STC, Incorporated designs, manufactures, and tests custom transformers, inductors, and coils for a wide variety of applications, including aerospace, military, and marine. STC’s ISO 9001:2008 certified quality program ensures that our products consistently meet customer requirements and perform reliably under the most demanding environmental conditions.

Areas of Expertise

- Transformer, Coil, Inductor, and Power-Supply Design and Manufacturing
- Build-to-Print and Contract Manufacturing of Magnetics and Electronic Components
- Environmental Testing and Performance Reporting
- Circuit Board Layout and Design Assistance
- Cable/Wire Harness Design and Fabrication
- Electronic-Packaging Design and Integration

Facilities & Equipment

- 35,000 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: Multiple Environmental Chambers (temperature & humidity), Vibration, and Shock Equipment
Expertise Summary

- Over 25 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**: Power supplies for electronic defense instrumentation and weapons
  - **Marine**: Vessel navigation instrumentation; Marine beacons and electronics
  - **Medical**: Patient monitoring equipment; Wound-care electronics
  - **Communications**: Radio transmitters; Broadcast tower beacons
  - **First-Response and Transit**: Traffic-signal priority systems; Automatic Vehicle Location systems; Real-time GPS-based RF control systems
- Lead technical staff members have over 68 years combined experience and hold degrees in Electrical Engineering, Computer Science, and Physics.
- Systems & Software development experience includes: Embedded firmware, GIS mapping and real-time vehicle 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
- **CAGE** (Commercial and Government Entity): 0BBP3
- **DUNS** (Dun & Bradstreet): 150412229
- **FSC** (Federal Supply Codes): 5950 - Coils and Transformers; 5998 - Electrical and Electronic Assemblies, Boards, Cards, and Associated Hardware

Customer List (abbr.)

- DRS Technologies
- Honeywell Aerospace
- Meggitt Avionics
- Cobham Aerospace
- Century Flight Systems
- Garmin (Aviation)
- Aeroflex Incorporated
- Harris Broadcast
- Tidelands Signal Corporation
- Life-Tech International
- Kinetic Concepts, Inc
- Adtran, Incorporated
- SPX Corporation
- Flextronics International
- Aclara (ESCO Technologies, Inc.)
- Moog Videolarm
- Delphi Automotive
- DORMA

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