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CAREER SUMMARY

25 years of experience building teams, finding hard-fought solutions, and instructing complicated tasks in venues ranging from the most basic to the most advanced on earth. In the last 2.5 years since founding, I have led the ResCon team to a total of \$1.5 million in DoD and state grants. As an Air Force officer, I managed a multinational ISR contract worth \$67 million on behalf of United States Air Forces Europe. I commanded a squadron tasked with providing operational support to the 178th Operations Group. And as a Director of Operations for the 26th Weapons Squadron, United States Air Force Weapons School, I spearheaded instructor and student progression through the world's most comprehensive Remotely Piloted Aircraft syllabus. I have commanded at multiple levels, instructing in five different aircraft while living and operating across the globe.

AREAS OF EXPERTISE

Senior Level Leadership, Unmanned Aircraft Tactics & Training, Project Management, Syllabus Development, Exercise Planning & Support, Artificial Intelligence & Machine Learning, Edge Computing, Warfighter Requirements, Business Development

SKILLS AND ACCOMPLISHMENTS

Leadership

- Founded ResCon Technologies, LLC, a spinout of The Ohio State University's Technology Commercialization Office. Developed marketing strategy, business plan, pitch decks, website, and proposal whitepapers for three-member startup. Focus on providing software, hardware, and technology consulting services for the implementation of Artificial Intelligence, Machine Learning, and advanced encryption on small Unmanned Aerial Vehicles.
- Commanded the 178th Operational Support Squadron, leading a diverse group of 82 personnel toward a common goal of continuous, innovative, and agile support for a 24/7/365 combat mission. Met 100% of Higher Headquarters and Combatant Command taskings. Led the Ohio ANG through the challenging transition from MQ-1 to MQ-9 aircraft with 100% on-time training compliance, solidifying the credibility of the organization and ensuring zero coverage lapses for American and Coalition forces in harm's way.

Tactics & Training

- Highly proficient in instructing and evaluating pilots of varied backgrounds and experience in all roles of the MQ-9. Instructor experience in both air-to-ground and air-to-air fundamentals in the F-16, and the foundation of Air Superiority in the F-15C. Over 3,300 hours of flying Air Force aircraft, including 1,300+ hours of instructor and evaluator time.
- Planned and led numerous joint flying operations with US Army, Marines, Navy, Japanese Air Self Defense Force, and Hungarian Air Force in multiple locations, including Japan, Iceland, Hungary, Republic of Korea, Poland, Romania, and the Baltics. Fostered joint service interoperability and goodwill amongst international partners while deterring potential adversaries with show-of-force exercises.

Project Management

- Responsible for \$67M contract on behalf of USAFE to increase Intelligence, Surveillance, and Reconnaissance in theater. As a staff Action Officer, led a team of seven planners on a mission to develop strategy, acquisitions roadmap, and tactics for MQ-9s operating in northern Europe. All efforts represent firsts: first MQ-9 flights in Eastern Europe, first interoperability demonstrations with Coalition and Joint partners in the region, and first fielding of emerging capabilities. The USAFE RPA team routinely tackled seemingly impossible problems to achieve success.

PROFESSIONAL EXPERIENCE

July 2020 – Present: Founder and CEO, ResCon Technologies, LLC. Business development and marketing strategy for edge computing, advanced encryption, and AI/ML augmentation on small unmanned systems.

August 2018 – June 2020: MQ-9 Requirements Manager, United States Air Forces Europe A3 Staff, Ramstein AB, Germany. Lead RPA planner for USAFE operations; Managed MQ-9 endeavors in US European Command; Provided strategic vision for RPA future roles to senior leaders in Europe and the US.

October 2016 – July 2018: Commander, 178th Operational Support Squadron, Springfield-Beckley Municipal Airport, OH. Defined Mission and Vision; Ensured all organizational, training, and equipment needs met; Maintained good order and discipline of the unit.

July 2014 – September 2016: Director of Operations, 26th Weapons Squadron, United States Air Force Weapons School, Nellis AFB, NV. MQ-9 Evaluator Pilot and Weapons Officer; Maintenance Liaison; Subject Matter Expert for cockpit upgrade, simulator systems, communications suite, and laser counter-countermeasures.

November 2008 – June 2014: Chief of Weapons and Tactics, 178th Operational Support Squadron, Springfield-Beckley Municipal Airport, OH. F-16C Formal Training Unit Instructor Pilot; MQ-1B Instructor Pilot; Chief of Weapons and Tactics; Chief of Training; Operations Supervisor; ARC WEPTAC RPA Chair.

June 2006 – October 2008: Assistant Director of Operations, 95th Fighter Squadron, Tyndall AFB, FL. F-15C Formal Training Unit Instructor Pilot; Mission Commander; Current Operations Flight Commander; Chief of Wing Scheduling.

May 2003 – May 2006: Executive Officer, 67th Fighter Squadron, Kadena AB, Okinawa, Japan. F-15C 4-ship Flight Lead; Flight Commander; Chief of Safety.

September 2002 – April 2003: Student Pilot, 2nd Fighter Squadron, Tyndall AFB, FL. F-15C Formal Training Unit Fundamentals Course class 02-ABS.

January 1999 – May 2002: Assistant Flt Commander, 50th Flying Training Squadron, Columbus AFB, MS. T-38A Specialized Undergraduate Pilot Training Instructor Pilot; T-38C Initial Operation and Testing Pilot; Functional Check Pilot; Student Evaluator Pilot; Squadron Scheduler.

October 1997 – December 1998: Student Pilot, 50th Flying Training Squadron, Columbus AFB, MS. Specialized Undergraduate Pilot Training class 99-03.

ADDITIONAL EXPERIENCE

May 1996 – October 1997: Propulsion Engineer, Lockheed Martin Missiles & Space, Sunnyvale, CA. Gravity Probe B Spacecraft team member; Lead analyst for dewar-thruster pressure gradient study; Technician for assembly, modeling, and testing of prototype and spaceflight thrusters and isolation valves.

EDUCATION

1997 – Cornell University, Ithaca, NY – B.S. in Mechanical Engineering (Aerospace Concentration)

ADDITIONAL TRAINING

2013 – USAF Weapons School MQ-1/9 Weapons Instructor Course – Nellis AFB, NV

2011 – Air Command and Staff College – Air University Distance Learning

2010 – Joint Firepower Course – Nellis AFB, NV

2005 – Squadron Officer School (Resident Course) – Maxwell AFB, AL

2004 – Joint Tactical Information Distribution System (JTIDS) School – Fort McPherson, GA

2003 – USAF Aircraft Mishap Investigation Course – Kirtland AFB, NM

AWARDS

Best Flight Instructor, MQ-9 WIC Class 15B, 2015

Top Flying Award and Top Academic Award, USAF Weapons School MQ-1/9 Class 13A, 2013

Top MQ-1 Pilot, 432nd Expeditionary Wing RPA Gunsmoke, 2012

Outstanding Performer, Ex LOAD DIFFUSER, 2010

Top Academic Scores, 2nd Fighter Squadron F-15C Class 02-ABS, 2003

Top Gun, 435th Fighter Training Squadron IFF Class 02-ABT, 2002

Best Instructor Pilot, UPT Class 00-09, 2000

Top T-38 Academic Scores, UPT Class 99-03, 1998

Air Force Meritorious Service Medal

Aerial Achievement Medal

Air Force Commendation Medal

Air Force Achievement Medal