

**FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL**

Seal Dynamics  
13780 McCormick Drive  
Tampa, FL 33626

PMA NO. **PQ1715CE**  
SUPPLEMENT NO. **356 R1**  
DATE: **August 2, 2012**

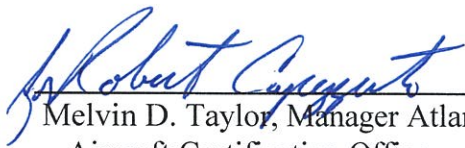
Article Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
O-Ring	403039-35SD	Parker Hannifin Part numbers 403039-15 AS568-222 AS568-222Z7257 S2U2-222 S2U222 S2U2222 S2U3-222 V8545A7257-222 2-222	Test and Computations per 14 CFR § 21.303 <u>Dwg No:</u> 403039-YYSD <u>Rev:</u> IR <u>Dated:</u> 03/15/12 or later FAA-approved revisions	Embraer	EMB135 Series EMB145 Series
O-Ring	403039-40SD	Parker Hannifin Part numbers 403039-20 AS568-226 AS568-226Z7257 S2U2-226 S2U2226 S2U226 S2U3-226 V8545A7257-226 2-226	Test and Computations per 14 CFR § 21.303 <u>Dwg No:</u> 403039-YYSD <u>Rev:</u> IR <u>Dated:</u> 03/15/12 or later FAA-approved revisions	Embraer	EMB135 Series EMB145 Series
O-Ring	403039-45SD	Parker Hannifin Part numbers 403039-25 AS568-230 AS568-230Z7257 S2U2-230 S2U2230 S2U230 S2U3-230 V8545A7257-230 2-230	Test and Computations per 14 CFR § 21.303 <u>Dwg No:</u> 403039-YYSD <u>Rev:</u> IR <u>Dated:</u> 03/15/12 or later FAA-approved revisions	Embraer	EMB135 Series EMB145 Series
Union	S4932412T4SD	Airdrome Precision Components P/N S4932412T4	Test and Computations per 14 CFR § 21.303 <u>Dwg No:</u> S4932412T4SD <u>Rev:</u> IR <u>Dated:</u> 04/06/12 or later FAA-approved revisions	Boeing	DC-9-10 series DC-9-20 series DC-9-30 series DC-9-40 series DC-9-50 series DC-9-81 DC-9-82 DC-9-83 DC-9-87 MD-88 717-200 DC-10-10 DC-10-10F DC-10-15 DC-10-30 DC-10-30F DC-10-40 DC-10-40F MD-10-10F MD-10-30F MD-11 MD-11F

Clapper	60050-99SD	Liebherr Aerospace P/N 60050-99	Test and Computations per 14 CFR § 21.303 <u>Dwg No:</u> 60050-99SD <u>Rev:</u> IR <u>Dated:</u> 03/14/09, or later FAA-approved revisions	Airbus	A330-201 A330-202 A330-203 A330-223 A330-223F A330-243 A330-243F A330-301 A330-302 A330-303 A330-321 A330-322 A330-323 A330-341 A330-342 A330-343 A340-211 A340-212 A340-213 A340-311 A340-312 A340-313 A340-541 A340-642
Nut	42FLW1018SD	Goodrich P/N 42FLW1018	Test and Computations per 14 CFR § 21.303 <u>Dwg No:</u> 42FLW1018SD <u>Rev:</u> A <u>Dated:</u> 05/14/08, or later FAA-approved revisions	Airbus  Boeing	A321 series  MD-88 767-200 series 767-300 series

-----**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 articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR § 21.50.

  
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 Melvin D. Taylor, Manager Atlanta  
 Aircraft Certification Office

  
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 Mack Riley, Manager Orlando  
 Manufacturing Inspection District Office



U.S. Department  
of Transportation

**Federal Aviation  
Administration**

Small Airplane Directorate  
Manufacturing Inspection District Office  
5950 Hazeltine National Drive, Rm 405  
Orlando, Florida 32822  
Telephone: (407) 855-9050

July 16, 2012

Scott Sanford  
Director of Engineering  
Seal Dynamics  
13780 McCormick  
Tampa, FL 33626

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 test and computation submitted by Seal Dynamics with your letter dated June 18, 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 Seal Dynamics has established the quality system required by § 21.307 at 13780 McCormick Drive, Tampa, Florida. Accordingly Parts Manufacture Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No 356.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, noted in our PMA letter of approval dated August 28, 2003, also apply to the enclosed PMA listing-Supplement No 356. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mack Riley".

Mack Riley  
Manager, Orlando MIDO

Enclosure  
PMA Listing –Supplement No. 356

**FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL**

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13780 McCormick Drive  
Tampa, FL 33626

PMA NO. **PQ1715CE**  
SUPPLEMENT NO. **356**  
DATE: **July 2, 2012**

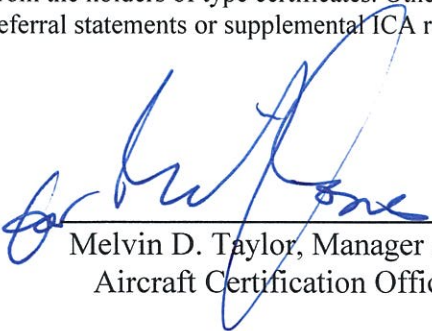
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