

## Product Profile

Harter Aerospace repairs, overhauls and tests numerous commercial aircraft and military components including:

The Perfect Fit  
... GUARANTEED

[www.harter.aero](http://www.harter.aero)

**HARTER Aerospace**  
401 W. Gemini Drive  
Tempe, AZ USA 85283

Tel: +1-480-345-9595

GOVERNING CERTIFICATIONS / APPROVALS

• FAA Repair Agency # VDTR380K  
European Union – EASA.145.4512  
Peoples Republic of China – CAAC F00100407  
Indonesia – DGAC #1452840001  
Thailand – Dept. of Civil Aviation # 329/2547  
S - Canada Military Certificate – DD2345



# PNEUMATIC / ELECTROMECHANICAL EQUIPMENT REPAIR & OVERHAUL

## VALVES

- Anti-Ice Valves
- Bleed Air Valves
- Check Valves
- Cooling Valves
- Flow Control Valves
- High Pressure Valves
- Pilot Valves
- Pre-Cooler Valves
- Pressure Regulator Valves
- Shut Off Valves
- Start Valves
- Surge Control Valves
- Temperature Control Valves



## FANS

- Cabin Air Recirculation
- Cooling Fans
- Instrument Cooling Fans
- Turbo Fans
- Vane-Axial Fans
- Waste Disposal Fans



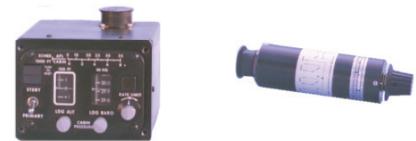
## SENSORS & SWITCHES

- Auxiliary Power Unit (APU) Accessories
- Environmental Control System (ECS)
- Exhaust Gas Temperature (EGT)
- Limit switches
- Low Oil Pressure (LOP)
- Pressure
- Temperature



## SELECTORS

- Cabin Air Pressure Selectors
- Cabin Temp Selectors



## STARTERS

- Air Turbine starters (Narrow body)
- Air Turbine starters (Wide body)
- Electric APU Starters





Visit Us on the Web: [www.harter.aero](http://www.harter.aero)

## Thrust Reverser Expertise

Harter is an industry leader in the overhaul maintenance of Aircraft Thrust Reverser Actuation Systems. Harter's team is unsurpassed in OEM and Aftermarket Center Drive Unit (CDU) knowledge; having designed and fabricated test equipment, set-up an OEM facility for CDU's, and conducted the OEM training and debugging of secondary test systems.

### OVERHAULED THRUST REVERSER ACTUATION COMPONENTS

- Ballscrew actuators
- Center Drive Units (CDU)
- Directional Pilot Valves
- Gearboxes
- Pneumatic & Hydraulic Actuators
- Hydraulic Latches & Junction Boxes
- Lock Brakes (TRAS Lock)
- Position Switches
- Switcher Valves
- Transducers

**Aiding Client's with Technical Investment Decisions is the Highest Form of Service!**

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## Engineering Services

As a leader in the design and creation of various test systems and Ground Support Test Equipment, Harter Industries offers the aviation industry expert experience in:

### Support Services

- Analysis and Problem Solving
- Project Level Support
- On Site Consulting (long and short term)

### Design Services:

- Test Equipment Design
- Test Cells and Test Systems
- Industrial Air Heating, Air Delivery Systems, and Controls
  - Electronic
  - Pneumatic
  - Hydraulic
  - Mechanical



Harter's Origin of Strong Technical Expertise, is Reflected in Our Aftermarket Support for Innovation!

### Technical Writing and Drafting

- Document & Drawing Creation
- Procedures

**Harter's Founder was Personally Responsible for the Design of Many Aircraft Valves in Use Today!**