



Small Airplane Directorate
Atlanta Manufacturing Inspection
District Office
One Crown Center, Suite 475
1895 Phoenix Boulevard,
Atlanta, GA 30349

U.S. Department
of Transportation

**Federal Aviation
Administration**

July 17, 2002

Project No. PQ1465CE

Aero Design, Inc.
385 Industrial Park Drive
Mt. Juliet, TN 37122

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

In accordance with the provisions of 14 CFR part 21, Subpart K, we have found that the design data, based on Test and Computations submitted by Aero Design, Inc. with letter dated July 12, 2002, meet the airworthiness requirements of the regulations applicable to the products on with the parts are to be installed. Additionally, it has been determined that Aero Design, Inc. has established the fabrication inspection system required by part 21 § 21.303(h) at 385 Industrial Park Drive, Mt. Juliet, TN. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 86.

You are reminded that the provisions of the Federal Aviation Regulations, noted in our PMA letter of approval dated March 30, 1995, also apply to the enclosed PMA Listing-Supplement No. 86.

Should you have any questions regarding this matter, you may wish to direct them to the Atlanta MIDO at telephone (770) 703-6100.

Sincerely,

For: *Angelia D. Reeves*
Jim Reeves
Manager, Atlanta Manufacturing
Inspection District Office

Enclosure

**PROPRIETARY
AERO DESIGN, INC.**

PARTS MANUFACTURER APPROVAL NO. PQ1465CE

PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 86

DATED JULY 17, 2002

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Aero Design, Inc.
385 Industrial Drive
Mt. Juliet, TN 37122

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For</u>	<u>FAA Approval Basis & Approved Design Data</u>	<u>Installation Eligibility</u>	<u>Model</u>
Battery Pack	Battery Pack Part Number AD-301-3017	NEC Battery Pack Part Number 301-3017 Installed in NEC 301-3000	Test and Computations per 14 CFR § 21.303 (c)4, <u>Dwg No:</u> A-1239A, <u>Rev:</u> Original, <u>Date:</u> 05/10/02, or later FAA Approved Revision	Aerospatiale	ATR42 Series ATR42-200, ATR42-300, ATR42-320, ATR42-500, ATR72 Series ATR72-101, ATR72-201, ATR72-102, ATR72-202, ATR72-211, ATR72-212, ATR72-212A

-END OF LISTING-

NOTE: Minor design changes (reference 14 CFR Part 21 §§ 21.93 and 21.95) must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR Part 21 §§ 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original FAA-PMA.

for: *Angelia J. Reeves*
Jim Reeves
Manager, Atlanta Manufacturing
Inspection District Office

PROPRIETARY
AERO DESIGN, INC.