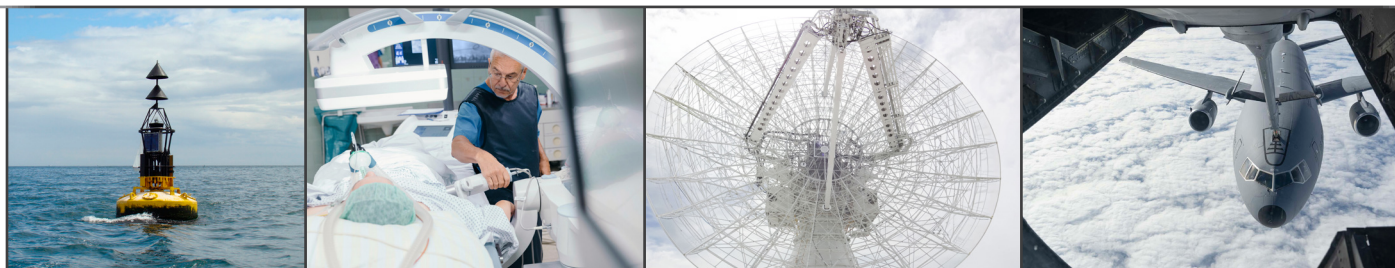




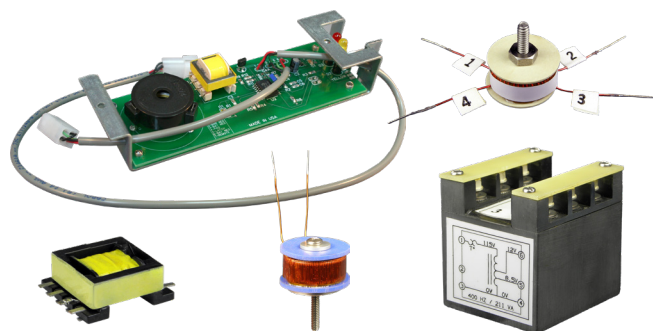
BACKGROUND & CAPABILITIES

STC, Inc. provides advanced-turnkey manufacturing and engineering services for a wide range of electronics applications, including aerospace, defense, high-reliability commercial and industrial—and manufactures custom transformers (up to 10 KVA), inductors, and coils. Our focus is on low to medium-volume assemblies with a high degree of complexity.



Areas of Expertise

- Transformer, Coil, Inductor, and Power-Supply Design and Manufacturing
- PC Board Design, Manufacture, Assembly, & Test
- Build-to-Print and Contract Manufacturing of Magnetics, Circuit Boards, Cabling, & Assemblies
- Embedded software development
- Circuit Board Layout and Design Assistance
- Cable/Wire Harness Design and Fabrication
- Electronic-Packaging Design and Integration



Product Configuration Examples



Automatic winding of bobbin-wound coils



Surface-Mount Production Line

Facilities & Equipment

- 27,000 sq. ft. facility includes Production, R&D, Engineering, Communications, Quality Assurance, Purchasing, and Administrative departments
- Design software (AutoCAD, PCB-CAD, and Custom-Designed Applications)
- Production equipment includes:
 - Computer-Controlled Multi-Axis and Manual Coil Winding Machines
 - Large Coil Winding Machines (up to 15 KVA capability)
 - Toroid Winding Machines
 - Cable Processing Machines
 - Automatic Soldering Machines
 - Automatic Transformer Test Fixture
 - SMT Equipment: Pick & Place, Reflow Oven (RoHS), and Deflux System
 - Environmental Test Equipment: Environmental Chambers

Expertise Summary

- Over 30 years in business—focused solely on magnetics and electronics manufacturing
- Primary customers are involved in the following applications:
 - Aerospace: Navigation and avionics equipment for fixed-wing and rotary-wing aircraft; External and internal aircraft lighting
 - Military: ITAR-registered magnetics and electronics manufacturing
 - Marine: Vessel navigation instrumentation; Marine beacons and electronics
 - Medical: Patient imaging and monitoring equipment; Wound-care electronics
 - Communications: Radio transmitters; tower beacons
 - First-Response and Transit: Traffic-signal priority systems; Automatic Vehicle Location systems; Real-time GNSS-based RF control systems
- Lead technical staff members have over 75 years combined experience and hold degrees in Electrical Engineering, Aerospace Engineering, Computer Science, and Physics.
- Systems-&-Software Development: Embedded firmware, GIS mapping and real-time monitoring, SQL data collection, .NET framework, Linux, and TCP/IP network communication



Codes

- Corporate Status: Corporation
- NAICS (North American Industrial Classification System):
 - 334416 – Electronic Coil, Transformer, and Other Inductor Manufacturing
 - 335311 – Power, Distribution, and Specialty Transformer Manufacturing
 - 334418 – Printed Circuit Assembly (Electronic Assembly) Manufacturing
 - 335931 – Current-Carrying Wiring Device Manufacturing
 - 334419 – Other Electronic Component Manufacturing
 - 335999 – All Other Miscellaneous Electrical Equipment and Component Manufacturing
- SIC (Standard Industry Classification):
 - 3643 – Current-Carrying Wiring Devices
 - 3612 – Transformers, Except Electronic
 - 3677 – Electronic Coils, Transformers, and Other Inductors
 - 3679 – Electronic Components, NEC
 - 3672 – Printed Circuit Boards
- CAGE (Commercial and Government Entity): OBBP3
- DUNS (Dun & Bradstreet): 150412229
- FSC (Federal Supply Codes): 5950 – Coils and Transformers; 5998 – Electrical and Electronic Assemblies, Boards, Cards, and Associated Hardware



Representative Customers

- | | | |
|--------------------------|-------------------|--|
| • Leonardo DRS | • SPX Corporation | • Cobham Advanced Electronic Solutions |
| • Honeywell Aerospace | • GatesAir | • Flextronics International |
| • Genesys Aerosystems | • Moog Inc. | • Aclara Technologies |
| • Vitamix | • Nortech Systems | • Benchmark Electronics |
| • Century Flight Systems | • dormakaba Group | • Advanced Micro Controls, Inc. (AMCI) |
| • Garmin (Aviation) | • NEO Tech | |