

TODD E. HEFFLEY

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OBJECTIVE:

To apply my capabilities as an advanced technician with a focus on growth and learning opportunities.

SUMMARY:

Continuously employed in the aviation electronics field since 1982.

EXPERIENCE:

June, 2007 to Present

Consultant providing Electrical and Airframe troubleshooting support to various Business Jet Operators. Develop and Manufacture a series of Jet Aircraft Test Equipment.

August, 2000 to June, 2007

Technical Instructor, CAE Simuflite, Fort Worth TX, - Deliver maintenance training for: Falcon 900 series aircraft. Update and deliver advanced troubleshooting class. Improve course material content using vendor provided raw data, as well as developing simplified material for clients. Develop and launch new classes as required. Develop advanced methods for displaying onscreen media. Provide PC support and software training.

February, 2000 to July 2000

Avionics Completion Supervisor, Galaxy Aerospace, Fort Worth, TX. - Supervised 30 personnel in all phases of avionics completion. Managed team leads, personnel issues, systems integration, and vendor contact. Reported to upper management on 15 aircraft in various stages of completion. Perform maintenance on IAI 1124/1124A.

1996 to 2000

Avionics Technician, Duncan Avionics Inc., Love Field, Dallas, TX. - Performed and oversee modification of avionics systems in all business jet aircraft. Subcontractor oversight and scheduling. Systems included Integrated FMS, (Universal, Honeywell, Allied/Signal), Telecom/Entertainment (Airshow, Magnastar, Audio International, Rosen), and Tcas(Allied Signal). Personally conducted all flight test evaluations of avionics modifications. Airframe types included Lear, Hawker, Falcon, Gulfstream, IAI 1124/1124A modifications and maintenance.

1994 to 1996

Texas Aviation Services Inc., Meacham Field, Ft Worth, Tx. - Maintained and updated CAD drawings of electrical diagrams. Developed and modified laser cutter ready layouts for instrument panels. Self guided Autocad, MS Office and custom software familiarity. Installed, troubleshoot, and repaired avionics systems. Composite structure prototyping and fabrication. Customer training with avionics systems and Flight test evaluation.

1993 to 1994

Texas Airplane Factory Inc., Meacham Field, Ft. Worth, TX. - Fabricated various sheet metal structures and tooling for ME 262 jet aircraft.

1980 to 1993

Air Carrier Electronics Inc., Meacham Field, Ft. Worth, TX. - Installation, service light general aviation electronics. Managed projects from sales-bid-design phase to completion/follow-up. Management duties from hiring, daily oversight, to end of employment. Computer setup including DACEasy, Autosketch, custom database.

PUBLICATION:

"The Long And Short of OH58 Conversion", Air Beat, Journal of Airborne Law Enforcement Association. March, 1996.

HOBBIES:

Antique aircraft restoration.

EDUCATION:

Primus 2000 for Falcon 900EX Avionics Line Maintenance, Honeywell

ATSRAC Aging fleet wiring training, DFJ Little Rock

SPZ-8000 for Falcon 900 Avionics Line Maintenance, Honeywell

Gulfstream V Engine Run and Taxi training

Falcon 900B/ F900EX Familiarization Training, DFJ

Falcon 900B Recurrent Training, Falcon 900B Initial Training, Simuflite

Falcon 10 Recurrent Training, Falcon 10 Initial Training, Simuflite

Professional Troubleshooting , Simuflite

Basic Avionics Training, Simuflite

Collins Proline 4 Line Maintenance, Rockwell Collins, Cedar Rapids, Iowa.

Aircraft Vibration Control Course – Chadwick Helmuth

Airframe Mechanics Rating, practical experience, self study.

Tarrant County Junior College, Ft Worth, TX, Associate Arts Degree in Foreign Language, 1990

University of Texas, Arlington, TX., Major: Aerospace Engineering

Commercial Pilots License, Instrument rating

References available on request.