



# BIOGRAPHY



## UNITED STATES AIR FORCE

### COLONEL WILLIAM E. YOUNG, JR., PHD

Colonel William E. Young, Jr is the Commander, 350th Spectrum Warfare Wing, Eglin AFB, Florida. The 350th SWW is comprised of over 1200 current and 2131 planned military and civilian personnel across eight units at three locations throughout the United States. Col. Young leads delivery of electromagnetic spectrum capabilities to 69 United States and Foreign Partner electromagnetic warfare systems. Additionally, Col. Young is responsible for electromagnetic warfare reprogramming, modeling and simulation, and assessments. He advises the USAF Warfare Center Commander and Department of the Air Force senior leaders on the integration of technology, policy, and operations to enable forces to attain Spectrum Warfare (SW) superiority.

Col. Young was commissioned in 1991 after graduating from the United States Air Force Academy. He is a Distinguished Graduate of the US Air Force Weapons School and possesses a PhD in Engineering Systems from the Massachusetts Institute of Technology (MIT). Col. Young was also a Military Fellow at MIT Lincoln Laboratories in the Cyber System Assessments Group and a member of the Red Team. He also established and was the initial Director of the Air Force's Cyber College at Maxwell AFB, Alabama. Col. Young is an Instructor Electronic Warfare Officer with more than 2,500 flying hours primarily in the EA-6B and B-52 aircraft, including 240 combat hours during Operation ENDURING FREEDOM.

Prior to his current position Col. Young was Special Assistant for Spectrum Warfare, Eglin AFB, Fla.



### EDUCATION

- 1991 Bachelor of Science in Engineering Science, USAF Academy, Colorado Springs, Colo.
- 1997 Squadron Officers School (in-residence and correspondence), Maxwell AFB, Ala.
- 1999 Master of Arts in Organizational Management, George Washington University, Washington D.C.
- 2001 United States Air Force Weapons School, Nellis AFB, Nev.
- 2003 Air Command and Staff College (correspondence), Maxwell AFB, Ala.
- 2005 Master of Military Operational Art and Science, Air Command & Staff College, Maxwell AFB, Ala.
- 2006 Master of Air Power Arts and Science, School of Advanced Air & Space Studies, Maxwell AFB, Ala.
- 2008 Air War College (correspondence), Maxwell AFB, Ala.
- 2011 Master of Strategic Studies (Grand Strategy Program), Air War College, Maxwell AFB, Ala.
- 2016 PhD in Engineering Systems, Massachusetts Institute of Technology, Cambridge, Mass.

### ASSIGNMENTS

1. Nov 1991 - Sep 1992, Student Navigator, Specialized Undergraduate Navigator / EWO Training, Mather Air Force Base, Calif.
2. Sep 1992 - Feb 1993, Student, B-52 Initial Qualification Training, Castle AFB, Calif.
3. Feb 1993 - July 1994, B-52H EWO, 644th Bomb Squadron, K.I. Sawyer Air Force Base, Mich.
4. July 1994 - Jan 1995, Wing Executive Officer, B-52H EWO, 410th Bomb Wing, K.I. Sawyer AFB, Mich.
5. Jan 1995 - Jan 1996, B-52H EWO, Base Chief of Protocol, later Wing Executive Officer, 5th Bomb Wing, Minot AFB, N.D.
6. Feb 1996 - July 1997, B-52H EWO, Instructor EWO, Assistant Wing Tactical Deception Officer, 23d Bomb Squadron, Minot AFB, N.D.

7. July 1997 - July 1999, Air Force Intern Program. Rotations in Office of the Under Secretary for Defense for Acquisition and Technology; HQ USAF, DCS Air and Space Operations, Air Force Operations Group; HQ USAF, DCS Air and Space Operations, CHECKMATE Division. Pentagon, Washington D.C.
8. July 1999 - Dec 2001, B-52H requalification training, B-52 FTU Instructor, Flight Scheduler, and later Chief of Flight Scheduling, 11th Bomb Squadron, Barksdale Air Force Base, La.
9. Jan 2001 - June 2001, Student, USAF Weapon School, USAF Weapon School, Barksdale AFB, La.
10. July 2001 - May 2002, Squadron Weapons Officer, 11th Bomb Squadron, Barksdale AFB, La. (Jan 2002 - Mar 2002, Team Chief - Mission Planning Cell, 40th Expeditionary Bomb Squadron, Diego Garcia NSF, British Indian Ocean Territory) (Mar 2002 - May 2002, Team Chief, Operation ENDURING FREEDOM Fighter/Bomber Master Air Attack Planning Cell, B-52 Liaison Officer, Operation ENDURING FREEDOM Strategy Team member, Information Warfare Flight Augmentee, Combined Air Operations Center, Prince Sultan Air Base, Saudi Arabia)
11. June 2002 - July 2004, Instructor Weapons Officer, Operations Support Flight Commander, Assistant Operations Officer, 340th Weapons Squadron, USAF Weapons School, Barksdale AFB, La.
12. Aug 2004 - June 2005, Student, Air Command and Staff College, Maxwell AFB, Ala.
13. June 2005 - June 2006, Student, School of Advanced Air and Space Studies, Maxwell AFB, Ala.
14. July 2006 - March 2008, Operations Officer, 388th Electronic Combat Squadron, NAS Whidbey Island, Wash.
15. March 2008 - June 2009, Commander, 388th Electronic Combat Squadron, NAS Whidbey Island, Wash.
16. July 2009 - July 2010, Director, Air Education and Training Command Commander's Action Group
17. July 2010 - May 2011, Student, Air War College Grand Strategy Program, Maxwell AFB, Ala.
18. June 2011 - Aug 2011, Cyber Research with USAF Chief Scientist for Information Assurance, Rome, N.Y.
19. Sep 2011 - July 2014, PhD Candidate, Engineering Systems Division, Massachusetts Institute of Technology, Cambridge, Mass.
20. July 2014 - Aug 2016, Director Air University Cyber College and Cyber/EW Research Task Force, Maxwell AFB, Ala.
21. Aug 2016 - Aug 2019, Commander, 53d Electronic Warfare Group, Eglin AFB, Fla.
22. Aug 2019 - June 2021, Special Assistant for Spectrum Warfare, Eglin AFB, Fla.
23. June 2021 - Present, Commander, 350th Spectrum Warfare Wing, Eglin AFB, Fla.

## **FLIGHT INFORMATION**

Rating: Master Navigator

Flight hours: More than 2,500

Primary Aircraft flown: EA-6B, B-52 G/H, T-43

## **BADGES**

Master Cyberspace Operations Badge

## **MAJOR AWARDS AND DECORATIONS**

Legion of Merit

Meritorious Service Medal with six oak leaf clusters

Air Medal with one oak leaf cluster

Aerial Achievement Medal

Air Force Commendation Medal with one oak leaf cluster

## **EFFECTIVE DATES OF PROMOTION**

Second Lieutenant May 29, 1991

First Lieutenant May 29, 1993

Captain May 29, 1995

Major March 1, 2002

Lieutenant Colonel Dec 1, 2006

Colonel April 1, 2012

(Current as of May 2021)