



BIOGRAPHY



UNITED STATES AIR FORCE

MR. JAY S. KOST

Mr. Jay S. Kost serves as the Acting Chief Engineer of the 711th Human Performance Wing (711 HPW), Air Force Research Laboratory (AFRL), Wright-Patterson Air Force Base, Ohio. He is the engineering technical authority for 1,200+ personnel, 68 occupational specialties and \$320M+ in combined science & technical and defense health program funding. The 711 HPW advances human performance and integration for air, space and cyberspace through research, education, consultation and operational support. The Wing operates at nine geographically separated sites and includes the Human Effectiveness Directorate and the U.S. Air Force School of Aerospace Medicine (USAFSAM).

Mr. Kost provides advice and counsel to the 711 HPW Commander, mission leaders, chief scientist, senior staff, and other wing personnel on systems engineering and program management (SEPM). He ensures effective SEPM is executed throughout the organization to enable efficient operations and successful product transition. Additionally, he develops and implements policies, processes and best practices to ensure technical conduct, progress, performance, quality assurance, configuration management, technology transition planning, and results are executed in compliance with established requirements.



Kost entered the Air Force in November 1994 through ROTC from Ohio University as a Second Lieutenant. He served in several flight chief roles as a civil engineering officer at Randolph AFB and Kelly AFB from 1995-1999. He was a senior engineer and project manager for several commercial design build firms from 1999-2005. He completed Squadron Officers School, Air Command and Staff College and Air War College. He deployed seven times in 10 years in support of Operation Iraqi Freedom, Defense Support to Civil Authorities, and the Global War on Terrorism. He served as the Air Force Radiation Assessment Team (AFRAT) Chief from 2016-2019. Kost retired from the U.S. Air Force as a Lieutenant Colonel in October 2020. Prior to his current position, Kost was the Deputy Chief Engineer and Wing Test Lead for the 711th Human Performance Wing.

EDUCATION

- 1994 Bachelor of Science, Electrical Engineering, Ohio University, Athens, Ohio
- 1995 Civil Engineering Officer School, Air Force Institute of Technology, Wright-Patterson AFB, Ohio
- 1997 Master of Science, Engineering Systems Management, St. Mary's University, San Antonio, Texas
- 2005 Bioenvironmental Engineering Officer School, U.S. Air Force School of Aerospace Medicine, Wright-Patterson AFB, Ohio
- 2006 Squadron Officer School, Air University, Maxwell AFB, Ala.
- 2010 Air Command and Staff College, Air University, Maxwell AFB, Ala.
- 2016 Air War College, Air University, Maxwell AFB, Ala.

CAREER CHRONOLOGY

1. May 2025 – Present, Acting Chief Engineer and Wing Test Lead, 711th Human Performance Wing, Air Force Research Laboratory, Wright-Patterson Air Force Base, Ohio





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2. October 2020 – May 2025, Deputy Chief Engineer and Wing Test Lead, 711th Human Performance Wing, Air Force Research Laboratory, Wright-Patterson AFB, Ohio
3. June 2019 – October 2020, Chief, Medical Program Management Office, Air Force Medical Readiness Agency, Defense Health Headquarters, Falls Church, Va.
4. July 2017 – June 2019, Deputy Chief, Human-Centered Intelligence Surveillance and Reconnaissance Division, 711th Human Performance Wing, Human Effectiveness Directorate, Air Force Research Laboratory, Wright-Patterson AFB, Ohio
5. July 2014 – July 2017, Chief, Occupational Analytical Services Division, 711th Human Performance Wing, U.S. Air Force School of Aerospace Medicine, Air Force Research Laboratory, Wright-Patterson AFB, Ohio
6. May 2013 – July 2014, Medical Requirements Officer, Joint Requirements Office, Joint Staff, J-8 Pentagon, Arlington, Va.
7. November 2010 – May 2013, Executive Assistant to the Deputy Director, Force Protection and Counter Weapons of Mass Destruction, Joint Staff, J-8 Pentagon, Arlington, Va.
8. March 2007 – November 2010, Bioenvironmental Engineering Flight Commander, 56th Fighter Wing, Air Education and Training Command, Luke AFB, Ariz.
9. October 2004 – March 2007, Bioenvironmental Engineering Flight Deputy Commander, 82nd Flying Training Wing, Air Education and Training Command, Sheppard AFB, Texas
10. June 1999 – October 2004, Senior Engineer / Project Manager, Chapel Electric, Dayton, Ohio
11. January 2002 – December 2002, Senior Electrical Engineer, DWG Engineering, Mt. Pleasant, S.C.
12. December 1997 – June 1999, Chief, Simplified Acquisition Engineering Flight, Simplified Acquisition Engineering Flight, Air Force Materiel Command, Kelly AFB, Texas
13. November 1994 – November 1997, Base Maintenance / Electrical Engineer, 12th Civil Engineering Squadron, Air Education and Training Command, Randolph AFB, Texas

PROFESSIONAL MEMBERSHIPS AND ASSOCIATIONS

Society of American Military Engineers

Ohio Licensed Professional Engineer

Project Management Professional

Certified Safety Professional

Defense Acquisition Workforce Improvement Act Engineering and Technical Management Practitioner

Defense Acquisition Workforce Improvement Act Program Management Practitioner

(Current as of July 2025)

