

FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

Seal Dynamics
13780 McCormick Drive
Tampa, FL 33626

PMA NO. PQ1715CE
SUPPLEMENT NO. 223
DATE: SEPTEMBER 29, 2009

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For Part Number</u>	<u>Approved Basis and Approved Design Data</u>	<u>Make Eligibility</u>	<u>Model Eligibility</u>
Contact	111160SD	Unison P/N 111160	Test and Computations per 14 CFR , Part 21.303 <u>DWG NO:</u> 111160SD <u>REV:</u> IR <u>DATE:</u> 04/24/09 or later FAA Approved revisions	Boeing	747-400 Series equipped with Pratt & Whitney PW4000 Series Engines. 767-200 & -300 Series equipped with Pratt & Whitney PW4000 Series Engines
Seal Assembly	3179511-1SD	Honeywell P/N 3179511-1	Test and Computations per 14 CFR , Part 21.303 <u>DWG NO:</u> 3179511-1SD <u>REV:</u> IR <u>DATE:</u> 06/01/09 or later FAA Approved revisions	CFM International	CFM56-7B18 CFM56-7B20 CFM56-7B22 CFM56-7B24 CFM56-7B26 CFM56-7B27 CFM56-7B20/2 CFM56-7B22/2 CFM56-7B24/2 CFM56-7B26/2 CFM56-7B27/2 CFM56-7B27A CFM56-7B22/B1 CFM56-7B24/B1 CFM56-7B26/B1 CFM56-7B27/B1 CFM56-7B22/B2 CFM56-7B26/B2 CFM56-7B27/B3
Seal Assembly	3179511-2SD	Honeywell P/N 3179511-2	Test and Computations per 14 CFR , Part 21.303 <u>DWG NO:</u> 3179511-2SD <u>REV:</u> IR <u>DATE:</u> 06/17/09 or later FAA Approved revisions	CFM International	CFM56-7B18 CFM56-7B20 CFM56-7B22 CFM56-7B24 CFM56-7B26 CFM56-7B27 CFM56-7B20/2 CFM56-7B22/2 CFM56-7B24/2 CFM56-7B26/2 CFM56-7B27/2 CFM56-7B27A CFM56-7B22/B1 CFM56-7B24/B1 CFM56-7B26/B1 CFM56-7B27/B1 CFM56-7B22/B2 CFM56-7B26/B2 CFM56-7B27/B3

-----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 the ICA for the above parts with their designs. If the TC holder's ICA applies to these replacement parts, provide a statement noting such. If not, provide supplementary ICA per 14 CFR § 21.50. Make referral statements or supplemental ICA readily available per 14 CFR § 21.50.



Melvin D. Taylor, Manager Atlanta
Aircraft Certification Office



Mack Riley, Manager Orlando
Manufacturing Inspection District Office



U.S. Department
of Transportation

**Federal Aviation
Administration**

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

June 25, 2010

Scott Sanford
Seal Dynamics
13780 McCormick
Tampa, FL 33626

FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

Per Title 14 of the Code of Federal Regulations (14 CFR Part 21) Subpart K, the Federal Aviation Administration (FAA) has found design data submitted with your letters dated June 4, 2010, June 7, 2010 and June 8, 2010 meets the airworthiness requirements of the regulations for the products on which the parts are to be installed. We based our finding on test and computation. Also, we determined that your company set up the fabrication inspection system at, 13780 McCormick Drive, Tampa, Florida as required by 14 CFR, Part 21, Section § 21.303(h). Therefore, we grant parts manufacturer approval (PMA), which authorizes you to produce the replacement parts in the enclosed Supplement No. 259.

We remind you that the provisions of 14 CFR, noted in our PMA letter of approval dated August 28, 2003, also apply to the enclosed PMA Listing-Supplement No. 259. Please keep the enclosed supplement 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

FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

Seal Dynamics
 13780 McCormick Drive
 Tampa, FL 33626

PMA NO. PQ1715CE
 SUPPLEMENT NO. 259
 DATE: June 14, 2010

Part Name	Part Number	Approved Replacement for Part Number	Approved Basis and Approved Design Data	Make Eligibility	Model Eligibility
Seal-Edge Forward (LH)	AFL360-600-0SD	Goodrich Aerostructures P/N AFL360-600-0	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> AFL360-600-0SD <u>REV:</u> IR <u>DATE:</u> 03/30/10 or later FAA-approved revisions	Airbus	A340-211, -212, -213 A340-311, -312, -313
				CFM International	CFM56-5C2, -5C2/F, -5C2/G, -5C3/F, -5C3/G, -5C4
Seal Edge Forward (RH)	AFL360-650-0SD	Goodrich Aerostructures P/n AFL360-650-0	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> AFL360-650-0SD <u>REV:</u> IR <u>DATE:</u> 03/30/10 or later FAA-approved revisions	Airbus	A340-211, -212, -213 A340-311, -312, -313
				CFM International	CFM56-5C2, -5C2/F, -5C2/G, -5C3/F, -5C3/G, -5C4
Seal-Aft Latch (LH)	AFL361-201-0SD	Goodrich Aerostructures P/N AFL361-201-0	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> AFL361-201-0SD <u>REV:</u> IR <u>DATE:</u> 03/30/10 or later FAA-approved revisions	Airbus	A340-211, -212, -213 A340-311, -312, -313
				CFM International	CFM56-5C2, -5C2/F, -5C2/G, -5C3/F, -5C3/G, -5C4
Retainer - Boot	3236050-1SD	Honeywell P/N 3236050-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> 3236050-1SD <u>REV:</u> IR <u>DATE:</u> 02/26/10 or later FAA-approved revisions	CFM International	CFM56-2 CFM56-2A CFM56-2B CFM56-3 CFM56-3B CFM56-3C CFM56-5 CFM56-5B Series CFM56-5C Series
Rub Strip	D53B21601-13SD	Goodrich Aerostructures P/N D53B21601-13	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> D53B21601-13SD <u>REV:</u> IR <u>DATE:</u> 09/09/09 or later FAA-approved revisions	CFMI	CFM56-5C Series
				Airbus	A340-200 Series A340-300 Series
Rub Strip	D53B21601-21SD	Goodrich Aerostructures P/N D53B21601-21	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> D53B21601-21SD <u>REV:</u> IR <u>DATE:</u> 09/09/09 or later FAA-approved revisions	CFMI	CFM56-5C Series
				Airbus	A340-200 Series A340-300 Series

Gasket, Seal	1348M43P02SD	General Electric P/N 1348M43P02	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> 1348M43P02SD <u>REV:</u> IR <u>DATE:</u> 01/18/10 or later FAA- approved revisions	CFM International	CFM56-5A1 CFM56-5A1/F CFM56-5A3 CFM56-5A4 CFM56-5A4/F CFM56-5A5 CFM56-5A5/F CFM56-5B1 CFM56-5B2 CFM56-5B4 CFM56-5B5 CFM56-5B6 CFM56-5B7 CFM56-5B1/2 CFM56-5B2/2 CFM56-5B4/2 CFM56-5B6/2 CFM56-5B1/P CFM56-5B2/P CFM56-5B3/P CFM56-5B4/P CFM56-5B5/P CFM56-5B6/P CFM56-5B7/P CFM56-5B1/2P CFM56-5B2/2P CFM56-5B3/2P CFM56-5B4/2P CFM56-5B6/2P CFM56-5C2 CFM56-5C2/4 CFM56-5C2/F CFM56-5C2/G CFM56-5C2/F4 CFM56-5C2/G4 CFM56-5C3 CFM56-5C3/F CFM56-5C3/G CFM56-5C3/F4 CFM56-5C3/G4 CFM56-5C4 CFM56-5C4/1 CFM56-5C2/P CFM56-5C3/P CFM56-5C4/P CFM56-5C4/1P
Spring	3010927SD	Pratt & Whitney P/N 3010927	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> 3010927SD <u>REV:</u> IR <u>DATE:</u> 06/06/08 or later FAA- approved revisions	Pratt & Whitney	PW118, PW118A, PW118B, PW119B, PW119C, PW120, PW120A, PW121, PW121A, PW123AF, PW124B, PW125B, PW126A, PW127, PW127E, PW127F, PW127G, PW127M

Ring	3010929SD	Pratt & Whitney P/N 3010929	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> 3010929SD <u>REV:</u> IR <u>DATE:</u> 06/06/08 or later FAA- approved revisions	Pratt & Whitney	PW118, PW118A, PW118B, PW119B, PW119C, PW120, PW120A, PW121, PW121A, PW123AF, PW124B, PW125B, PW126A, PW127, PW127E, PW127F, PW127G, PW127M
Contact	111160SD	Unison P/N 111160	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> 111160SD <u>REV:</u> IR <u>DATE:</u> 04/24/09 or later FAA- approved revisions	Boeing	777 series equipped with Pratt & Whitney PW4077 or PW4090 series engines

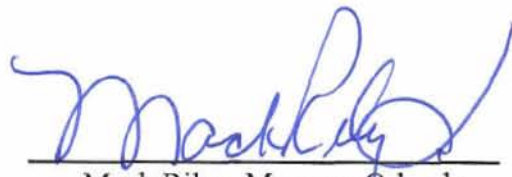
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