

# STEPHEN HOOGASIAN

ASSOCIATE, DAYTON AEROSPACE, INC.

## PROFILE

Seasoned leader with over 35 years of experience in both military and commercial aerospace realms. Expertise includes a unique emphasis in nascent systems development, data integration and cyber hardening, combined with current operational experience. Colonel, US Air Force (USAF) (Retired).

## WORK HISTORY

### Associate | Dayton Aerospace, Inc.

2020-present, *Dayton, OH*

Provide subject matter expertise and support to industry, military, and government organizations in a range of areas across the acquisition life cycle, including aerospace operations, integration, weapon system cybersecurity, and strategic planning.

### First Officer | United Airlines

1998-present, *currently Washington Dulles*

Pilot in command rating, second in command position with a perfect flying safety record for Boeing 777, 767, 757, 737 and Airbus A320/319 aircraft. Participated in Airline Pilots Association (ALPA) information gathering on detrimental effects of cabotage by non-US flagged carriers within US—recommended against congressional support without international reciprocal privileges US carriers.

### Director, Current ISR Ops Group | National Reconnaissance Office

2011-2013, *Chantilly, VA*

Led multi-agency team developing, acquiring and ops-testing new airborne intelligence sensors. Responsible for program budgets exceeding \$250M annually to successfully field light detecting and ranging (LIDAR) and other nascent airborne spectral systems. Coordinated implementation of comprehensive new data architectures and sensor standards with National Geospatial-Intelligence Agency (NGA) counterparts. Operationally integrated highly unique three-dimensional point-cloud data systems for sensor platforms with tactical and strategic users.

### Director, Link-16 Alaska Datalink Project | ProLogic

2010-2011, *Manassas, VA*

Led aerospace team executing \$11M+ military aircraft data-link system across Alaska. Introduced program to new earned value management (EVM) techniques, configuration management systems and creative resource allocation—reigning in cost, improving schedule, and delivering top system performance under budget. Coordinated/led aerospace industry partner teams to use new technology radios, software and charter aircraft to create an on-demand commercial test-bed capability. Result: Data-link system delivered for tests on-time and Contractor Performance Assessment Reporting System (CPARS) ratings improved dramatically. Secured three new contracts valued at \$12M in revenue.

### Strategic Projects Officer | USSTRATCOM/J5

2009-2010, *Offut, NE & NRO, VA*

Performed national space policy reviews, created executive-level briefs and interjected changes and recommendations on behalf of STRATCOM—resulting in a new, multi-agency-coordinated US space policy signed and implemented by President Obama's administration. At the National Reconnaissance Office (NRO), spearheaded coordination and nascent implementation of allied cooperative precision geo-location effort. Briefed top Royal Australian Air Force (RAAF) leaders and HQ US Air Force (USAF) general on benefit for joint use of forces. Effort resulted in decisions by RAAF and USAF to test joint interface for joint-allied operational use in search/rescue and target localization.



## DAYTON AEROSPACE

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## EDUCATION

**MA, Performance Psychology**  
National University

**BS, Engineering**  
US Air Force Academy

**Air War College**

## RATINGS

**Unmanned Aerial Systems (UAS)/Drone Pilot**

**Airling Transport Pilot (ATP)**

**Certified Flight Instructor, Instrument (CFII)**

**Multi-Engine Instructor (MEI)**

## PROFESSIONAL ASSOCIATIONS

**Air Line Pilots Association (ALPA)**

**Aircraft Owners & Pilots Association (AOPA)**

**U-2 Dragon Lady Association**

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**Division Chief | HQ USAF, Regional Plans & Issues (A5XX)  
2008-2009, Pentagon, VA**

Led USAF team responsible for joint air/space interoperability and international air forces ops-to-ops talks for nine nations. Drove embed of US special tactics instructor with RAAF schoolhouse to ensure joint interoperability. Successfully spearheaded new DoD guidance for common fleet servicing to foreign military aircraft. Senior USAF member of OSD team assessing and recommending basing location options for HQ AFRICOM. Interfaced with United States Trade and Development Agency (USTDA) and US Department of State officials to develop nation-building options for AFRICOM. Coordinated USAF positions with Federal Aviation Administration (FAA) on Safe Skies for Africa program. Briefed and prepared USAF Vice-Commander and USAF Budget Programmer for Defense Secretariat-level decision-brief to select top two location options for HQ AFRICOM.

**USAF Irregular Warfare Staff Officer | USAF Irregular Warfare Division (A5RQ)  
2007-2008, Pentagon, VA**

Researched implementation strategies for DoD Directive 3000.05 reference stability, security, transition, and reconstruction. Prepared decision and information briefs for senior USAF leaders on findings. Senior USAF advisor to the Scientific Advisory Board assessing aerospace and laser industry progress pursuing creation of USAF laser gunship for Air Force Special Operations Command (AFSOC). Prepared informational and decision briefs for two-star level. Reviewed development and acquisition of directed energy weapons programs. Prepared briefs for final funding recommendations for DoD general officers.

**Operational Plans & Policy Officer | Defense Joint Intelligence Operations Center (DIJOC) & Defense Intelligence Agency (DIA)  
2007, Washington, DC**

Reviewed intelligence policy documents with relation to operational implementation and feasibility. Produced executive decision-briefs on proposed tracking methods for cargo entering the US via air.

**Commanding Officer | 64<sup>th</sup> Air Refueling Squadron (64<sup>th</sup> ARS)  
2006-2007, Portland IAP**

Led a flying unit comprised of over 100 aircrew members and four aircraft. Directed budgets, scheduling, and training for unit to safely perform worldwide aerial refueling support to global war on terror (GWOT) efforts. Coordinated and led all aspects of an orderly base realignment and closure (BRAC) shutdown of the squadron. Ensured relocation of every member of 64th ARS to new military units

**USAF Cyberspace Task Force Action Officer | USAF Cyber Command  
2006, Pentagon, VA**

Executed foundations of USAF's Cyber Command as initial cadre. Coordinated horizontal data integration issues for SECAF's Information Mosaic Project. Personally, met with key members of the Federal Emergency Management Agency (FEMA), Department of Homeland Security (DHS), US Coast Guard (USCG), US Forest Service (USFS), SANDIA, MITRE, Department of Justice (DOJ) and Domestic Nuclear Detection Office (DNDO) to canvass for a common format for data exchange in government. Personally, briefed Secretary of the Air Force; decision outcome resulted in defining CoT data exchange protocol as a USAF and industry standard.

**Prior to 2006**

- Deputy Director, Battlefield Airman Project, ASC/LUC, WPAFB, OH
- Training & Systems Officer, 939<sup>th</sup> Rescue Wing, Portland IAP
- Chief of U-2 Scheduling & Training, 99<sup>th</sup> & 1<sup>st</sup> Reconnaissance Squadrons, Beal AFB, CA
- Deputy Test Program Manager/Pilot 4952<sup>nd</sup> Test Squadron, WPAFB, OH
- Pilot/Aircraft Commander, KC-135A, 92<sup>nd</sup> ARS, Fairchild AFB, WA

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