



U.S. Department
of Transportation

**Federal Aviation
Administration**

**Los Angeles - Manufacturing
Inspection District Office
Transport Airplane Directorate**
3960 Paramount Boulevard
Lakewood, California 90712-4137

February 10, 2012

Alliance Aerospace Engineering, LLC.
185 Paularino Avenue, Suite A
Costa Mesa, CA. 92626

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, Articles, and Parts, subpart K, the FAA has found that the design data, based on a Test and Computation submitted by Alliance Aerospace Engineering, LLC., with your letter dated December 29, 2011, meet the airworthiness requirements of the regulations applicable to the products on which the articles are to be installed. Additionally, the FAA has determined that Alliance Aerospace Engineering, LLC., has established the quality system required by § 21.307 at 185 Paularino Avenue, Suite A., Costa Mesa, CA. 92626. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 5.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval dated November 17, 2011, also apply to the enclosed PMA Listing-Supplement No. 5. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

Wanda A. Kimura
Manager, Los Angeles Manufacturing
Inspection District Office

Enclosure:
PMA Listing-Supplement No. 5

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

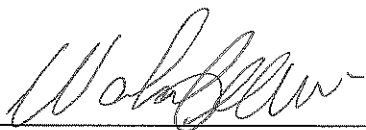
**ALLIANCE AEROSPACE ENGINEERING, LLC
 185 PAULARINO AVE SUITE A
 COSTA MESA, CALIFORNIA 92626**

**PMA NO: PQ2532NM
 SUPPLEMENT NO: 5
 DATE: FEBRUARY 10, 2012**

PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Spin Brake Assembly, Nose Wheel	10-N0042-1	012N 00 42-1	Test & Computation per 14 CFR § 21.303 Drawing No.: 10-N 42 Rev.: "N/C" Date: 6/30/2011 or later FAA approved revisions	Boeing	757-200 757-200CB 757-200PF 757-300

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.



**Gregory S. DiLibero
 Manager, Airframe Branch
 Los Angeles Aircraft Certification Office**



**Wanda A. Kimura
 Manager, Los Angeles Manufacturing Inspection
 District Office**