

Julian Tabascio

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EDUCATION

University of Central Florida

Bachelor of Science: Mechanical Engineering

Graduated 2024

Orlando, FL

- American Society of Mechanical Engineers, Society of Automotive Engineers
- **Relevant Coursework:** Thermodynamics, Principles of EE, Heat Transfer, Solid Mechanics, Structures & Prop of Materials, Machine Design II, Fluid Mechanics II, Modeling Methods, Vibrations & Controls, Digital Manufacturing, Senior Design I & II.

WORK EXPERIENCE

LCI Aero

Aerospace Engineering Supervisor

November 2024 - Present

Tamarac, Florida

- Extensive experience across CFM56, LEAP, V2500, and CF34 jet engine platforms.
- Lead and mentor engineering staff, including Engineers and Engineering Assistants.
- Oversee incoming work scopes in collaboration with Production Control, ensuring technical feasibility, regulatory compliance (ADs and SBs), and alignment with customer expectations.
- Drive root cause investigations within the shop environment to eliminate failure points and improve turnaround times.
- Serve as the primary technical liaison for clients, translating inspection results and production data into clear, actionable recommendations.
- Prepare and submit detailed engineering reports to OEMs to obtain Deviation Instructions for Continued Airworthiness (DICA) on unserviceable findings.
- Oversee internal borescope inspections (BSIs), classify damage, assess serviceability, and communicate findings with recommended corrective actions.
- Lead and support repair development initiatives, including tooling design, testing, documentation, and validation of new repair solutions.

Propulsion Technologies International (GE Aerospace/Safran Group)

Engineering Intern

June 2024 - November 2024

Miramar, Florida

- Designed and developed specialized tools and fixtures, to assist in the disassembly, inspection, and reassembly of jet engine components.
- Collaborated closely with quality control and production teams to ensure that the repair process adheres to stringent aerospace standards and meets customer expectations.
- Conducted and oversaw First Article Inspections (FAI) to verify that parts conform to engineering specifications and quality standards.
- Created and updated operation sketches (OP sketches), providing step-by-step instructions for disassembly, machining, inspection, and reassembly procedures.
- Trained technicians and operators on new processes, tools, and equipment, providing technical support as needed.

SKILLS & INTERESTS

Aerospace: GE Powerplant Engineering (Certified), BLAMAP (Fan Blade Mapping), Inspection Manager, AvSight

CAD & Design: SolidWorks (Certified), Autodesk Inventor (Certified), AutoCAD, Fusion 360

Software: Microsoft Office (Certified), Adobe Photoshop

Prototyping & Fabrication: Tooling design, wiring design, Arduino, soldering, automotive fabrication, 3D printing

Other: Product development, technical documentation, internal combustion engine assembly, web design