



Jon S. Ogg

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Mr. Ogg spent 33 years with the USAF serving in multiple assignments of increasing responsibility spanning defense systems research, development, and sustainment. He is an experienced Systems Engineer who spent his first 15 years tackling engineering challenges spanning virtually all AF fighter, bomber, airlift and trainer propulsion systems in the field today. In 1991 he expanded his breadth of experience and responsibility to a critical leadership role serving as Chief Engineer for the F-22 Advanced Tactical Fighter for nearly a decade, bringing it from source selection to production. As the Director of Engineering for the Research, Acquisition and Sustainment arm of the Air Force, Mr. Ogg was responsible for a technical workforce of over 12,000 and the processes and policies governing their operations. He led numerous high level teams spanning acquisition strategies, RFP preparation, risk assessments, flight certifications, counter-IED solutions, and production cost-cutting initiatives. Mr. Ogg was the Chief Information Officer (CIO) and Director of Communications for Air Force Materiel Command. In this capacity, he was the command's primary catalyst for e-business transformation, cutting over \$200M (20%) out of operations during his 2.5 year tenure. Mr. Ogg retired as a Tier 2 SES (2 Star General officer equivalent).

Principal Areas of Expertise

Acquisition Management and Systems Engineering

Served as Chief/Lead Engineer for multiple propulsion programs including F100, F110, TF-34, F101, YF120, YF119, and Cruise Missile systems. Led the development and initial production of F-22 ATF while acting as a primary interface to senior AF and OSD personnel. Took lead in revitalizing Systems Engineering across AFMC and stood up a classified development planning organization responsible for application of advanced technologies in birthing new weapon systems.

Engineering Policy and Processes

Led the charge in formulating new policy and practices for assuring Operational Safety, Suitability, and Effectiveness of Air Force Weapon Systems. Developed Air Worthiness policy and processes, paralleling FAA for certification. Established Systems Engineering policy and core competency requirements for practicing Systems Engineers.

Information Technology and Communications

Championed the campaign to bring AFMC's IT application certification up to AF standards of 95% currency. Led regionalization of email services, and integrated the operations and investment side of the Comm business into a single organization across all Centers within the Command.

Advanced Technology/Systems

Established direct links between 6.2/6.3 research and rapid fielding of Counter-IED, advanced turbine engine and hydrocarbon-based hypersonic propulsion. Institutionalized M&S and Systems of Systems focus as key enablers for reducing development cycle time while providing integrated solutions to warfighter's needs.

Position

Associate

Education

BS, Aeronautical and Astronautical Engineering

Ohio State University

MS, Aeromechanical Engineering

Ohio State University

MS, Business Administration

Sloan Fellowship Program,

Massachusetts Institute of

Technology

PhD Coursework/Exams, Engineering

Mechanics

Ohio State University

Key Positions

Director of Engineering and Technical Management

HQ AFMC

Chief Information Officer and Director of Communications

HQ AFMC

Director, Engineering and Technical Management Directorate

ASC

Chief Engineer

F-22

Chief, Propulsion and Power Engineering Division

Advanced Tactical Fighter

Chief, Strategic Engines

Fighter/Bomber/Cruise Missiles

Organizational Memberships

American Institute of Aeronautics and Astronautics

Wright State Engineering Advisory Board

University of Dayton Engineering Advisory Board

The Ohio State University Aeronautical Engineering Advisory Board

DSPCon Board of Directors

Air Force Association

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Detailed Work History

<p>2008 – present <i>Dayton, Ohio</i></p>	<p>Associate Dayton Aerospace, Inc.</p>
<p>2007 – 2008 <i>Wright-Patterson AFB, OH</i></p>	<p>Director of Engineering and Technical Management Headquarters, Air Force Materiel Command</p> <p>Led the development and implementation of engineering policies and practices spanning S&T, RDT&E, and sustainment across Command of 78,000. Charged with systems engineering and technical management policy and practices focused on achieving fleet operational safety, suitability and effectiveness. Directed development of new initiatives designed to improve the recruitment and career management of military and civilian scientists and engineers. Developed fleet recapitalization model for use in assessing legacy vs. new system costs.</p>
<p>2005 – 2007 <i>Wright-Patterson AFB, OH</i></p>	<p>Chief Information Officer and Director of Communications Headquarters, Air Force Materiel Command</p> <p>Command's catalyst for e-business transformation, responsible for identifying enterprise-wide e-business solutions for enabling mission and functional operations. Managed nearly \$1B in resources for development and employment of e-business solutions. Eliminated redundancy and inefficiencies in business processes, netting over \$200M in savings. Built a partnership with DISA to drive out costs in DISA's operations, netting 30% cost reduction to customers.</p>
<p>2003 – 2005 <i>Wright-Patterson AFB, OH</i></p>	<p>Director of Engineering and Technical Management Headquarters, Air Force Materiel Command</p> <p>Championed the move to revitalize Modeling, Simulation and Analysis as the enabler for Capability Planning across AFMC. Air Force lead for the Air, Land, Sea, & Space Joint Technical for BRAC 05. Developed the quantitative methodology for assessing Military Value that was embraced across all technical subgroups. Led development of the roadmap and guide for revitalizing Systems Engineering (SE) across AF and Industry</p>
<p>1999 – 2003 <i>Wright-Patterson AFB, OH</i></p>	<p>Director, Engineering and Technical Management Directorate Aeronautical Systems Center</p> <p>Championed the move to revitalize developmental planning by establishing a Special Program Office as birthing ground for new systems. Led the F/A-22 Red Team charged with ascertaining cost/effort to completion. Results served as basis for program restructure. Led the effort for OSS&E, Airworthiness Certification (AFPD 62-6), and revitalization of Systems Engineering. Director for multiple independent reviews of weapon and propulsion systems to include Global Hawk, T-6, C130 & C-5 AMPs.</p>
<p>1991 – 1999 <i>Wright-Patterson AFB, OH</i></p>	<p>Chief Engineer, F-22 Systems Program Office Aeronautical Systems Center</p> <p>Responsible for the design, development, testing and entry into production of the F-22 Advance Tactical Fighter and F119 Propulsion System.</p>
<p>1981 – 1991</p>	<p>Chief, Propulsion and Power Engineering Division, ATF SPO, WPAFB, OH Technical Advisor, Directorate of Flight Systems Engineering, WPAFB, OH Chief of Strategic Engines Engineering, Office of the Deputy for Propulsion, WPAFB, OH Chief Engineer, F110-GE-100 Engine, Office of the Deputy for Propulsion, WPAFB, OH Director, TF34-100 Durability & Damage Tolerance Assessment, Lynn, MA</p>

