



JESSE F. HILL
SENIOR TECHNOLOGIST

jfhill@engsys.com

Mr. Hill has 12 years of experience as a Certified Airframe & Powerplant Technician and Avionics Technician. He specializes in airframe electrical matters. He also has 17 years of experience in roles supporting manufacturing, including work in the firearms and automotive industries.

Areas of Specialization

Aviation Safety and Maintenance Procedure Evaluations
Avionics CVR and Sound Spectrum Analysis, Component and Instrumentation Inspections and Testing
Metals Destructive and Non-destructive Testing
Electrical and Electronics – Connectors, Electronic Board Level Components
UAV – Unmanned Aerial Vehicle Operations
Firearms and Ammunition Design and Testing, Headspace Measurement and Evaluation

Education

B.S., Applied Science and Technology - Aviation Maintenance, Thomas Edison State College, 1999
A.S., Gunsmithing Technology, Montgomery Community College, 1999
A.S., Liberal Arts, North Central Texas College, 1990
Airframe and Powerplant Certificate, Texas Aero Tech, Dallas, TX, 1987

Certifications

Airframe and Powerplant License, FAA
FCC General Radiotelephone Operator's License with Ship's Radar Endorsement
ASTM NCATT Aircraft Electronics Technician AET Certification
Remote Pilot Certificate (UAS), FAA
Master Mechanic, ASE
Mastercam Certified Programmer

July 2018

Positions Held

Engineering Systems Inc., Dallas, Texas

Senior Technologist, 2018 - Present
Technologist, 2017 – 2018

Aviation Institute of Maintenance, Irving, Texas

A&P Mechanic Instructor – FAA Part 147 School, 2017

Jesse Hill Technical Services, Dallas, TX

Owner, 2000-2017

Montgomery Community College, Troy, North Carolina

Adjunct Instructor, 1998-1999

US Airways, Los Angeles, California

Aviation Maintenance Technician-A&P – 1990-1998

Ameriflight, LLC, Burbank, California

Aviation Maintenance Technician-A&P – 1989-1990

Pan Am, Los Angeles, California

Aviation Maintenance Technician-A&P – 1989-1990

McDonnell Douglas, Long Beach, California

Aviation Maintenance Technician-A&P – 1989

Elsinore Airframe Services, Waco, Texas

Aviation Maintenance Technician-A&P – 1988-1989

Ford Aircraft-FBO, Gainesville, Texas

Aviation Maintenance Technician-A&P, 1988