Expertise

40 years of C-130 Air Starter experience
We are a pioneer in Air Turbine Starter System technologies

20,000 units
Air Turbine Starters produced and fielded for starting T56/501 engines worldwide

USAF Approved
Fleet Standard product approved for installation under Lockheed SB 82-762

Technology Integration
Air Turbine Starter Control Valve integrates leading-edge commercial technologies

Extended Warranty
Ensures peace of mind for quality product performance

Innovation

Air Turbine Starter
Quick Attach–Detach (QAD) Adapter
- 75% reduction in installation and removal time (8 hours to 2 hours)
- Simplified maintenance using one bolt to install/remove unit

Fully Certified Containment Features
- Qualified axial and radial containment
- Crossbars added to Inlet Scroll to retain exducer in event of bearing failure
- Inconel 625 backing plate added to improved thermal barrier

Upgraded Turbine bearings and seals
- Improves bearing life, durability and cost of ownership

Improved Operational Capability
- Pressure relief for free-run condition

Air Turbine Starter Control Valve
Commercial-Based Innovation
- New actuator and servo based on highly successful EMB 135/145 business jet SCV design

Improved Valve Design
- Reduces major hardware part-count by 50 percent

Existing Valve Body Re-Use
- Ensures aircraft interface remains unchanged

Proven Design

Enhanced Mean Time Between Failure (MTBF)
Improved performance with lower cost of ownership:

> 4,700 hours – Air Turbine Starter
Based upon existing fleet performance

> 12,000 hours – Starter Control Valve
Field-proven in high-cycle commercial application

Reduced Maintenance Costs
Drop-in Replacement
No aircraft modifications required

Global Service and Support Network
Knowledge and resources for all service needs – whenever and wherever maintenance and repair services are required

Find out more at www.aerospace.honeywell.com