



# BIOGRAPHY



## UNITED STATES AIR FORCE

### COLONEL TIMOTHY D. WEST



Colonel Timothy D. West is the Deputy Director, Aerospace Systems Directorate, Air Force Research Laboratory, Wright-Patterson Air Force Base, OH. In this capacity, he assists the director with leadership of the Air Force's science and technology program in propulsion, power and air vehicles for advanced next-generation space, missile and aircraft applications. The Aerospace Systems Directorate consists of a workforce of more than 1,800 military members, civilians, and contractors executing an annual budget in excess of \$700 million and \$4 billion in research facilities spread over 65 square miles at Wright-Patterson AFB, OH; Edwards AFB, Calif., and Arnold AFB, Tennessee.

Colonel West is a career acquisition officer with command experience in science & technology, test & evaluation, and program management organizations. He is a graduate of the USAF Test Pilot School and the Air War College, and a Distinguished Graduate of the Air Force Reserve Officer Training Corps and the Air Command and Staff College. He is a

Senior Non-Rated Aircrew Member with over 450 flying hours in various military and civilian aircraft.

Colonel West graduated from the University of Kentucky in 1990 with a Bachelor of Science in Mechanical Engineering. He entered the Air Force in 1991 as a project engineer on the Titan IV Solid Rocket Motor Upgrade program at Norton AFB, CA. Colonel West next served as a program manager for multiple environmental restoration programs and wind tunnel test projects at Arnold Engineering Development Center, TN. In 1997, he was reassigned to Holloman Air Force Base, NM, where he conducted flight testing of air-to-air and air-to-ground weapons over White Sands Missile Range. In 1999, he was selected for the USAF Test Pilot School's Flight Test Engineer Course. Upon graduation, he was transferred to Eglin AFB, FL, where he led developmental flight testing of the AMRAAM and AIM-9X weapons. In 2003, he became a Program Element Monitor under the Assistant Secretary of the Air Force for Acquisition, Directorate of Special Programs, Washington D.C. In 2005 he attended the Air Command and Staff College at Maxwell AFB, AL. In 2006, Colonel West became the Operations Officer of the 46th Test Squadron at Eglin Air Force Base, FL, where he coordinated the operations of AFMC's largest and most diverse test squadron. In 2007, Colonel West assumed command of a cyber test squadron. In 2009, he assumed command of the 631st Electronic Systems Squadron, Hanscom AFB, MA, which was redesignated the Intelligence Systems Branch in 2010. In 2011, Colonel West deployed to the 386th Air Expeditionary Wing in Southwest Asia, where he served as the Director of Staff for a 2,000 person C-130 airlift wing. In 2011 he was selected to attend the Air War College at Maxwell AFB, AL. After graduation, Colonel West was assigned to Eglin Air Force Base, FL, where he served as Commander, Eglin Research Site and Deputy Director, Munitions Directorate, Air Force Research Laboratory. Colonel West came to Wright-Patterson Air Force Base from Arnold Air Force Base, TN, where he served as Senior Materiel Leader, Test Operations Division, Arnold Engineering Development Complex, from 2014 to 2018.

## **EDUCATION**

1990 Bachelor of Science in Mechanical Engineering, University of Kentucky, Lexington, KY  
1996 Master of Science in Industrial Engineering, University of Tennessee, Tullahoma, TN  
1997 Master of Science in Aerospace Engineering, University of Tennessee, Tullahoma, TN  
2000 Air Force Test Pilot School, Edwards AFB, CA  
2006 Master of Military Operational Art and Science, Air University, Maxwell AFB AL  
2012 Master of Strategic Studies, Air University, Maxwell AFB AL  
2013 Graduate Certificate in Systems Engineering, Air Force Institute of Technology, WPAFB OH

## **ASSIGNMENTS**

1. 1991–1993: Mechanical Systems Project Manager, Titan IV Program Office, Norton AFB, CA
2. 1993–1995: Lead Engineer, Environmental Projects, Arnold AFB TN
3. 1995–1997: Aircraft Systems Test Project Manager, Arnold AFB TN
4. 1997–1999: Chief, Air Weapons Test Branch, 586th Flight Test Squadron, Holloman AFB NM
5. 1999–2000: Student, USAF Test Pilot School, Edwards AFB CA
6. 2000–2002: Director of Test, Air-to-Air Missile Test Flight, Eglin AFB FL
7. 2002–2003: Assistant Dir. of Operations, Munitions Test Division, Eglin AFB FL
8. 2003–2005: Chief, Infrared Countermeasures Branch, Directorate of Special Programs, Assistant Secretary of the Air Force (Acquisition), Headquarters U.S. Air Force, Washington D.C.
9. 2005–2006: Student, Air Command and Staff College, Maxwell AFB AL
10. 2006–2007: Operations Officer, 46th Test Squadron, Eglin AFB FL
11. 2007–2009: Commander, Classified Test Squadron, Edwards AFB CA
12. 2009–2010: Commander, 631st Electronic Systems Squadron, Hanscom AFB MA
13. 2010–2011: Chief, Intelligence Systems Branch, Electronic Systems Center, Hanscom AFB MA
14. 2011–2011: Director of Staff, 386th Air Expeditionary Wing, Southwest Asia
15. 2011–2012: Student, Air War College, Maxwell AFB AL
16. 2012–2014: Commander, Eglin Research Site and Deputy Director, Munitions Directorate, Air Force Research Laboratory, Eglin AFB FL
17. 2014–2018: Senior Materiel Leader, Test Operations Division, Arnold Engineering Development Complex, Arnold Air Force Base, TN
18. 2018–Present: Deputy Director, Aerospace Systems Directorate, Air Force Research Laboratory, Wright-Patterson AFB OH

## **FLIGHT INFORMATION**

Flight hours: 466

Aircraft flown: T6-G, T-34C, T-37, T-38A, AT-38B, T-39E, T-43A, F-15B, F-15D, F-15E, F-16B, F-16D, F-16DJ, F/A-18B, Learjet-24, KC-135R, C-12C, C-12J, C-130A, Schweizer 2-33, ASK-21, BE-18, L-23, LJ-24, MB-326, OH-58C, HH-60, NH-500E, P-180, and the Goodyear Blimp

## **MAJOR AWARDS AND DECORATIONS**

Legion of Merit Medal with one Oak Leaf Cluster  
Meritorious Service Medal with six Oak Leaf Clusters  
Aerial Achievement Medal with two Oak Leaf Clusters  
Air Force Commendation Medal with one Oak Leaf Cluster  
Air Force Achievement Medal with one Oak Leaf Cluster

## **EFFECTIVE DATES OF PROMOTION**

Second Lieutenant: 23 Dec 1990  
First Lieutenant: 8 May 1993  
Captain: 8 May 1995  
Major: 1 Mar 2002  
Lieutenant Colonel: 1 Feb 2007  
Colonel: 1 Sep 2012

(Current as of Aug 2018)