

# PETER S. JAGLOM

San Diego, CA | [contact@peterjaglom.com](mailto:contact@peterjaglom.com)

## PROFESSIONAL SUMMARY

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Mission-critical technology leader and operator with 20 years of experience at the intersection of complex technology, high-stakes execution, and large-scale operations. Combines deep technical training (Massachusetts Institute of Technology, Georgia Institute of Technology) with proven leadership in mission-critical environments as a U.S. Navy test pilot and program manager. Brings a rare ability to design, build, and operate complex systems—from architecture through real-world deployment—ensuring reliability where failure is not an option. Focused on building and scaling technology-driven systems across infrastructure, aerospace, and emerging technology domains.

## EXPERIENCE

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### Fleet Readiness Center Southwest (FRCSW)

*Military Deputy Program Manager / Test Line Director*

**2020 – Present**

*San Diego, CA*

- Led a \$75M annual operation responsible for the end-to-end maintenance, overhaul, and delivery of F/A-18 Hornet and EA-18G Growler aircraft, directing a workforce of 400+ personnel across engineering, production, and quality.
- Owned cost, schedule, and performance for aircraft readiness, directly impacting fleet availability nationwide.
- Oversaw integration, validation, and release-to-service across multiple aircraft, ensuring safety and mission readiness.
- Directed final airworthiness decisions across five aircraft models emerging from extended depot-level maintenance.
- Executed high-risk Functional Check Flights (FCF) to validate full system performance post-overhaul before delivery.

### National Reconnaissance Office (NRO)

*Program Manager*

**2016 – 2019**

*Chantilly, VA*

- Managed multi-million dollar development programs for Signals Intelligence (SIGINT) and Geospatial Intelligence (GEOINT) mission management systems, overseeing 100+ government and contractor personnel.
- Owned full program lifecycle delivery across cost, schedule, and technical performance metrics.
- Coordinated cross-functional engineering and operational stakeholders across multiple contracts to align near-term execution with long-term mission objectives.

### Air Test and Evaluation Squadron Three One (VX-31)

*Test Pilot / Advanced Weapons Project Officer*

**2014 – 2016**

*NAWS China Lake, CA*

- Led approximately \$7M in developmental flight test programs for integrated aircraft, software, and weapons systems on F/A-18 Hornet and Super Hornet platforms, directing eight flight test engineers across two project teams.
- Planned and executed live-fire missile testing, including AIM-120 Advanced Medium-Range Air-to-Air Missile (AMRAAM) and AIM-9X Sidewinder systems; personally executed two weapons launches.
- Produced six developmental flight test plans and two developmental test/operational test (DT/OT) transition reports that directly informed fleet deployment decisions.
- Qualified across multiple test programs including aircraft software, weapons integration, and classified systems.

### Strike Fighter Squadron One Zero Two (VFA-102)

*Naval Aviator / Division Officer*

**2009 – 2013**

*Naval Air Facility (NAF) Atsugi, Japan*

- Led 72 maintenance personnel supporting carrier strike group operations aboard USS George Washington across five underway periods and 10+ major exercises, including eight with international partners.
- Directed training, qualifications, and operational readiness for 34 aircrew as Naval Air Training and Operating Procedures Standardization (NATOPS) Officer.
- Supervised 2,000+ carrier arrested landings as Landing Signal Officer (LSO) Team Lead; trained 17 pilots and instructed five LSOs in carrier landing technique and safety.
- Recognized as Junior Officer of the Year (2012).

## EDUCATION

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### Georgia Institute of Technology

*Master of Science (M.S.), Computer Science — Specialization: Computing Systems*

**2023 – Present**

*Atlanta, GA*

- GPA: 4.0/4.0
- Coursework: Cloud Computing, Operating Systems, Information Security, Hardware Architecture, Natural Language Processing (NLP) and Large Language Models (LLMs).

- Key projects: Software-defined network (SDN) controller; network function virtualization (NFV) orchestrator; cloud-based fault-tolerant distributed MapReduce framework; gRPC-based distributed file system; hypervisor CPU and memory scheduler using libvirt; Key-Value Memory Neural Network.
- Teaching Assistant (TA), Graduate Introduction to Operating Systems.

#### **Massachusetts Institute of Technology (MIT)**

*Master of Science (M.S.), Technology and Policy*

**2004 – 2006**

*Cambridge, MA*

- GPA: 5.0/5.0
- Coursework focused on the federal budget process, defense procurement, cost-benefit analysis, organizational behavior, public policy, and economic analysis.
- Thesis: "Future Naval Ship Procurement: A Case Study of the Navy's Next-Generation Destroyer."

#### **Massachusetts Institute of Technology (MIT)**

*Bachelor of Science (B.S.), Physics*

**2001 – 2006**

*Cambridge, MA*

- GPA: 5.0/5.0
- Phi Beta Kappa Society (academic excellence in the liberal arts and sciences); Sigma Pi Sigma Society (academic excellence in physics).
- Awarded the Admiral Edward L. Cochrane Award for top graduate by the MIT Naval Reserve Officers Training Corps (NROTC).

#### **U.S. Naval Test Pilot School (USNTPS)**

*Engineering Test Pilot Course*

**2013 – 2014**

*NAS Patuxent River, MD*

- Formal ground and flight instruction in test planning, risk mitigation, test execution, and analysis of results.
- Flew 18 distinct aircraft types including rotary-wing, propeller-driven, and jet-propelled fixed-wing aircraft.

#### **TECHNICAL SKILLS**

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- Programming Languages: Python, C, C++, Java
- Tools / Frameworks: Kubernetes, Terraform, gRPC, Message Passing Interface (MPI), PyTorch, OpenMP, libvirt, SLURM
- Competencies: Systems Architecture, Distributed Systems Design, Cloud Computing, High-Reliability Operations, Program Management, Test and Evaluation (T&E)

#### **FLIGHT QUALIFICATIONS AND RATINGS**

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##### **Military**

- F/A-18 Developmental Test Pilot; F/A-18A-F and EA-18G Functional Check Flight (FCF) Pilot
- F/A-18 Instrument Instructor; F/A-18 Mission Commander
- Strike Fighter Weapons and Tactics (SFWT) Level IV — Combat Division Lead; SFWT Level III Instructor
- Wing Landing Signal Officer (LSO); Night Vision Goggle (NVG) Instructor

##### **Civilian**

- Airline Transport Pilot License (ATP): Airplane Multiengine Land
- Commercial Pilot Certificate: Airplane Single Engine Land
- Certified Flight Instructor (CFI): Airplane Single Engine Land, Airplane Multiengine Land, Instrument Airplane
- Glider Tow Pilot Endorsement

#### **CERTIFICATIONS**

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- Defense Acquisition University (DAU) Program Management Certification — Advanced
- Defense Acquisition University (DAU) Test and Evaluation (T&E) Certification — Practitioner
- Defense Acquisition University (DAU) Engineering and Technical Management Certification — Foundational

#### **ADDITIONAL INFORMATION**

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- NASA Astronaut Candidate Finalist (2016) — Selected to interview among final 50 of approximately 18,300 applicants.
- 2,000+ total flight hours, including 1,800+ hours in high-performance military aircraft.
- Awards: Defense Meritorious Service Medal; Navy and Marine Corps Commendation Medal; Navy and Marine Corps Achievement Medal (2 awards).