

Lonnie N. Adams

100 West Canyon Crest Rd • Alpine, Utah 84004 • Cell: 801.319.5233 • esbyd.info@comcast.net

Electrical Engineering

Program • Project • System

Performance-driven Electrical Engineer with over 30 years of extensive hardware, software and system design experience.

Respected team leader for successful completion and delivery of government contracts on time and according to specifications.

Resourceful at resolving complex issues while improving customer relations and company respect.

PROFESSIONAL EXPERIENCE:	ROCKWELL COLLINS INC.	Salt Lake City, Utah
	Senior Electrical Engineer	1995 - 2014
	Test Engineer	1989 – 1995
	System Test Technician	1986 – 1989

- **Airborne & Ground Radio Program:**
 - Engineered application specific interface boards for evaluation and test of proprietary Rockwell Collins radio design(s).
 - **U.S. Air Force, F-35 Lightning Flight Simulator Program:**
 - Engineered strategic design changes which significantly shortened installation schedule, increased company revenue and securing additional government opportunities.
 - **Boeing, AH-64 Apache Helicopter Flight Simulator Program:**
 - Implemented an FPGA firmware change for enhance Sensor and Weapons simulation, resulting in follow on contracts.
 - **European Tiger Attack Helicopter Flight Simulator Program:**
 - R&D team engineer selected to design and implement customer specific hardware requirements.
 - **Resolved Vendor Product Design Error:**
 - Diagnosed and re-engineered a thermal design issue on third-party product, which eliminated customer system errors and resulted in release of contract funds and program closure.
 - **Domestic & International Travel:**
 - Short Term; Onsite resolution to customer urgent system issues, showcasing company commitment and trust.
 - Long Term; Directed a European multicultural team, implementing Engineering, Test, Manufacturing, Quality, Supply and Logistics strategies.
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TECHNICAL SKILLS

- MICROCONTROLLER HARDWARE AND FIRMWARE DEVELOPMENT
- MICROSOFT FOUNDATION CLASS SOFTWARE DEVELOPMENT
- ANALOG AND DIGITAL CIRCUIT DESIGN
- ALTIUM SCHEMATIC & PCB CIRCUIT BOARD DESIGN SUITE
- DESIGN FOR MANUFACTURABILITY (DFM) RULES & REQUIREMENTS

