

PARTS MANUFACTURER APPROVAL NO. PQ1715CE  
 PRODUCTION APPROVAL LISTING – SUPPLEMENT NO. 12  
 Date: June 23, 2004

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

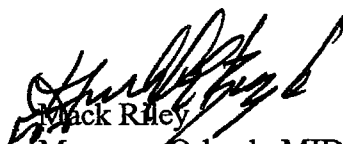
Seal Dynamics, Inc.  
 8377 Gunn Highway  
 Tampa, Florida 33626  
 (813) 920-7898

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For:</u>	<u>FAA Approved Basis and Approved Design Data</u>	<u>Installation Eligibility: MAKE</u>	<u>Installation Eligibility: MODEL</u>
Door Stop	SDI145-24000-001	Embraer P/N 145-24000-001	Testing and Computation per 14 CFR Part 21, section 21.303(c)(4), Seal Dynamics, Inc. Dwg. No. SDI145-24000-001 Rev. IR 1/24/04/ or later FAA approved revisions.	Embraer	EMB-135 Series EMB-145 Series
Door Stop	SDI145-24000-303	Embraer P/N 145-24000-303	Testing and Computation per 14 CFR Part 21, section 21.303(c)(4), Seal Dynamics, Inc. Dwg. No. SDI145-24000-303 Rev. IR dated 4/30/04/ or later FAA approved revisions.	Embraer	EMB-135 Series EMB-145 Series
Seal	SDI8757-350	Perkin Elmer P/N 8757-350	Testing and Computation per 14 CFR Part 21, section 21.303(c)(4), Seal Dynamics, Inc. Dwg. No. SDI8757-350 Rev. IR 1/24/04 or later FAA approved revisions.	General Electric  Airbus  Boeing  McDonnell Douglas	CFM56-5A/B/C Series Engines  A319 Series A320 Series A321 Series A340 Series  B737-300 Series B737-400 Series B737-500 Series B737-600 Series B737-700 Series B737-800 Series B737-900 Series  MD-11 Series
Seal	SDI8757-400	Perkin Elmer P/N 8757-400	Testing and Computation per 14 CFR Part 21, section 21.303(c)(4), Seal Dynamics, Inc. Dwg. No. SDI8757-400 Rev. IR 2/5/04 or later FAA approved revisions.	General Electric  Airbus  Pratt & Whitney  McDonnell Douglas	CFM56-5A/B/C Series Engines  A319 Series A320 Series A321 Series A340 Series  PW4000 Series  MD-11 Series
Seal	SDI314A1129-5	Boeing P/N 314A1129-5	Test and Computations per 14 CFR Part 21.303(c)(4), Seal Dynamics, Inc. Dwg. No. SDI314A1129-5 Rev. IR, dated 4/6/04 or later FAA approved revisions	Boeing	B737-300 Series B737-400 Series B737-500 Series

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Seal	SDI314A1129-6	Boeing P/N 314A1129-6	Test and Computations per 14 CFR Part 21.303(c)(4), Seal Dynamics, Inc. Dwg. No. SDI314A1129-6 Rev. IR, dated 4/6/04 or later FAA approved revisions.	Boeing	B737-300 Series B737-400 Series B737-500 Series
Seal	SDI314A1129-7	Boeing P/N 314A1129-7	Test and Computations per 14 CFR Part 21.303(c)(4), Seal Dynamics, Inc. Dwg. No. SDI314A1129-7 Rev. IR, dated 4/4/04 or later FAA approved revisions.	Boeing	B737-300 Series B737-400 Series B737-500 Series
Seal	SDI314A1129-8	Boeing P/N 314A1129-8	Test and Computations per 14 CFR Part 21.303(c)(4), Seal Dynamics, Inc. Dwg. No. SDI314A1129-8 Rev. IR, dated 4/6/04 or later FAA approved revisions.	Boeing	B737-300 Series B737-400 Series B737-500 Series
Seal	SDI314A1129-9	Boeing P/N 314A1129-9	Test and Computations per 14 CFR Part 21.303(c)(4), Seal Dynamics, Inc. Dwg. No. SDI314A1129-9 Rev. IR, dated 4/5/04 or later FAA approved revisions.	Boeing	B737-300 Series B737-400 Series B737-500 Series
Seal	SDI314A1129-10	Boeing P/N 314A1129-10	Test and Computations per 14 CFR Part 21.303(c)(4), Seal Dynamics, Inc. Dwg. No. SDI314A1129-10 Rev. IR, dated 4/7/04 or later FAA approved revisions.	Boeing	B737-300 Series B737-400 Series B737-500 Series
Seal Chamfered	SDI9048156	Unison Industries P/N 9048156	Test and Computations per 14 CFR Part 21.303(c)(4), Seal Dynamics, Inc. Dwg. No. SDI9048156 Rev. IR, dated 12/11/03 or later FAA approved revisions.	Airbus	A340
Bolt	SD5010539	Aircraft Braking Systems P/N 5010539	Test and Computations per 14 CFR Part 21.303(c)(4), Seal Dynamics, Inc. Dwg. No. SD5010539 Rev IR, dtd 5/25/04 or later FAA approved revision	Bombardier	CL-600-2B19 Seris

----- END OF LISTING -----

Note: Minor design changes (reference 14 CFR part 21 sections 21.93 and 21.95) must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR part 21 sections 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original FAA-PMA.

  
Mack Riley  
Manager, Orlando MIDO

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

Seal Dynamics  
 A HEICO Aerospace Company  
 13780 McCormick Drive  
 Tampa, Florida 33626

<b>PMA NO.:</b>	<u>PQ1715CE</u>
<b>SUPPLEMENT No.:</b>	<u>373</u>
<b>DATE:</b>	<u>September 11, 2012</u>
<b>REVISION No.:</b>	<u>1</u>
<b>REVISION DATE:</b>	<u>May 23, 2013</u>

Article Name	Part Number	Replacement For	Approval Basis and Approved Design Data	Eligibility (Make)	Eligibility (Model)
Gasket	ST1140-21(S)	Pratt & Whitney P/N ST1140-21	Tests and Computations per 14 CFR § 21.303, Dwg No.: ST1140-XX(S) Rev.: A, Dated: 06/05/12, or later FAA approved revisions.	Pratt & Whitney	PW2037M PW2040 PW2240 PW4050 PW4052 PW4056 PW4060 PW4060A PW4158 PW4160 PW4460 PW4462 JT9D-7R4D JT9D-7R4D1 JT9D-7R4E JT9D-7R4E1 JT9D-7R4G2 JT9D-7R4H1 JT9D-7R4E4  IAE V2500-A1 V2522-A5 V2524-A5 V2530-A5 V2533-A5 V2527-A5 V2527E-A5 V2527M-A5 V2525-D5 V2528-D5
Seal-Inner	642-4002-19SD	Goodrich Aerostructures P/N 642-4002-19	Tests and Computations per 14 CFR § 21.303, Dwg No.: 642-4002-19SD Rev.: IR, Dated: 05/01/12, or later FAA approved revisions.	Airbus	A318 series A319 series A320 series A321 series  All having CFM56-5A series or CFM56-5B series engines installed

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Seal-Ring	37604-331SD	Parker-Hannifin P/N 37604-331	Tests and Computations per 14 CFR § 21.303, Dwg No.: 37604-331SD Rev.: IR, Dated: 05/16/12, or later FAA approved revisions.	Rolls Royce	RB211-524G2-19 RB211-524G2-T-19 RB211-524G3-19 RB211-524G3-T-19 RB211-524H-36 RB211-524H-T-36 RB211-524H2-19 RB211-524H2-T-19 RB211-535C-37 RB211-535E4-37 RB211-535E4-B-37 RB211-535E4-C-37

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Packing- Preformed O-ring	649-788-432-OSD	CFM International P/N 649-788-432-0	Tests and Computations per 14 CFR § 21.303, Dwg No.: 649-788-432-OSD Rev.: IR, Dated: 05/07/12, or later FAA approved revisions.	CFM International	CFM56-2,CFM56-2A, CFM56-3, CFM56-3B, CFM56-3C, CFM56-5, CFM56-5-A1/F, CFM56-5A3, CFM56-5A4, CFM56-5A4/F, CFM56-5A5, CFM56-5A5/F, CFM56-5B1, CFM56-5B1/P, CFM56-5B1/2P, CFM56-5B2, CFM56-5B1/3, CFM56-5B2/3, CFM56-5B3/3, CFM56-5B3/3B1, CFM56-5B2/P, CFM56-5B2/2P, CFM56-5B3/P, CFM56-5B3/P1, CFM56-5B4/3, CFM56-5B4/3B1, CFM56-5B5/3, CFM56-5B6/3, CFM56-5B3/2P, CFM56-5B3/2P1, CFM56-5B4, CFM56-5B4/P, CFM56-5B4/P1, CFM56-5B4/2P, CFM56-5B4/2P1, CFM56-5B5, CFM56-5B5/P, CFM56-5B6, CFM56-5B6/P, CFM56-5B6/2P, CFM56-5B7, CFM56-5B7/P, CFM56-5B8/P, CFM56-5B9/P, CFM56-5B7/3, CFM56-5B8/3, CFM56-5B9/3, CFM56-5B9/2P, CFM56-7B20, CFM56-7B20/2, CFM56-7B20/3, CFM56-7B22, CFM56-7B22/B1, CFM56-7B22/2, CFM56-7B22/3, CFM56-7B22/3B1, CFM56-7B24, CFM56-7B24/B1, CFM56-7B24/2, CFM56-7B24/3, CFM56-7B24/3B1, CFM56-7B26, CFM56-7B26/B1, CFM56-7B26/B2, CFM56-7B26/2, CFM56-7B26/3, CFM56-7B26/3B1, CFM56-7B26/3B2, CFM56-7B26/3B2F, CFM56-7B26/3F, CFM56-7B27, CFM56-7B27A, CFM56-7B27/B1, CFM56-7B27/B3, CFM56-7B27/2, CFM56-7B27/3, CFM56-7B27/3B1, CFM56-7B27/3B3, CFM56-7B27/3B1F, CFM56-7B27/3F, CFM56-7B27A/3

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Seal-End	290-0230-501SD	Goodrich Aerostructures P/N 290-0230-501	Tests and Computations per 14 CFR § 21.303, Dwg No.: 290-0230-50XSD Rev.: IR, Dated: 04/27/12, or later FAA approved revisions.	Boeing	MD-90-30 (with IAE V2525-D5 or V2528-D5 engines installed)
Seal-End	290-0230-502SD	Goodrich Aerostructures P/N 290-0230-502	Tests and Computations per 14 CFR § 21.303, Dwg No.: 290-0230-50XSD Rev.: IR, Dated: 04/27/12, or later FAA approved revisions.	Boeing	MD-90-30 (with IAE V2525-D5 or V2528-D5 engines installed)
Fire Seal	290-0115-1SD	Goodrich Aerostructures P/N 290-0115-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: 290-0115-1SD Rev.: IR, Dated: 05/03/12, or later FAA approved revisions.	Boeing	MD-90-30 with IAE V2525-D5 or V2528-D5 engines installed
Fire Seal	290-0115-3SD	Goodrich Aerostructures P/N 290-0115-3	Tests and Computations per 14 CFR § 21.303, Dwg No.: 290-0115-3SD Rev.: IR, Dated: 05/03/12, or later FAA approved revisions.	Boeing	MD-90-30 with IAE V2525-D5 or V2528-D5 engines installed
Seal-Firewall	290-0235-503SD	Goodrich Aerostructures P/N 290-0235-503	Tests and Computations per 14 CFR § 21.303, Dwg No.: 290-0235-503SD Rev.: IR, Dated: 04/16/12, or later FAA approved revisions.	Boeing	MD-90-30 with IAE V2525-D5 or V2528-D5 engines installed
Seal	290-0265-1SD	Goodrich Aerostructures P/N 290-0265-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: 290-0265-1SD Rev.: IR, Dated: 04/17/12, or later FAA approved revisions.	Boeing	MD-90-30 with IAE V2525-D5 or V2528-D5 engines installed

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Seal Assy	290-0052-501SD	Goodrich Aerostructures P/N 290-0052-501	Tests and Computations per 14 CFR § 21.303, Dwg No.: 290-0052-501SD Rev.: IR, Dated: 05/30/12, or later FAA approved revisions.	Boeing	MD-90-30 with IAE V2525-D5 or V2528-D5 engines installed
Seal Assy HPT	290-0918-501SD	Goodrich Aerostructures P/N 290-0918-501	Tests and Computations per 14 CFR § 21.303, Dwg No.: 290-0918-501SD Rev.: IR, Dated: 06/08/12, or later FAA approved revisions.	Boeing	MD-90-30 with IAE V2525-D5 or V2528-D5 engines installed
Seal Assy LPT	290-0918-503SD	Goodrich Aerostructures P/N 290-0918-503	Tests and Computations per 14 CFR § 21.303, Dwg No.: 290-0918-503SD Rev.: IR, Dated: 06/27/12, or later FAA approved revisions.	Boeing	MD-90-30 with IAE V2525-D5 or V2528-D5 engines installed
Packing, Preformed	ST3086-013(S)	Pratt & Whitney P/N ST3086-013	Tests and Computations per 14 CFR § 21.303, Dwg No.: ST3086-013(S) Rev.: IR, Dated: 07/12/11, or later FAA approved revisions.	Pratt & Whitney	PW118 PW118A PW118B
Packing, Preformed	ST3367-009(S)	Pratt & Whitney P/N ST3367-009	Tests and Computations per 14 CFR § 21.303, Dwg No.: ST3367-XXX(S) Rev.: IR, Dated: 07/12/11, or later FAA approved revisions.	Pratt & Whitney	PW118B

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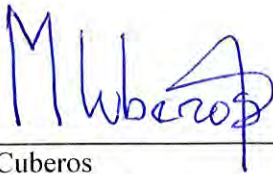
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Packing, Preformed	ST3367-010(S)	Pratt & Whitney P/N ST3367-010	Tests and Computations per 14 CFR § 21.303, Dwg No.: ST3367-XXX(S) Rev.: IR, Dated: 07/12/11, or later FAA approved revisions.	Pratt & Whitney	PW118B
Seal	SDI8757-350	Perkin Elmer P/N 8757-350	Tests and Computations per 14 CFR § 21.303, Dwg No.: SDI8757-350 Rev.: IR, Dated: 01/24/04, or later FAA approved revisions.	Pratt & Whitney	PW4152 PW4156A PW4158 PW4460 PW4462
Gasket-Seal	8TY99AAG1SD	AMETEK Aerospace P/N 8TY99AAG1	Tests and Computations per 14 CFR § 21.303, Dwg No.: 8TY99AAG1SD Rev.: IR, Dated: 02/24/12, or later FAA approved revisions.	General Electric	CF6-6 series CF6-45 series CF6-50 series

----- End of Listing -----

NOTE: Minor design changes (reference 14 CFR part 21 §§ 21.93 and 21.95) and major design changes (reference 14 CFR part 21 §§ 21.93 and 21.97) to drawings and specifications must be accomplished in accordance with the FAA approved HEICO PMA ODA Procedures Manual.



Marco Cuberos  
 PMA ODA administrator  
 HEICO Aerospace Corporation

This Supplement is an attachment to FAA-PMA approval letter dated August 28, 2003