



U.S. Department
of Transportation

**Federal Aviation
Administration**

Small Airplane Directorate
Manufacturing Inspection District Office
5950 Hazeltine National Drive, Room 405
Orlando, Florida 32822

Telephone: (407) 855-9050

January 6, 2015

Mr. Scott Sanford
Seal Dynamics
13780 McCormick Drive
Tampa, FL. 33626

FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

In accordance with the provisions of Title 14, Code of 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 letter dated February 4, 2014 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 Dr. Tampa, Florida, 33626. Accordingly Parts Manufacture Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 396.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, noted in our PMA letter of approval dated August 8, 2008, also apply to the enclosed PMA listing-Supplement No. 396. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

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

Mack Riley
Manager, Orlando MIDO

Enclosed
PMA Listing-Supplement No. 396

FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

Seal Dynamics
13780 McCormick Drive
Tampa, FL 33626

PMA NO. PQ1715CE
SUPPLEMENT NO. 396
DATE: December 30, 2014

<u>Article Name</u>	<u>Article Number</u>	<u>Approved Replacement for Article Number</u>	<u>Approval Basis and Approved Design Data</u>	<u>Make/TCH Eligibility</u>	<u>Model/Series Eligibility</u>
Cushion – Bottom, Std	41031448-505SD	C&D Zodiac P/N 41031448-505	Test and Computations per 14 CFR § 21.303 <u>Dwg No:</u> 41031448-505SD <u>Rev:</u> B <u>Dated:</u> 11/19/2014 or later FAA approved revisions	Embraer	EMB-145, EMB-145ER, EMB-145MR, EMB-145LR, EMB-135ER, EMB-135LR, EMB-135KE, EMB-135KL, EMB-135BJ, EMB-145XR, EMB-145MP, EMB-145EP
Cushion – Bottom, Exit	41031463-501SD	C&D Zodiac P/N 41031463-501	Test and Computations per 14 CFR § 21.303 <u>Dwg No:</u> 41031463-501SD <u>Rev:</u> B <u>Dated:</u> 11/19/2014 or later FAA approved revisions	Embraer	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-----

GENERAL NOTES:

- 1) Provide minor design changes in a manner as determined by the ACO. Process major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.
- 2) The FAA accepted the ICA approach 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.

for 
Melvin D. Taylor, Manager
Atlanta Aircraft Certification Office


Mack Riley, Manager
Orlando Manufacturing Inspection District Office