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SUMMARY OF QUALIFICATIONS

Results-oriented leader and professional with key strengths and expertise in - flight simulator engineering - customer acceptance test and evaluation - aviation regulatory-based certification/qualification - and training. Also known for technical resourcefulness and creativity with extensive hands-on experience in fixed wing and rotary wing flight simulators and the aircraft industry. Proficient in Microsoft ... Office, Outlook, Project, Visio.

• Project/Systems Engineering	• Simulator Engineering/Operation	• Simulator Test and Evaluation
• Customer/Team Relations	• Simulator Installation/Upgrades	• Simulator Qualification – eQTGs
• Analytical/Decision Making	• Troubleshooting/Problem Solving	• Training/Organization/Planning
• Multi-Level Communications	• Technical Skills	• U.S. DoD Cleared Secret

TRAINING DEVICE EXPERIENCE

Fixed Wing

• F-4C/E	• B-52D/F/G/H	• KC-135A
• B-2	• B1-B MTE	• T-37
• JA-37	• T-2C	• F-16
• AC-130U	• T-1A (Beechjet 400A)	

Rotary Wing

• CH-53E APT/WST	• UH-60 Blackhawk
• MH-53J Pave Low WST	• SH-60 Seahawk (R&D)
• MH-53J Pave Low PTT	• MH-60G Pave Hawk WST
• TH-53A OFT	-

Additional Fixed Wing Experience

• MD-11	• MD-80	• B-727	• B-737-300	• B-757	• B-767
• A-320	• Gulfstream IV	• Jetstar/Jetstar II	• CL415	• King Air B200	-

Armor Vehicle (Unit/Mobile Conduct of Fire Trainer)

• M1 Abrams Tank	• M1A1 Abrams Tank	• M2/M3 Bradley Fighting Vehicle	• M-60 Tank
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SIMULATION CAREER

AIRCREW TRAINING SYSTEMS, LLC, Deltona, FL

2016-Present

Owner – CEO

- Own - manage new/start-up veteran owned aircrew training systems company that specializes in working with clients to solve their flight training needs via their existing or future flight simulation training devices (FSTDs).

LOCKHEED MARTIN CORPORATION, Orlando, FL

1984-2016

Staff Project Engineer / Staff Systems Engineer - Flight Simulation

- Positions involved challenging project engineering/leadership, systems engineering, integration and test engineering, proposal development, plus maintenance/support positions on numerous simulator programs due to aircraft knowledge as well as flight simulator skills, knowledge, and experience level.
- Served as Subject Matter Expert (SME) in military and civil aviation regulatory based Flight Simulator Certification/Qualification (SIMCERT/SIMQUAL).

FLIGHTSAFETY INTERNATIONAL, INC., Marietta, GA

1982-1984

Simulator Maintenance Supervisor (1983 – 1984) - Technician (1982 - 1983)

- Supervised, interviewed, trained, technically supported/appraised civil aviation flight simulator maintenance team
- Organized and managed a successful team effort for refurbishment of two flight simulators
- Led on-site initial and recurrent "FAA Approved" flight simulator qualification testing

THE SINGER COMPANY/LINK DIVISION, Binghamton, NY
Flight Simulator Systems Test Engineer

1978-1979

UNITED STATES AIR FORCE, Castle AFB, CA
Flight Simulator Specialist/Technician

1971-1974

EDUCATION & TRAINING

Embry-Riddle Aeronautical University, Daytona Beach, Florida

- ✓ B.S., Aeronautics (2017) - GPA: 3.933/4.0 - Summa Cum Laude
- ✓ A.S., Professional Aeronautics (2001) - GPA: 3.8/4.0 - Deans List
- ✓ Aviation/Aerospace Safety Certificate (2003)
- ✓ "A Behind The Scenes Look Into Airline Operations" MOOC Certificate (2016)
- ✓ "Aircraft Maintenance, Repair, and Overhaul" MOOC Certificate (2016)

United States Air Force (USAF)

- ✓ Flight Simulator Specialist/Technician Course (1971-1972)
- ✓ Flight Simulator Specialist/Technician Level 3 Continuing Education/OJT (1972-1973)
- ✓ B-52F Aircraft Systems Course (1972)

Additional Education/Activities:

- ✓ Extensive professional training in flight simulation.
- ✓ Additional studies in engineering and aircraft design.
- ✓ Attended FAA based Flight Simulator Evaluation Course.
- ✓ Taught detailed flight simulator certification/qualification testing at two USAF SIMCERT/SIMQUAL Seminars.

PROFESSIONAL MEMBERSHIPS

American Institute of Aeronautics and Astronautics (AIAA) - "Associate Fellow" - (1989-Present)

- ✓ Deputy Director of Test (Structures, Design & Test Group) (2001-2008)
- ✓ Region II Deputy Director of Precollege Outreach (2000-2003)
- ✓ Region II Deputy Director of Evolution of Flight (1999-2003)
- ✓ Held AIAA Chair positions for national/international Modeling & Simulation Technical Committee, Simulation Facilities Working Group, major flight simulation conferences, and Central Florida Section.

Aircraft Owners and Pilots Association (AOPA)

Experimental Aircraft Association (EAA)

National Business Aircraft Association (NBAA)

AWARDS & RECOGNITION

American Institute of Aeronautics and Astronautics (AIAA)

- ✓ "Distinguished Service" Award/Certificate from "AIAA Technical Activities Committee" for 2001-2008 "Deputy Director for Test" service
- ✓ "Certificate of Appreciation" for AIAA Evolution of Flight Campaign (2004)
- ✓ "Spirit of Flight" Award for "Outstanding Dedication, Service and Leadership" - Central Florida Section (2000)
- ✓ "Outstanding Section (Third Place Small Category)" Award (1998)
- ✓ "Outstanding Achievement as Flight Simulation Technologies (FST) Conference Technical Chair" Award (1996)

General Electric Company

United States Army – Europe

Department of the Navy - Naval Training Systems Center (1989) - Naval Air Warfare Center (PMA 205) (2013)

Lockheed Martin – Global Training and Logistics

- ✓ Recipient of "Small Business Award – 2011"

PUBLICATIONS & PRESENTATIONS

"An Informative Guide to Qualification of Flight Simulators for Commercial Aircraft"
(AIAA Flight Simulation Technologies Conference, 1995)

"Interactive Airport Design Through Simulation"
(AIAA Flight Simulation Technologies Conference, 1995)

CERTIFICATIONS, LICENSES & PERMITS

Federal Communications Commission (FCC)

- ✓ Restricted Radiotelephone Operator Permit