

# Dr. Yograj S. Raghunauth

PMP, CAX-IRA, CFI, AGI-I, A&P-IA, UAS, ACUE



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## PROFESSIONAL SUMMARY

Senior aviation professional, academic leader, and FAA-certified pilot/mechanic with over a decade of combined experience in aviation operations, aircraft maintenance, safety management, and higher education. Proven record of teaching and mentoring adult learners in fully online and hybrid environments, leading academic programs, and managing high-risk aviation operations including Aircraft-on-Ground (AOG) events. Expertise spans FAA regulatory compliance, Safety Management Systems (SMS), human factors, accident investigation, and curriculum development. Research-driven educator committed to advancing aviation safety, workforce readiness, and leadership excellence in aviation.

## CORE COMPETENCIES

- Online & Asynchronous Instruction (Undergraduate & Graduate)
- Aviation Safety Management Systems (SMS)
- FAA Regulatory Compliance (Parts 61, 67, 141, 147)
- Human Factors & Occupational Stress
- Accident Investigation & Risk Management
- Curriculum Development & Assessment
- Academic Leadership & Accreditation Support
- Aircraft Maintenance & Airworthiness
- Project & AOG Operations Management

## CERTIFICATIONS & LICENSURE

- Commercial Pilot, Airplane (CAX) – Federal Aviation Administration
- Instrument Rating (IRA) – Federal Aviation Administration
- Certified Flight Instructor (CFI) – Federal Aviation Administration
- Advanced Ground Instructor (AGI) & Instrument Ground Instructor (IGI) – Federal Aviation Administration
- Airframe & Powerplant Mechanic (A&P) with Inspection Authorization (IA) – Federal Aviation Administration
- Unmanned Aircraft Systems (UAS) – Federal Aviation Administration
- OSHA Hazard Recognition Certification – Occupational Safety and Health Administration
- ACUE Certificate in Effective Teaching Practice – Association of College and University Educators & American Council on Education (Dec 2023)

## EDUCATION

### **Doctor of Business Administration (DBA), Leadership**

Walden University — *Completed December 2025*

Dissertation: *Leadership strategies in aviation to reduce occupational stress and enhance flight safety*

### **Master of Business Administration (MBA), Finance & Leadership**

JAIN University — *May 2024*

### **Master of Science (M.S.), Aeronautics**

Embry-Riddle Aeronautical University — *May 2022*

### **Bachelor of Science (B.S.), Aviation Maintenance Management**

Liberty University — *May 2021*

### **Associate of Science (A.S.), Professional Pilot Technology**

Miami Dade College — *May 2021*

## PROFESSIONAL EXPERIENCE

**Florida Memorial University — Miami Gardens, FL**

### **Chair, Department of Aviation and Safety | Feb 2025 – Present**

- Provide strategic leadership for aviation degree programs including Flight Education, Air Traffic Control, and Aviation Management.
- Direct curriculum design, course modality transitions, and program modifications aligned with FAA, AT-CTI, and AABI requirements.
- Oversee faculty coordination, student advising frameworks, departmental planning, and accreditation preparation.
- Champion aviation safety education through integration of SMS, human factors, and regulatory compliance.

### **Associate Chair & Chief Flight Instructor | Aug 2024 – Feb 2025**

- Oversaw flight instruction operations and instructor standardization in compliance with FAA Part 141.
- Supported pilot training, safety oversight, and academic operations.

**Everglades University — Online Division**

### **Professor, Aviation & Aerospace | Nov 2022 – Present**

- Teach undergraduate and graduate courses in aviation safety, accident investigation, safety management systems, and aviation operations.

- Design and deliver fully online, asynchronous courses tailored to adult and working professionals.
- Mentor students in applied research, presentations, and capstone projects.

#### **Miami Dade College — Miami, FL**

##### **Adjunct Professor** | *Nov 2022 – Present*

- Deliver FAA-aligned instruction in flight operations, aviation safety, and regulatory compliance.
- Teach private, instrument, and commercial pilot ground school courses under Part 141 frameworks.

##### **Aviation Clerk** | *Jul 2019 – Mar 2021*

- Supported aviation academic programs through administrative coordination, scheduling, and compliance documentation.

#### **Bombardier Aerospace — Opa-locka, FL**

##### **AOG Aircraft Maintenance Project Manager** | *May 2025 – Present*

- Lead Aircraft-on-Ground (AOG) maintenance projects supporting Bombardier Global, Challenger, and Learjet fleets, ensuring rapid return to service under strict regulatory and operational constraints.
- Coordinate unscheduled maintenance activities with engineering, quality assurance, supply chain, and external vendors.
- Serve as primary customer liaison, providing real-time technical updates, cost tracking, and schedule forecasting.
- Apply structured project management and risk mitigation strategies to minimize downtime and maintain FAA compliance.

##### **Airframe & Powerplant (A&P) Mechanic** | *Dec 2023 – May 2025*

- Performed scheduled and unscheduled maintenance, inspections, and troubleshooting on Bombardier aircraft in accordance with FAA regulations and OEM standards.
- Supported widebody and narrowbody maintenance teams to ensure aircraft airworthiness and operational readiness.
- Executed maintenance documentation, corrective actions, and safety reporting within approved quality systems.

#### **HeliAir Miami — Miami, FL**

##### **Airframe & Powerplant Mechanic** | *Mar 2021 – Aug 2022*

- Conducted inspection, maintenance, and repair of rotary-wing aircraft in compliance with FAA standards.

#### **RamAir Aircraft Maintenance — Miami–Fort Lauderdale Area**

##### **Airframe & Powerplant Mechanic** | *Mar 2020 – Mar 2021*

- Performed maintenance and inspections on general aviation aircraft to ensure airworthiness and safety compliance.

#### **Caribbean Aviation Maintenance Services Ltd.**

##### **Aircraft Maintenance Technician** | *Aug 2016 – Oct 2018*

- Executed aircraft maintenance tasks and inspections under approved maintenance programs, ensuring regulatory compliance and safety.

#### **PROFESSIONAL MEMBERSHIPS**

- National Association of Flight Instructors (NAFI)
- Society of Aviation and Flight Educators (SAFE)
- Federal Aviation Administration Safety Team (FAASTeam)
- Aircraft Owners and Pilots Association (AOPA)
- Project Management Institute (PMI) – South Florida Chapter

#### **AWARDS & RECOGNITION**

- FAA Aviation Maintenance Technician (AMT) Program: Gold Standard
- FAA FAST Safety Team: Advanced Wings, Master Wings, Basic Wings
- International Award for Young People: Gold Standard