



EEI brings over 25 years of experience in full service engineering with a focus on agile, affordable, and efficient design, development and manufacturing of hardware that meets the demanding environmental standards and flight qualification requirements of our Nation’s Warfighters. We specialize in:

- Design services spanning “Build to Spec” to “Build to Print”;
- Procurement and ruggedization of COTS technology for military applications;
- Procurement, integration, and delivery of flight qualified hardware;
- Integration and qualification of advanced Special Test Equipment (STE);
- Manufacture of complex electronic circuit card assemblies and other electronic components and subsystems.

EEI’s customers include Aerospace, Defense and Homeland Security, all of which require high reliability, physical and operational robustness, and life critical / flight critical Quality Standards. These programs demand a culture of process excellence at EEI, embodied in our commitment to AS9100D Certified quality processes, Design for Excellence (DFX), Design for Manufacturability (DFM), and Design for Test (DFT).

Our state of the art facilities and equipment have the ability to take designs to full production - All assemblies are built to IPC-610 Class 3 in a scalable production environment.

Mentor Protégé;

Effective September 29th 2015 the Department of the Navy has approved and awarded a 4 year DOD Mentor Protégé Agreement between Raytheon SAS and EEI Manufacturing Services, endorsed by Naval Air Systems Command.

▪ **Engineering Services**

- Product Development / Design To Spec - Our engineers can assist your product designers at any phase of the product development cycle
- Design For Excellence – DFX / DFM / DFT
- BOM Management Services – *Mitigate Obsolescence* - Electronic Component Obsolescence management tools
 - Searches 185 Million semiconductors, passives & electromechanical parts for cross references, lifecycle, parametric, obsolescence forecasts, environmental compliance & inventory data.

▪ **Manufacturing Services**

- Box Build & System Integration - Offering turnkey, fully tested, and ready-to-install precision mechanical and electromechanical assemblies built to customer specifications while addressing, producibility, reliability, and process enhancement requirements.
 - Special Test Equipment
 - Chassis
 - Racks/Consoles
- Mechanical Assembly
 - IPC/WHMA-A-620 Cable Assembly / Harnesses
- Circuit Card Assembly
 - Rigid & rigid-flexible PCBs
 - Low – Medium volume Surface Mount Technology, Through-hole & Mixed Technology production
 - Ball Grid Array Experts
 - X-Ray technology for inspection of Ball Grid Array and all hidden solder joints
 - Placement system capable of placing devices of package size from 0201 to 2 inches square with lead pitch down to 0.3mm, and ball pitch down to 0.7mm
 - Operators certified to;
 - J- STD-001
 - IPC-A-610
 - IPC/WHMA-A-620
 - IPC-7711/7721B
- Conformal Coat Capabilities
 - Acrylic, Parylene, Polyurethane & Silicone (type AR, XY, UR, and SR)
- Test
 - Fixtureless Flying Probe
 - Boundary Scan
 - Environmental Stress Screening
 - RF Test
 - HP3070 ICT
 - Functional
 - Automated Optical Inspection
 - Cable continuity/ Hi-pot / pull testing



- **Training Services** –State of the Art Licensed IPC Training Facility – Also offering On-site at your location –
 - CIT (Trainer) & CIS (Operator) Certification & Recertification
 - J- STD-001
 - IPC/WHMA-A-620
 - IPC-A-610
 - IPC-7711/7721
 - Technical Skills Training - Custom training available

Socioeconomic certifications;

Woman Owned Small Business (WOSB)

Small Disadvantaged Business (SDB)

Economically Disadvantaged Woman Owned Small Business (EDWOSB)

2019 Raytheon Supplier Excellence Program EPIC Award	Award Winner
2018 Department of Defense Nunn Perry Award	Award Winner
2018 Raytheon Supplier Excellence Program EPIC Award	Award Winner
2017 Sterling Manufacturing Business Excellence Award	First Place Winner
2016 Top Ranked Woman Owned Businesses	Tampa Bay Business Journal
2015 Top Ranked Woman Owned Businesses	Tampa Bay Business Journal
2015 Top 100 Fastest Growing Woman Owned Firms In Tampa Bay	Tampa Bay Business Journal
2014 Top Ranked Woman Owned Businesses	Tampa Bay Business Journal
2013 Top 100 Fastest Growing Woman Owned Firms In Tampa Bay	Tampa Bay Business Journal
2012 Fast Fifty Technical Companies	Tampa Bay Business Journal
2011 Top 75 Woman Owned Business	Tampa Bay Business Journal
2010 Top 100 Fastest Growing Woman Owned Firms In Tampa Bay	Tampa Bay Business Journal
2010 Top 75 Woman Owned Business	Tampa Bay Business Journal
2009 Fast Fifty Technical Companies	Tampa Bay Business Journal
2009 U.S. SBA 2009 National Subcontractor of the Year	U.S. Small Business Administration
2009 U.S. SBA 2009 Region IV Prime Subcontractor of the Year	U.S. Small Business Administration
2008 Raytheon SAS Supplier Excellence Award	Raytheon SAS
2007 Top 75 Woman Owned Business	Tampa Bay Business Journal
2007 Fast Fifty Technical Companies	Tampa Bay Business Journal
2006 Top 100 Fastest Growing Woman Owned Firms In Tampa Bay	Tampa Bay Business Journal
2006 Top 75 Woman Owned Business	Tampa Bay Business Journal
2006 Top 100 Fastest Growing Technical Firms In Tampa Bay	Tampa Bay Business Journal
2005 Business Woman of The Year	Tampa Bay Business Journal
2005 Lockheed Martin Small Business Of The Year	Lockheed Martin



