



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

Rotorcraft Directorate
San Antonio Manufacturing Inspection District Office

10100 Reunion Place, Suite 650
San Antonio, Texas 78216
Phone: (210) 308-3360
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October 15, 2010

Aero Brake & Spares, Inc.
6202 Civic Drive
Lago Vista, Texas 78645

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR), Part 21, Certification Procedures for Products and Parts, subpart K, the Federal Aviation Administration (FAA) has found that the design data based on test and computation submitted by Aero Brake & Spares, Inc., with your letter dated January 12, 2009, meets the airworthiness requirements of the regulations applicable to the products on which the parts are to be installed. Additionally, the FAA has determined that Aero Brake & Spares, Inc. has established the fabrication inspection system required by § 21.303(h) at 6202 Civic Drive, Lago Vista, Texas 78645. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 68.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, noted in our PMA letter of approval dated November 7, 2008, also apply to the enclosed PMA Listing-Supplement No. 68. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

Ford J. Lauer III
Manager, San Antonio Manufacturing
Inspection District Office

Enclosure:

cc:
AIR-140



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FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Aero Brake & Spares
6202 Civic Drive
Lago Vista, TX, 78645

PMA NO. PQ0694SW
SUPPLEMENT NO. 68
DATE 10/15/10


Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Packing	68-155AB	68-155	Test and Computations per 14 CFR § 21.303, <u>DWG No: 68-155AB</u> <u>Rev: IR</u> <u>Date: 11/16/09 or later FAA-</u> approved revisions	Empresa Brasileira de Aeronautica S.A	Each aircraft when equipped with Goodrich Main Brake Assemblies 3-1550, 3-1550-1: EMB-145 EMB-145ER EMB-145MR EMB-145LR EMB-135ER EMB-135LR EMB-135KE EMB-135KL EMB-135BJ EMB-145XR EMB-145MP EMB-145EP

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

NOTE:

- 1) Provide minor design changes in a manner as determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.
- 2) The FAA approved ICA for the above parts with their designs. These ICA may refer to those of the respective parts from the holders of type certificates. **Otherwise**, provide supplemental ICA for differences in the replacement parts. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.

for  8/24/2010
S. Fran Cox, Manager
Aircraft Certification Office, ASW-190


Ford Lauer, Manager
San Antonio Manufacturing Inspection
District Office, SW-MIDO-43