



U.S. Department  
of Transportation

**Federal Aviation  
Administration**

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

July 11, 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 June 1, 2012, 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 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. 7.

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. 7. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

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

Enclosure:  
PMA Listing-Supplement No. 7

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**


ALLIANCE AEROSPACE ENGINEERING, LLC  
 185 PAULARINO  
 COSTA MESA, CALIFORNIA 92626


PMA NO. PQ2532NM  
 SUPPLEMENT NO. 7  
 DATE: JULY 11, 2012

PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Servo Valve, Brake Body	10-AB35-003-2-4	35-003-2-3	Test & Computation per 14 CFR § 21.303 Drawing No.: 10-AB 35-003 Rev.: "D" Date: 05/07/2012 Or later FAA approved revisions	Airbus	<b>A318 Series</b> A318 Model-111 A318 Model-112 A318 Model-121 A318 Model-122  <b>A319 Series</b> A319 Model-111 A319 Model-112 A319 Model-113 A319 Model-114 A319 Model-115 A319 Model-131 A319 Model-132 A319 Model-133  <b>A320 Series</b> A320 Model-111 A320 Model-211 A320 Model-212 A320 Model-214 A320 Model-231 A320 Model-232 A320 Model-233  <b>A321 Series</b> A321 Model-111 A321 Model-112 A321 Model-131 A321 Model-211 A321 Model-231 A321 Model-212 A321 Model-213 A321 Model-232

**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.

  
 Mansour Rafat  
 Manager, Cabin Safety, Mechanical and  
 Environmental Systems Branch  
 Los Angeles Aircraft Certification Office

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