



ETP Thermal Dynamics located in Tulsa, OK, is a leading FAA/EASA/ISO/AS9100/Boeing approved repair station specializing in the design, manufacturing, repair and overhaul of heat transfer components and systems. Innovation has been the cornerstone to ETP's success, our experienced team of engineers incorporates system planning to reduce MTBF and extend the service life of the component. Components include heat exchangers of various material (stainless steel, aluminum, Inconel) and configurations (plate-fin). ETP Thermal Dynamics also services a variety of Electromechanical, Hydraulic and Fluid System components of all types of commercial, regional, and military aircraft.



ETP Thermal Dynamics, differentiates itself through consistent Research & Development efforts creating innovative solutions to engineering design & manufacturing challenges. Customers are offered:

- Improved product reliability
- Innovative manufacturing & repair solutions
- Reduce operator maintenance cost
- Reduce acquisition cost
- Reduced MTBF (mean time before failure)
- +200 DER Specialized Repair Programs
- Rapid Turn-Around-Time (TAT)
- Fixed Flat Rate Price Schedules
- 24/7 AOG
- Customer first philosophy

WHAT WE DO. ETP THERMAL DYNAMICS.

CERTIFICATIONS:

FAA/EASA/BOEING CERTIFIED:

- ✈️ FAA Repair Station: 3ETR845C
- ✈️ EASA Repair Station: EASA.145.6741

QUALITY CERTIFICATIONS:

- ✈️ ISO 90001:2015
- ✈️ AS9100D & AS9110C

BRAZING:

- ✈️ Aluminum Vacuum Brazing
- ✈️ Stainless Steel Vacuum Brazing

Approvals:

- ✈️ Dye Penetrant Inspection
- ✈️ Airframe
- ✈️ Accessory
- ✈️ Specialized Services

COMPETITIVE DIFFERENCES:

- ✈️ Full In-House Tooling Design and Manufacturing
- ✈️ Industry recognized Quality Systems
- ✈️ **Innovative** Repair Solutions, Low Cost/High Value
- ✈️ State-of-the-Art Facilities and latest Technologies
- ✈️ **Responsive**, Customer First operation
- ✈️ Customer Tailored programs, TAT's/Exchange
- ✈️ Veteran Management and Staff
- ✈️ **Global**, local offices for immediate support

CORE COMPETENCIES

Manufacturing, Test, Repair, Overhaul, and Recore of heat-transfer components and systems:

- Environmental Control Systems
- Oil Coolers
- Fuel Heaters
- Electromechanical and Hydraulic Components

These product offerings are fully supported by ETP Thermal Dynamics core technologies:

- Heat Transfer Modeling/Design
- Manufacturing
- Testing
- Aftermarket Support

Customer Base:

- Major and Regional Airlines
- Military & Defense
- Cargo Operators
- MRO's
- Aftermarket Suppliers



Pre-cooler E170/175



Water Separator B737



Condenser A320



Condenser/Reheater B777