



JLC Aeronautical Vapor Cycle Air Conditioner

DATA SHEET

Applicability: DHC-6 “Twin Otter” Series 100, 200, 300, 400

Approvals: United States, FAA STC SA4622SW

Canada, TCCA STC SA16-51

EU, EASA STC 10071650

Brazil, ANCA STC 2020S06-07 (-400 only)

Purpose: Enhanced passenger comfort. Reduced crew fatigue.

Installation / Operation: Our systems are provided in complete kit form. Subassembly construction provides ease of installation, reconfiguration, and maintenance. Subassemblies are situated beneath the aft cabin subfloor and on the aft cabin bulkhead. Cockpit located switches control system operation and fan speeds. Rapid cooling is achieved by mass delivery of recirculated and conditioned (cooled & dehumidified) cabin air. Recirculation rate is maximized using high-capacity blowers. Operation is quiet, effective, safe, and reliable.

Points of interest:

- Popular globally with Landplane and Seaplane operators (including Aircraft OEM approved for new production aircraft)
- FAA-PMA manufactured by Zee Systems Inc.
- 24,000 BTU Cooling capability.
- 134 pounds (approximately) fully installed.
- 130 Amp 28V DC required.
- Operates on external ground power or with engine generators on-line.
- Blower system operative on single generator.
- Minimized C of G impact (advantageous for Seaplane operations).
- Alternate evaporator blower system configuration available.
- Minimal scheduled maintenance and no applicable AD's.
- Simple & clean installation.
- Spares and technical support readily available.
- CFC free R-134A refrigerant.
- MEL Deferable System.

Visit: www.jlcaeronautical.com

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Note: Information above is subject to change without notice