

Mark Anthony Colbert

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PROFESSIONAL PROFILE

Aviation maintenance technician, instructor, simulator technician, and team leader with over a decade of experience in aerospace, defense, and health sectors. Proven record of managing maintenance operations, coordinating cross-functional teams, and executing technical work under FAA, EASA, and military standards. Dual academic and field training in aircraft systems and public health.

SKILLS

Leadership & Project Management: Team Supervision • Training & Mentorship • Conflict Management • Program Planning • Budget Tracking • Technical Reporting • Logistics Coordination

Technical & Engineering: Aircraft Maintenance & Troubleshooting (UH-60L/M, UH-72A, OH-58) • Root Cause Analysis • Simulator Installation & Testing • Bench Testing & System Calibration • Quality Control Inspections • FAA & EASA Compliance • Blueprints, Wiring Diagrams, Maintenance Manuals (DOD, FAA)

Tools: Microsoft Office Suite • Microsoft Project • mPlan • SAP

PROFESSIONAL EXPERIENCE

AMT Instructor | Spartan College of Aeronautics and Technology, Tulsa, OK | June 2025 – Present

- Instruct Aviation Maintenance Technology students in aircraft systems, maintenance practices, and FAA regulations
- Mentor students toward Airframe & Powerplant certification using hands-on, shop-based training

Engine Maintenance Coordinator | Lufthansa Technik, Tulsa, OK | December 2024 – May 2025

- Served as primary liaison across production, engineering, quality, and customer service teams, aligning deliverables with airline-specific standards
- Oversaw PW1100, V2500, and CFM56 engine shop visits, ensuring FAA/EASA compliance
- Tracked shop visit findings and delivered technical progress reports to airline customers
- Coordinated implementation of Airworthiness Directives, Service Bulletins, and restoration tasks

Aircraft Simulator Installation Technician | FlightSafety International | July 2023 – December 2024

- Installed, integrated, and tested aircraft simulator systems with engineering teams, including power distribution, environmental, and functional testing
- Selected for special projects on combat rescue helicopter simulation in partnership with Lockheed Martin
- Sole technician fabricating and assembling custom hydraulic systems to precise specifications
- Interpreted complex schematics, adjusted circuitry, and resolved system faults on rotary- and fixed-wing platforms

Independent Contractor, Personal Trainer

- Assessed client needs and delivered tailored fitness plans, applying discipline, time management, and servant leadership

Aircraft Mechanic, Quality Control Inspector, and Crew Chief | U.S. Army, Oklahoma National Guard | January 2012 – February 2019

- Maintained UH-60 helicopters across all major systems (avionics, hydraulics, flight controls, powerplant); coordinated priorities to support rapid deployment and mission availability
- Team Leader, C Co 1-244th Assault Helicopter Battalion (2014–2019); supervised and mentored junior soldiers, promoted to E-5 (Sergeant)
- Quality Control Inspector (Feb–Aug 2016): inspected aircraft systems for Army and FAA compliance and verified maintenance logs and flight-readiness documentation
- Crew Chief and door gunner (Sept 2016 – Feb 2019): logged 492 combat flight hours during Operation Inherent Resolve, performing in-flight inspections and maintenance in austere environments
- Developed a unit-wide fitness training program that improved overall readiness metrics

LEADERSHIP & AWARDS

- NextGen Under Thirty Award, Policy & Public Service (2019), for providing free remote fitness training to underserved communities
- President, Health Promotion Club, Oklahoma State University (2021)
- Basic Leadership Course (NCO development), U.S. Army (2016)

EDUCATION & CERTIFICATIONS

- B.S. in Public Health, Exercise & Health, Oklahoma State University, 2021–2022
- A.S. in Health and Human Performance, Tulsa Community College, 2019–2021
- Airframe & Powerplant License #AP 3847623, Bakers School of Aeronautics, 2016
- CPR/AED Certification, American Heart Association, 2021