



U.S. Department
of Transportation
**Federal Aviation
Administration**

Engine & Propeller Directorate

Manufacturing Inspection District Office -44
400 Airport Drive, Bldg. 201, Rm 102
New Cumberland, PA 17070-3419

Tel: (717) 782 - 4425 Fax: (717) 782 - 2231

June 13, 2011

Mr. Donald D. Lichy
Thrane & Thrane, Inc.
509 Viking Drive, Suites K, L and M
Virginia Beach, Virginia 23452

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Dear Mr. Lichy:

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR) Part 21, Certification Procedures for Products, Articles, and Parts, subpart K, the FAA has found that the design data, based on a licensing agreement submitted by AeroMech Incorporated with your letter dated June 2, 2011 meets the airworthiness requirements of the regulations applicable to the products on which the articles are to be installed. Additionally, the FAA has determined that Thrane & Thrane, Inc. has established the quality system required by § 21.307 at 509 Viking Drive, Suites K, L & M, Virginia Beach, Virginia 23452. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 3. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 4.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, noted in our PMA letter of approval dated March 14, 2005, PMA Supplement No. 1 also apply to the enclosed PMA Listing Supplement No. 4. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,



Stacy L. Ratliff
Manager

Enclosure:
Thrane & Thrane PMA Supplement No. 4

cc: Air -140 Supplement only

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Thrane & Thrane, Inc.
509 Viking Dr. Suite K, L, & M
Virginia Beach Virginia 23452

PMA No.: PQ2077NE
Supplement No.: 4
Date: June 13, 2011

Article Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
AVIATOR Wireless Handset	405624B-THR	TT-5624B	Licensing agreement between AeroMech Incorporated and Thrane & Thrane, Inc. File No AMI -11-0031 dated 6-1-11, STC ST02010SE <u>DWG No:</u> 405624B-THR Rev A09 or later FAA approved revisions.	Gulfstream Aerospace LP	Gulfstream 200 (Galaxy)
AVIATOR Wireless Handset	405624B-THW	TT-5624B	Licensing agreement between AeroMech Incorporated and Thrane & Thrane, Inc. File No AMI-11-0031 dated 6-1-11 STC ST02010SE <u>DWG No:</u> 405624B-THW Rev A07 or later FAA approved revisions.	Gulfstream Aerospace LP	Gulfstream 200 (Galaxy)
AVIATOR Wireless Cradle	405626B-THR	TT-5626B	Licensing agreement between AeroMech Incorporated and Thrane & Thrane, Inc. File No AMI-11-0031 dated 6-1-11 STC ST02010SE <u>DWG No:</u> 405626B-THR Rev A10 <u>Rev: B00</u> or later FAA approved revisions.	Gulfstream Aerospace LP	Gulfstream 200 (Galaxy)

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

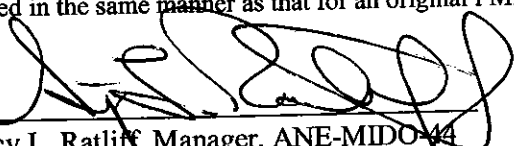
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-----End of Listing-----

Note: The procedures that have been accepted by the type certificate or TSO holder and their cognizant FAA Aircraft Certification Office, for minor changes to the original articles used on the type-certified products, are also acceptable for incorporating the same minor changes on identical PMA replacement articles. The PMA holder must be able to show traceability relating to the TC, STC, or TSO authorization holder on all minor changes incorporated by this procedure. When these procedures are no longer applicable because of completion of the production contract, or the termination of the licensing agreement or business relationship, all subsequent minor changes to the PMA articles must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR §§ 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original PMA.


Stacy L. Ratliff, Manager, ANE-MIDO-44
Manufacturing Inspection District Office
New Cumberland, Pennsylvania