



# BIOGRAPHY



## UNITED STATES AIR FORCE

### LIEUTENANT COLONEL CHRISTIN H. VOOR

Lt Col Christin H. Voor is the Deputy Commander of the 36th Operations Group, facilitating allied nations and sister services in the Pacific. She instructed aeronautical engineering, teaching flight test techniques at the U.S. Air Force Academy. Lt Col Voor was the branch chief of aircrew management at Headquarters Air Force Global Strike Command as a B-52 Test Pilot. Lt Col Voor supported as the test management division commander in the 49th Test and Evaluation Squadron. As a developmental test pilot in the 419th Flight Test Squadron for the B-52 and C-12, she served as the B-52 Flight Commander, Safety Officer, and Chief of Training for the B-1, B-2, and B-52.

Lt Col Voor graduated with distinction from the U.S. Air Force Academy in 2008, earning a Bachelor of Science degree in Astronautical Engineering. She studied in the cadet summer research program at the University of Surrey, England on small satellites attitude determination and control systems for FalconSAT-3 gravity-gradient stabilization.

She received a Master of Science degree in 2010 from MIT, where she researched at the Humans and Automation Laboratory in the Aero Astro Engineering Department focusing on vigilance in human supervisory control of networked unmanned vehicles and advanced astrodynamics. She exchanged at the University of Braunschweig - Institute of Technology, Germany in Aeronautical Engineering. Lt Col Voor earned her wings from the Euro-NATO Joint Jet Pilot Training Program in 2011 before attending the B-52 Formal Training Unit in 2012. She served as the executive officer to the squadron commander at Minot AFB, N.D. in the 69th Bomb Squadron. Lt Col Voor provided Pacific power projection from Andersen AFB, Guam in 2014 in the continuous bomber presence.

At the U.S. Air Force Test Pilot School in class 16B, Lt Col Voor's project in the experimental test pilot course tested long-duration G-forces in the T-38 to develop aircrew flight equipment to warn of G-LOC and hypoxia. She is a B-52 instructor test pilot with more than two thousand hours in 43 types of aircraft.

#### EDUCATION

2008 Bachelor of Science degree in Astronautical Engineering, US Air Force Academy, Colorado Springs, Colo.

2010 Master of Science degree in Aeronautical and Astronautical Engineering, Massachusetts Institute of Technology, Cambridge, Mass.

2015 Air University Squadron Officer School, Maxwell AFB, Ala.

2017 Master of Science Degree in Experimental Test Pilot Course of Flight Test Engineering, US Air Force Test Pilot School, Edwards, Cali.

2021 Air Command and Staff College, Deliberate Development



## **ASSIGNMENTS**

1. August 2008 to June 2010, graduate student, Massachusetts Institute of Technology, Cambridge, Mass.
2. July 2010 to September 2011, student, Euro-NATO Joint Jet Pilot Training, Sheppard AFB, Texas
3. October 2011 to September 2012, student, B-52 Formal Training Unit, 11th Bomb Squadron, Barksdale AFB, La.
4. October 2012 to May 2016, B-52 aircraft commander and instructor pilot, 69th Bomb Squadron, Minot AFB, N.D.
5. June 2016 to June 2017, student, US Air Force Test Pilot School, Edwards AFB, Cali.
6. July 2017 to August 2018, test pilot and B-52 flight commander, 419th Flight Test Squadron, Edwards AFB, Cali.
7. August 2018 to April 2019, B-52/C-12 test pilot/chief of training, 419th Flight Test Squadron, Edwards AFB, Cali.
8. April 2019 to January 2020, division commander, 49th Test and Evaluation Squadron, Barksdale AFB, La.
9. January 2020 to May 2021, aircrew branch chief, Air Force Global Strike Command, Barksdale AFB, La.
10. May 2021 to February 2024, instructor of aeronautics, Dean of Faculty, U.S. Air Force Academy, Colo.
11. February 2024 to present, deputy commander, 36th Operations Group, Andersen AFB, Guam

## **FLIGHT INFORMATION**

Rating: Senior Pilot

Flight hours: 2,000

Aircraft flown: B-52H, ASK-21, C-12C, C-17A, C-150, C-152, C-172, C-182, DA-20, DG-1000, E-300B, ERCO Ercoupe, F-15E, F-16D, G-103 III, HU-16, J-3, KC-135R, L-39C, LJ-25, M-20C, M-20E, M-20J, NF-16D, OH-58C, PA-18S, PA28-151, PA34-200, R-44 II, Rutan Long-EZ, RV-6A, S-2 Biplane, SGS-233, SGT-377 Superguppy, SR-20, T-6 SNJ-5, T-6A, T-38C, T-41D, TG-10B, U-6A, UH-72, Yak-52

## **MAJOR AWARDS AND DECORATIONS**

Meritorious Service Medal

Aerial Achievement Medal

Air and Space Commendation Medal with oak leaf cluster

Air and Space Outstanding Unit Award with two oak leaf clusters

Air and Space Organizational Excellence Award

Combat Readiness Medal

National Defense Service Medal

Global War on Terrorism Service Medal

Nuclear Deterrence Operations Service Medal with 'N' device

Air and Space Expeditionary Service Ribbon

Air and Space Longevity Service with three oak leaf clusters

Air and Space Training Ribbon

## **PUBLICATIONS**

Hypersonics, Air-launched Rapid Response Weapon Instrumented Measurement Vehicle #1 Integration Test and Eval, Mar 2019

Aerial Refueling Safety Package Project Pilot, KC-30A/B-52H Coalition Tanker: Boom Sensor Fault Test Strategy, 27 Jul 2018

USAF Test Pilot School Test Management Project, Have Puffin: Experimental testing of Aircrew Flight Equipment in Fighter Aircraft, May 2019

Interacting with Computers Journal Article, Boredom and Distraction in Multiple Unmanned Vehicle Supervisory Control, Oxford University Press, 2013

MIT Master's Thesis in Aeronautics and Astronautics, Assessing the Impact of Low Workload in Supervisory Control of Networked Unmanned Vehicles, Jun 2010

Human Factors and Ergonomics Society Journal Article, The Role of Human-Automation Consensus in Multiple Unmanned Vehicle Scheduling, Feb 2010

American Institute of Aeronautics and Astronautics (AIAA) Conference Paper, Assessing Operator Workload and Performance in Expeditionary Multiple Unmanned Vehicle Control, Jan 2010

Astronautical Sciences Journal Article, Attitude Determination for FalconSAT 3 Using Kalman Filtering, May 2008

AIAA Conference Paper, Attitude Determination for UoSAT Using Kalman Filtering, Apr 2008 (Region V 1st Place)

AIAA Conference Paper, Achieving Gravity-Gradient Stabilization for FalconSAT 3, Apr 2008

NASA Flight Controllers Robotics Console Handbook Section, Dexterous Handling Targets, Jul 2003 (Age 17)

**EFFECTIVE DATES OF PROMOTION**

Second Lieutenant May 28, 2008

First Lieutenant May 28, 2010

Captain May 28, 2012

Major December 1, 2017

Lieutenant Colonel June 1, 2023

(Current as of June 2024)