft. By doing so, he ensures the demonstration pilot is equipped with a safe, reliable, and effective F-22 Raptor to execute his aerial maneuvers for more than 10 million spectators around the world each year.

Technical Sergeant Reyes Sanchez was born in Rio Piedras, Puerto Rico but grew up in Yonkers, New York and got his high school equivalency in 2001. On 8 April 2003, he enlisted into the United States Air Force. He has held various positions within the aircraft maintenance career field culminating with his most recent position as the F-22A Demonstration Team Chief. He has deployed in support of Operation Inherent Resolve.

EDUCATION

2002 - Mildred Elley, Proprietary College in Albany NY, Associates Degree in Information Technology

ASSIGNMENTS

Nov 2003 – May 2005: F-16 Assistant Dedicated Crew Chief, 63rd AMU, Luke AFB, AZ
May 2005 – May 2006: F-16 Assistant Dedicated Crew Chief, 35th AMU, Kunsan AB, ROK
May 2006 – Aug 2008: F-16 Phase Dock Crew Chief and Transient Alert, 56th EMS, Luke AFB, AZ
Sep 2008 – Sep 2009: F-16/A-10 Phase Dock Support Technician, 51st EMS, Osan AB, ROK
Oct 2009 – Oct 2010: F-22 Dedicated Crew Chief, 43rd AMU, Tyndall AFB, FL
Oct 2010 - Aug 2016: F-22 Dedicated Crew Chief, 27th AMU, Langley AFB, VA
Aug 2016 – Dec 2017: F-22 Support Section Shift Lead, 27th AMU, Langley AFB, VA
Dec 2017 – Present: F-22 Raptor Demonstration Team Chief, Langley AFB, VA

MAJOR AWARDS AND DECORATIONS

Air Force Achievement Medal
AF Outstanding Unit Award with one silver oak leaf cluster
AF Good Conduct Medal with four bronze oak leaf clusters
National Defense Service Medal
Global War on Terrorism Service Medal
Korean Defense Service Medal
AF Longevity Service with 2 oak leaf clusters
USAF NCO PME Graduate Ribbon
AF Training Ribbon

EFFECTIVE DATES OF PROMOTION

Airman First Class: 9 April 2003
Senior Airman: 9 August 2005
Staff Sergeant: 1 September 2010
Technical Sergeant: 1 September 2017



BIOGRAPHY



UNITED STATES AIR FORCE

SENIOR AIRMAN KAYLEE DUBOIS (Public Affairs Specialist)



Senior Airman Kaylee Dubois is a Photojournalist Journeyman assigned to the 633rd Air Base Wing Public Affairs Office at Fort Eustis, Virginia.

She is 26 years old. Airman Dubois was born in Woonsocket, Rhode Island on 14 December 1991. She attended Woonsocket Senior High School and graduated in June 2010. Airman Dubois attended the University of New England to study Animal Behavior and graduated with a Bachelor's degree in May 2014. She arrived at Basic Training at Lackland AFB, Texas on 9 June 2015. Upon graduating from Basic Training, she attended the Defense Information School at Fort Meade, Maryland for technical training. Airman Dubois graduated from the Basic Photojournalism Course in December 2015 and received her first duty assignment to the 633rd Air Base Wing.

Since arriving at Langley Air Force Base, she has shown her commitment to the Air Force by volunteering in the local community and being a part of an on base Airmen Council. As a Photojournalist, in a joint base environment, she works to connect both the Army and the Air Force. Her work has been featured by higher Air Force and Army entities, showcasing the connection between both services. Airman Dubois has branched out of the photojournalism world to try her hand in video production producing four multimedia

productions, including a Sexual Assault Awareness Month video broadcasted to approximately 750 audience members.

EDUCATION

2014 - Bachelor of Science Degree in Animal Behavior, University of New England, Biddeford, ME.

2015 - Basic Photojournalism Course, Defense Information School, Ft. Meade, MD.

ASSIGNMENTS

January 2015 – present, Photojournalist, 633rd Air Base Wing, Joint Base Langley-Eustis, VA.

MAJOR AWARDS AND DECORATIONS:

Air Force Achievement Medal

AF Outstanding Unit Award with Oak Leaf Cluster

AF Good Conduct Medal

National Defense Service Medal

Global War on Terrorism Expeditionary Medal

AF Training Ribbon

2018 Air Force New Journalist of the Year

EFFECTIVE DATES OF PROMOTION

Airman First Class: 9 June 2015

Senior Airman: 9 October 2017



BIOGRAPHY



UNITED STATES AIR FORCE

STAFF SERGEANT ANNIEMARIE PROZZILLO (Aircrew Flight Equipment Technician)



Staff Sergeant Annemarie Prozzillo is the Aircrew Flight Equipment Technician for the F-22 Demonstration Team and a member of the 1st Operations Support Squadron. As an Aircrew Flight Equipment technician she is responsible for ensuring all flight and safety equipment is in perfect working order for all F-22 and T-38 pilots at Langley Air Force Base, Virginia.

SSgt Prozzillo enlisted in the Air Force in April 2014. She is a native of Lancaster, Pennsylvania and was a 2011 graduate of Conestoga Valley High School. There, she was on the varsity track and rifle team, band, Technology Student Association, model United Nations and Superintendent Advisory Council. Prozzillo enjoys volunteering in the local community and with the local American Cancer Society chapter.

EDUCATION:

2017- AAS in Aircrew Flight Systems, Community College of The Air Force, Montgomery, AL
Enrolled: Bachelors of Criminal Justice, Saint Leo University, Virginia Beach, VA

ASSIGNMENTS:

2014-present, Aircrew Flight Equipment, 1st Operations Squadron, JB Langley-Eustis

MAJOR AWARDS AND DECORATIONS:

Air Force Achievement Medal

Meritorious Unit Award

AF Outstanding Unit Award

AF Good Conduct Medal

National Defense Service Medal

Global War on Terrorism Expeditionary Medal

Global War on Terrorism Medal

Air Force Expeditionary Service Ribbon with Gold Border

Small Arms Expert Marksmanship Ribbon

AF Training Ribbon

2015 1st Quarter Operational Group Volunteer of the Quarter

2015 1st Fighter Wing Volunteer of the Year

2016 1st Operational Support Squadron Airman of the Year

2017 1st Fighter Wing Tuskegee Airman of the Year nominee

2017 380th Air Expeditionary Wing Warrior of the Week, Al Dhafra UAE

EFFECTIVE DATES OF PROMOTION:

Airmen First Class: 14 April 2014

Senior Airmen: 15 Aug 2016

Staff Sergeant: 1 June 2018



BIOGRAPHY



UNITED STATES AIR FORCE

TECHNICAL SERGEANT JEFFREY BASKIN (Crew Chief)



Technical Sergeant Jeffrey Baskin is a Dedicated Crew Chief on the F-22 Raptor Demonstration Team and a member of the 192nd Aircraft Maintenance Unit. As a Crew Chief, he is responsible for performing detailed inspections, diagnosing malfunctions, replacing components as necessary, looking over aircraft maintenance documentation and overall ensuring the aircraft is safe for the aircrew. He represents Air Combat Command, the United States Air Force and the Department of Defense at more than 20 air shows annually. His mission is to ensure the demonstration team has quality aircraft available to perform a safe demonstration so that millions of spectators are able to see the F-22's air superiority.

Baskin enlisted in the Air Force on 19 November 2002. He is from Virginia Beach, Virginia and graduated Princess Anne High School in 1999 after four years of active duty as a crew chief on the C-5 galaxy; he transitioned to the air force reserves in 2006. In 2008 sergeant Baskin made the jump from cargo to fighter aircraft by joining the Virginia air national guard and becoming a crew chief on the F-22 Raptor. In his free time he enjoys working and driving cars both on and off the race track.

EDUCATION

2009 – Federal Aviation Administration Airframe & Powerplant Airmen Certificate holder

2008- AAS in Aviation Maintenance Technology Degree, Community College of The Air Force, Montgomery, AL

ASSIGNMENTS

2008-present: Dedicated Crew Chief, 192nd Aircraft Maintenance Unit, Joint Base Langley Eustis, VA.

2006-2008: Dedicated Crew Chief, 512th Airlift Wing, Dover Air Force Base, Delaware

2002-2006: Dedicated Crew Chief, 436th Airlift Wing, Dover Air Force Base, Delaware

AWARDS AND DECORATIONS

Air Force Commendation Medal
Air Force Meritorious Unit Award
Air Force Outstanding Unit Award
Air Force Good Conduct Medal
National Defense Service Medal
Global War on Terrorism Service Medal
Air Force Longevity of Service
Air Force Training Ribbon
Virginia National Guard Service Ribbon



BIOGRAPHY



UNITED STATES AIR FORCE

STAFF SERGEANT NICK BANDUCCI (Crew Chief)



Staff Sergeant Nick Banducci is a second year Tactical Aircraft Maintenance Crew Chief with the USAF F-22 Raptor Aerial Demonstration Team, and a key team member of the 27th Aircraft Maintenance Unit. He is responsible for all F-22 maintenance actions, inspections, ground operations, troubleshooting, hydraulic systems, auxiliary power systems, pneudraulic systems, power plant systems, and housekeeping of the aircraft. He represents Air Combat Command, U.S. Air Force, and the Department of Defense at more than 20 air shows annually. By doing so, he ensures the demonstration pilot is equipped with a safe, reliable, and effective F-22 Raptor to execute aerial maneuvers for more than 10 million spectators around the world each year.

Sergeant Banducci was born in Eureka, California and graduated from Eureka High School in 2004. On 17 April 2012, he enlisted into the United States Air Force.

ASSIGNMENTS:

2012 - Present: F-22 Dedicated Crew Chief, Langley AFB, Virginia

MAJOR AWARDS AND DECORATIONS:

Air Force Achievement Medal

Meritorious Unit Award
AF Outstanding Unit Award
AF Good Conduct Medal
National Defense Service Medal
Global War On Terrorism Expeditionary Medal
Global War on Terrorism Service Medal
Air Force Expeditionary Service Ribbon with Gold Border
AF Longevity Service
USAF NCO PME Graduate Ribbon
AF Training Ribbon

EFFECTIVE DATES OF PROMOTION:

Airman First Class Jul 2012
Senior Airman Apr 2014
Staff Sergeant Oct 2017



BIOGRAPHY



UNITED STATES AIR FORCE

STAFF SERGEANT ISRAEL DAVILA (Crew Chief)



Sergeant Israel Davila Jr is a Dedicated Crew Chief on the F-22 Raptor Demonstration Team and a member of the 94th Aircraft Maintenance Unit. As a Crew Chief, he is responsible for performing detailed inspections, diagnosing malfunctions, replacing components as necessary, looking over aircraft maintenance documentation and overall ensuring the aircraft is safe for the aircrew. He represents Air Combat Command, the United States Air Force and the Department of Defense at more than 20 air shows annually. His mission is to ensure the F-22 Raptors are ready to perform at airshows around the world.

Staff Sergeant Davila enlisted in the Air Force on 4 July 2011, to travel the world and gain a higher education. He was born in the Bronx, New York and later moved to Liverpool, New York.

ACCOMPLISHMENTS

2015 - AAS in Aviation Maintenance Technology Degree, Community College of The Air Force, Montgomery, AL

2017 - Federal Aviation Administration Airframe & Powerplant Airmen Certificate holder

ASSIGNMENTS

March 2011 – Mar 2015: Assistant Dedicated Crew Chief, 525 Aircraft Maintenance Unit, Joint Base Elmendorf Richardson, AK.

March 2015- Present: Dedicated Crew Chief, 94th Aircraft Maintenance unit, Joint Base Langley Eustis, VA.

MAJOR AWARDS AND DECORATIONS

1st MXG Dedicated Crew Chief of the Year 2017

Air Force Achievement Medal

Joint Meritorious Unit Award

Meritorious Unit Award

AF Outstanding Unit Award

AF Good Conduct Medal

National Defense Service Medal

Global War on Terrorism Expeditionary Medal
Global War on Terrorism Service Medal
Air Force Expeditionary Service Ribbon with Gold Border
AF Longevity Service
USAF NCO PME Graduate Ribbon
AF Training Ribbon

EFFECTIVE DATES OF PROMOTION

Airman Basic: 05 July 2011
Airman 1st Class: 02 September 2011
Senior Airman: 02 January 2014
Staff Sergeant: 01 April 2016



BIOGRAPHY



UNITED STATES AIR FORCE

STAFF SERGEANT ALEXANDER NICCUM (Crew Chief)



Staff Sergeant Alexander Niccum is a Dedicated Crew Chief on the F-22 Raptor Demonstration Team and a member of the 94th Aircraft Maintenance Unit. As a Crew Chief, he is responsible for performing detailed inspections, diagnosing malfunctions, replacing components as necessary, looking over aircraft maintenance documentation and overall ensuring the aircraft is safe for the aircrew. He represents Air Combat Command, the United States Air Force and the Department of Defense at more than 20 air shows annually. His mission is to ensure the demonstration team has quality aircraft available to perform a safe demonstration so that millions of spectators are able to see the F-22's air superiority.

Staff Sergeant Alexander Niccum enlisted in the Air Force on 11 February 2014 after two years of college at Loras College pursuing a degree in Medical Science. He is a native of Elgin, Illinois and a 2010 graduate of Hampshire High School. During high school, he played football all four years and pursued his passion while attending college.

ACCOMPLISHMENTS

2017 - Federal Aviation Administration Airframe & Powerplant Airmen Certificate holder

ASSIGNMENTS

March 2015- Present: Dedicated Crew Chief, 94th Aircraft Maintenance Unit, Joint Base Langley Eustis, VA.

MAJOR AWARDS AND DECORATIONS

Air Force Commendation Medal

Air Force Achievement Medal

Meritorious Unit Award

Air Force Outstanding Unit Award

National Defense Service Medal

Global War on Terrorism Expeditionary Medal

Global War on Terrorism Service Medal

Air Force Expeditionary Service Ribbon

Air Force Longevity Service

Air Force Training Ribbon

2016 2nd Quarter Maintenance Professional of the Quarter

EFFECTIVE DATES OF PROMOTION

Airman First Class: 11 February 2014

Senior Airman: June 2016

Staff Sergeant: May 2018



BIOGRAPHY



UNITED STATES AIR FORCE

STAFF SERGEANT TYLER VANWATERMULEN (Avionics Specialist)



Staff Sergeant Tyler VanWatermulen is an integrated avionics technician for the F-22 Raptor Demonstration Team and a member of the 1st Fighter Wing. As an avionics specialist, he is responsible for ensuring the aircraft's radar, communication, electrical, environmental, and navigational systems are operational. He represents Air Combat Command, the United States Air Force and the Department of Defense at more than 20 air shows annually. His mission is to ensure the demonstration team has quality aircraft available to perform a safe demonstration so that millions of spectators are able to see the F-22's air superiority.

Staff Sergeant Tyler VanWatermulen enlisted in the Air Force on 22 January 2013. He is a native of Watertown, Minnesota and a graduate of Watertown-Mayer High School. During high school, he participated in track and cross-country. In his free time, he enjoys hiking, hunting and fishing.

EDUCATION

2012 - General Studies, Watertown-Mayer High School, Watertown, MN

2013 – F-22 Advanced Fighter Avionics School, Sheppard AFB, TX

ASSIGNMENTS

September 2013 - Present Integrated Avionics Specialist, 1st Fighter Wing, Joint Base Langley-Eustis, VA.

MAJOR AWARDS AND DECORATIONS

Air Force Commendation Medal
Air Force Outstanding Unit Award
National Defense Service Medal
Global War on Terrorism Expeditionary Medal
Global War on Terrorism Service Medal
Basic Military Training Ribbon
Basic Military Training Honor Graduate

EFFECTIVE DATES OF PROMOTION

Airman Basic – 22 Jan 2013
Airman First Class: 22 Mar 2013
Senior Airman: 22 Jan 2015
Staff Sergeant: 01 Aug 20



BIOGRAPHY



UNITED STATES AIR FORCE

SENIOR AIRMAN JACK DEVOS (Avionics Specialist)



Senior Airman Jack Devos is an integrated avionics technician for the F-22 Raptor Demonstration Team and a member of the 1st Fighter Wing. As an avionics specialist, he is responsible for ensuring the aircraft's radar, communication, electrical, environmental, and navigational systems are operational. He represents Air Combat Command, the United States Air Force and the Department of Defense at more than 20 air shows annually. His mission is to ensure the demonstration team has quality aircraft available to perform a safe demonstration so that millions of spectators are able to see the F-22's air superiority.

Senior Airman Jack Devos enlisted in the Air Force on 30 December 2013. He is a native of Watertown, Minnesota and a graduate of Watertown-Mayer High School. During high school, he participated in track and cross-country. In his free time, he enjoys hiking, hunting and fishing.

EDUCATION

2012 - General Studies, Watertown-Mayer High School, Watertown, MN
2013 – F-22 Advanced Fighter Avionics School, Sheppard AFB, TX

ASSIGNMENTS

September 2013 - Present Integrated Avionics Specialist, 1st Fighter Wing, Joint Base Langley-Eustis, VA.

MAJOR AWARDS AND DECORATIONS

Air Force Longevity Service
Air Force Outstanding Unit Award
National Defense Service Medal
Good Conduct Medal
Global War on Terrorism Expeditionary Medal
Global War on Terrorism Service Medal
Basic Military Training Ribbon

EFFECTIVE DATES OF PROMOTION

Airman Basic – 30 Dec 2013
Airman First Class: 28 Feb 2014
Senior Airman: 28 Jun 2016



BIOGRAPHY



UNITED STATES AIR FORCE

MASTER SERGEANT DARSHELE GREEN (Avionics Specialist)

Master Sergeant Darshale Green is an integrated avionics technician for the F-22 Raptor Demonstration Team and a member of the 192d Aircraft Maintenance Squadron. As an avionics specialist, she is responsible for ensuring the aircraft's radar, communication, electrical, environmental, and navigational systems are operational. She represents Air Combat Command, the United States Air Force and the Department of Defense at more than 20 air shows annually. Her mission is to ensure the demonstration team has quality aircraft available to perform a safe demonstration so that millions of spectators are able to see the F-22's air superiority.

Master Sergeant Darshale Green enlisted in the Air Force on 27 July 2007 after one year of college at Hawaii Pacific University pursuing a degree in Medical Science. She is a native of Petersburg, Virginia and a 2006 graduate of Lloyd C. Bird High School. During high school, she participated in basketball powderpuff football and was a member of the National Junior Honors Society and as well a Junior Marshall. Also during her tenure she has hours of community services helping at assisted living facilities food drives and mentoring to the youth.

EDUCATION

2015 - Community College of the Air Force, Avionics Systems Technology Degree

ASSIGNMENTS

July 2007 – October 2007, Integrated Avionics Specialist, 192d AMXS, Sandston, VA.

October 2007 - Present Integrated Avionics Specialist, 192d AMXS, Joint Base Langley-Eustis, VA.

MAJOR AWARDS AND DECORATIONS

Air Force Commendation Medal
Air Force Achievement Medal
Meritorious Unit Award
Air Force Outstanding Unit Award
Air Force Reserve Forces Meritorious Service Medal
National Defense Service Medal
Global War on Terrorism Expeditionary Medal
Global War on Terrorism Service Medal
Air Force Expeditionary Service Ribbon
Air Force Longevity Service
Armed Forces Reserve Medal With 5 'M' Devices
Air Force Training Ribbon
Virginia Governor's National Service Medal
Virginia National Guard Service Ribbon
Virginia National Guard Perfect Attendance Ribbon

EFFECTIVE DATES OF PROMOTION

Airman First Class: 31 July 2007
Senior Airman: 15 September 2009
Staff Sergeant: 24 April 2012

Technical Sergeant: 01 July 2015



BIOGRAPHY



UNITED STATES AIR FORCE

SENIOR AIRMAN JULIAN LOPEZ (Armament Systems Technician)



Senior Airman Julian Lopez is the Armament Systems Technician for the F-22 Raptor Demonstration Team and member of the 94th Aircraft Maintenance Unit Weapons section. As an Armament Systems Technician he is responsible for ensuring the suspension equipment, launchers, gun systems, and the weapon systems of the F-22 Raptor are maintained and functioning properly. He represents Air Combat Command, the United States Air Force, and the Department of Defense at more than 20 air shows annually.

Senior Airman Lopez enlisted in the Air Force on 03 February 2015. He was born in Oceanside California, and later lived in multiple states across the country due to his military parents. Airman Lopez enjoys hiking, skiing, and running in his free time.

ASSIGNMENTS: 2015- present Armament Systems Technician, 94th Aircraft Maintenance unit, Joint Base Langley-Eustis, VA

AWARDS AND DECORATIONS:

2016 1st MXG Load Crew of the Year
2016 1st Quarter Maintenance Group Airman of the Quarter
2016 1st AMXS Airman of the year
National Defense Service Medal

Air Force Outstanding Unit Award
Basic Military Training Honor Graduate
AF Good Conduct Medal
NCO PME Graduate Ribbon

DATE OF RANK:

A1C: 27 Mar 2015

SrA: 01 May 2017

Phonetic Alphabet

This is the phonetic alphabet used by military units to prevent misunderstood information. Saying a letter that sounds similar to another may be confusing so a phonetic alphabet is used. Military members may slip into spelling something using the phonetic alphabet or in referring to a location. The most popular use of the phonetic alphabet in the Air Force is flightline locations.

Each flightline has a number of rows labeled by the alphabet, and each site on those rows is numbered. So the second site on row Q is called Quebec 2.

Alpha	November
Bravo	Oscar
Charlie	Papa
Delta	Quebec
Echo	Romeo
Foxtrot	Sierra
Golf	Tango
Hotel	Uniform
Indigo	Victor
Juliet	Whiskey
Kilo	X-Ray
Lima	Yankee
Mike	Zulu

F-22 Demonstration Team Contact List

NAME	POSITION	CONTACT NUMBER	Email
Maj. Paul Lopez	Demonstration Pilot	(757) 764-5028	paul.lopez@us.af.mil
MSgt Jamie Fleming	Superintendent	(757) 764-5028	James.fleming.9@us.af.mil
TSgt Yamil Reyes Sanchez	Team Chief	(757) 764-5028	yamil.reyes_sanchez.1@us.af.mil
SrA Kaylee Dubois	Public Affairs Specialist	(757) 878-4920 (757) 764-5701	kaylee.dubois@us.af.mil

F-22 Demonstration Team Social Media

Facebook

- ACC F-22 Raptor Demonstration Team

Instagram

- @f22.raptor.demo

Twitter

- @F22RaptorDemo

Flickr

- F-22 Raptor Demo

Hashtags

- #F22
- #F22Demo
- #F22Raptor
- #RaptorNation

F-22 Demonstration Team Images/ B-Roll

[F-22 Still Images and B-Roll](#)

Please select the above hyperlink for access to the F-22 still images and B-Roll. Feel free to download as many images as you deem necessary to help showcase our Demonstration Team. Images are downloaded in High Resolution.

For Specific questions regarding further requests please contact the team's Public Affairs Specialist, Senior Airman Kaylee Dubois at (757) 764-5701 or email Kaylee.dubois@us.af.mil