

PRESENTER: STEVE J. HEPBURN BSEE

Electrical/Electronic Systems Design Engineer; BSEE UCF

LASER Photonics EOIR Systems Specialist

Design Credits, strengths and experience Lockheed Martin, Northrop Grumman, Disney:

- 1) Electrical Power System Designer to National Electrical Code Standards
 - 2) Analog Electronics Circuit Card Assembly Designer
 - 3) LASER Performance Qualification of Optical Photonic Systems
 - 4) Automotive Electric Vehicle Lithium Ion Energy Management Power Systems
 - 5) Motion Control Dynamic Systems Analysis
 - 6) Motor Rate Loop Stability
 - 7) Tracking Sensors with Audio/Video Camera Networks.
- Project leadership qualifications and systems engineering complete design process.
 - Hands-on hardware troubleshooter, testing and problem solver.
 - Systems engineering electrical technical documentation package (TDP).
 - Design specification analysis, schematic capture, and prototyping, all the way through 6-sigma test requirements final products.