

Environmental Control System Solutions

Repair Station: APU Plenums, Inlets and Exhausts

ITT's APU Inlet, Exhaust and Plenum Repair Center is a dedicated composite and sheet metal facility optimized for quick turnaround times. Our Repair Center is a FAA/EASA certified 145 Repair Station serving the APU Accessories market for more than a decade. Our repair services were developed through our many years of engineering, design, development, R & D and manufacturing of acoustically treated inlet and exhaust silencers, ECS ducts, plenums, and mufflers for Hamilton Sundstrand, Honeywell, Bombardier, Embraer, Boeing Defense, Hawker Beechcraft and others. In 2002 we added our repair station to support our OEM products. Our customers very quickly realized our strong commitment to aftermarket repairs through our unconditional support, quality products and quick turn times. We offer solutions to eliminate recurring failures and expanded repairs with the support of our engineering department.

At ITT, we pride ourselves in working with our customers to reduce costs by repairing problems, not symptoms, with sound and solid solutions.

Repair Stations

- FAA: EFKR738K
- EASA: 145.5242

Part Capabilities

- APU Exhaust Silencers
- APU Exhaust Liners
- APU Exhaust Ducts
- APU Inlet Silencers
- APU Inlet Ducts



In-House Process Capabilities

- Metal
 - Fusion welding
 - Resistance welding
 - Automated welding
 - Shearing & trimming
 - Roll forming
 - Drilling
 - Riveting
 - Deburring
 - Feltmetal repair
 - Cleaning
- Composite
 - Prepreg repair
 - Wet lay-up repair
 - Adhesive bonding
 - Vacuum bag, oven curing
 - Vacuum bag, autoclave curing
 - Sanding
 - Routing
 - Trimming
 - Cleaning

Quality

- Coordinate Measuring Machine
- Ultrasonic inspection
- Mechanical testing

Other Hartzell Repair Products

- Electric heaters
 - Drain masts
 - Electric anti-ice and de-ice inlets
 - Electric anti-ice and de-ice elevator horns

