

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

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

PMA NO.:	<u>PQ1715CE</u>
SUPPLEMENT No.:	<u>ODA-SD-048</u>
DATE:	<u>November 7, 2014</u>

<u>Article Name</u>	<u>Part Number</u>	<u>Replacement For</u>	<u>Approval Basis and Approved Design Data</u>	<u>Eligibility (Make)</u>	<u>Eligibility (Model)</u>
Seal, Block, Upr Sidewall/Core Cowl JT, LH, Thrust Reverser	491B1313108QAS-003	Middle River Aircraft Systems P/N: 491B1313108-003	Tests and Computations per 14 CFR § 21.303, Dwg No.: 491B1313108QSD-003/004, Rev.: IR, Dated: 09/04/14, or later FAA approved revisions.	General Electric	CF6-80C2A1 CF6-80C2A2 CF6-80C2A3 CF6-80C2A5 CF6-80C2A8 CF6-80C2A5F CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2B1F CF6-80C2B2F CF6-80C2B4F CF6-80C2B5F CF6-80C2B6F CF6-80C2B7F CF6-80C2B8F CF6-80C2B6FA CF6-80C2D1F CF6-80E1A2 CF6-80E1A3 CF6-80E1A4 CF6-80E1A4/B

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Seal, Block, Upr Sidewall/Core Cowl JT, RH, Thrust Reverser	491B1313108QAS-004	Middle River Aircraft Systems P/N: 491B1313108-004	Tests and Computations per 14 CFR § 21.303, Dwg No.: 491B1313108QSD-003/004, Rev.: IR, Dated: 09/04/14, or later FAA approved revisions.	General Electric	CF6-80C2A1 CF6-80C2A2 CF6-80C2A3 CF6-80C2A5 CF6-80C2A8 CF6-80C2A5F CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2B1F CF6-80C2B2F CF6-80C2B4F CF6-80C2B5F CF6-80C2B6F CF6-80C2B7F CF6-80C2B8F CF6-80C2B6FA CF6-80C2D1F CF6-80E1A2 CF6-80E1A3 CF6-80E1A4 CF6-80E1A4/B
Fire Seal, Upper Sidewall, Left Hand, Fixed Structure	491C1313521QAS-003	Middle River Aircraft Systems P/N: 491C1313521-003	Tests and Computations per 14 CFR § 21.303, Dwg No.: 491C1313521QSD, Rev.: IR, Dated: 09/03/14, or later FAA approved revisions.	General Electric	CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2B1F CF6-80C2B2F CF6-80C2B4F CF6-80C2B5F CF6-80C2B6F CF6-80C2B7F CF6-80C2B8F CF6-80C2B6FA

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Fire Seal, Upper Sidewall, Right Hand, Fixed Structure	491C1313521QAS-004	Middle River Aircraft Systems P/N: 491C1313521-004	Tests and Computations per 14 CFR § 21.303, Dwg No.: 491C1313521QSD, Rev.: IR, Dated: 09/03/14, or later FAA approved revisions.	General Electric	CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2B1F CF6-80C2B2F CF6-80C2B4F CF6-80C2B5F CF6-80C2B6F CF6-80C2B7F CF6-80C2B8F CF6-80C2B6FA
Aerodyn Seal, Upr Sidewall, LH, Thrust Reverser	491C1313522QAS-001	Middle River Aircraft Systems P/N: 491C1313522-001	Tests and Computations per 14 CFR § 21.303, Dwg No.: 491C1313522QSD-001/002, Rev.: IR, Dated: 09/10/14, or later FAA approved revisions.	General Electric	CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2B1F CF6-80C2B2F CF6-80C2B4F CF6-80C2B5F CF6-80C2B6F CF6-80C2B7F CF6-80C2B8F CF6-80C2B6FA
Aerodyn Seal, Upr Sidewall, RH, Thrust Reverser	491C1313522QAS-002	Middle River Aircraft Systems P/N: 491C1313522-002	Tests and Computations per 14 CFR § 21.303, Dwg No.: 491C1313522QSD-001/002, Rev.: IR, Dated: 09/10/14, or later FAA approved revisions.	General Electric	CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2B1F CF6-80C2B2F CF6-80C2B4F CF6-80C2B5F CF6-80C2B6F CF6-80C2B7F CF6-80C2B8F CF6-80C2B6FA

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Fireseal, Aft Block, Upr Sidewall, LH, Thrust Reverser	491C1313523QAS-003	Middle River Aircraft Systems P/N: 491C1313523-003	Tests and Computations per 14 CFR § 21.303, Dwg No.: 491C1313523QSD, Rev.: IR, Dated: 09/04/14, or later FAA approved revisions.	General Electric	CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2B1F CF6-80C2B2F CF6-80C2B4F CF6-80C2B5F CF6-80C2B6F CF6-80C2B7F CF6-80C2B8F CF6-80C2B6FA
Fireseal, Aft Block, Upr Sidewall, RH, Thrust Reverser	491C1313523QAS-004	Middle River Aircraft Systems P/N: 491C1313523-004	Tests and Computations per 14 CFR § 21.303, Dwg No.: 491C1313523QSD, Rev.: IR, Dated: 09/04/14, or later FAA approved revisions.	General Electric	CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2B1F CF6-80C2B2F CF6-80C2B4F CF6-80C2B5F CF6-80C2B6F CF6-80C2B7F CF6-80C2B8F CF6-80C2B6FA
Seal, Fixed Duct Assy, Left Hand, Thrust Reverser	740-0510QAS-515	Goodrich Aerostructures P/N: 740-0510-515	Tests and Computations per 14 CFR § 21.303, Dwg No.: 740-0510QSD, Rev.: IR, Dated: 09/05/14, or later FAA approved revisions.	International Aero Engines	V2500-A1 V2522-A5 V2524-A5 V2527-A5 V2527E-A5 V2527M-A5 V2530-A5 V2533-A5
Seal, Fixed Duct Assy, Right Hand, Thrust Reverser	740-0510QAS-516	Goodrich Aerostructures P/N: 740-0510-516	Tests and Computations per 14 CFR § 21.303, Dwg No.: 740-0510QSD, Rev.: IR, Dated: 09/05/14, or later FAA approved revisions.	International Aero Engines	V2500-A1 V2522-A5 V2524-A5 V2527-A5 V2527E-A5 V2527M-A5 V2530-A5 V2533-A5

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Hold Open Rod Assembly, Thrust Reverser	8015M12G03-501QAS	Middle River Aircraft Systems P/N: 8015M12G03	Tests and Computations per 14 CFR § 21.303, Dwg No.: QSD6001, Rev.: IR, Dated: 09/02/14, or later FAA approved revisions.	General Electric	CF6-6D CF6-6D1 CF6-6D1A CF6-6K CF6-6K2 CF6-50A CF6-50C CF6-50CA CF6-50C1 CF6-50C2 CF6-50C2B CF6-50C2D CF6-50E CF6-50E1 CF6-50E2 CF6-50E2B CF6-80A1 CF6-80A3

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Rod Assy., Inner Strut	8015M12G03-502QAS	Middle River Aircraft Systems P/N: 7065M14G02	Tests and Computations per 14 CFR § 21.303, Dwg No.: QSD6001, Rev.: IR, Dated: 09/02/14, or later FAA approved revisions.	General Electric	CF6-6D CF6-6D1 CF6-6D1A CF6-6K CF6-6K2 CF6-50A CF6-50C CF6-50CA CF6-50C1 CF6-50C2 CF6-50C2B CF6-50C2D CF6-50E CF6-50E1 CF6-50E2 CF6-50E2B CF6-80A1 CF6-80A3 CF6-80C2A1 CF6-80C2A2 CF6-80C2B1 CF6-80C2B4 CF6-80C2A3 CF6-80C2B2F CF6-80C2B2 CF6-80C2A5 CF6-80C2B6 CF6-80C2B4F CF6-80C2B1F CF6-80C2B6F CF6-80C2D1F CF6-80C2A5F

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Rod Assy., Outer Strut	8015M12G03-503QAS	Middle River Aircraft Systems P/N: 7065M34G02	Tests and Computations per 14 CFR § 21.303, Dwg No.: QSD6001, Rev.: IR, Dated: 09/02/14, or later FAA approved revisions.	General Electric	CF6-6D CF6-6D1 CF6-6D1A CF6-6K CF6-6K2 CF6-50A CF6-50C CF6-50CA CF6-50C1 CF6-50C2 CF6-50C2B CF6-50C2D CF6-50E CF6-50E1 CF6-50E2 CF6-50E2B CF6-80A1 CF6-80A3

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End Cap Assy.	8015M12G03-504QAS	Middle River Aircraft Systems P/N: 9077M96G02	Tests and Computations per 14 CFR § 21.303, Dwg No.: QSD6001, Rev.: IR, Dated: 09/02/14, or later FAA approved revisions.	General Electric	CF6-6D CF6-6D1 CF6-6D1A CF6-6K CF6-6K2 CF6-50A CF6-50C CF6-50CA CF6-50C1 CF6-50C2 CF6-50C2B CF6-50C2D CF6-50E CF6-50E1 CF6-50E2 CF6-50E2B CF6-80A1 CF6-80A3 CF6-80C2A1 CF6-80C2A2 CF6-80C2A3 CF6-80C2A5 CF6-80C2A8 CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2A5F CF6-80C2B1F CF6-80C2B2F CF6-80C2B4F CF6-80C2B5F CF6-80C2B6F CF6-80C2B6FA CF6-80C2B7F CF6-80C2B8F CF6-80C2D1F CF6-80E1A2 CF6-80E1A3 CF6-80E1A4

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Cable Assy.	8015M12G03-7QAS	Middle River Aircraft Systems P/N: 9077M99P02	Tests and Computations per 14 CFR § 21.303, Dwg No.: QSD6001, Rev.: IR, Dated: 09/02/14, or later FAA approved revisions.	General Electric	CF6-6D CF6-6D1 CF6-6D1A CF6-6K CF6-6K2 CF6-50A CF6-50C CF6-50CA CF6-50C1 CF6-50C2 CF6-50C2B CF6-50C2D CF6-50E CF6-50E1 CF6-50E2 CF6-50E2B CF6-80A1 CF6-80A3 CF6-80C2A1 CF6-80C2A2 CF6-80C2A3 CF6-80C2A5 CF6-80C2A8 CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2A5F CF6-80C2B1F CF6-80C2B2F CF6-80C2B4F CF6-80C2B5F CF6-80C2B6F CF6-80C2B6FA CF6-80C2B7F CF6-80C2B8F CF6-80C2D1F CF6-80E1A2 CF6-80E1A3 CF6-80E1A4

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Slider	8015M12G03-13QAS	Middle River Aircraft Systems P/N: 9077M86P01	Tests and Computations per 14 CFR § 21.303, Dwg No.: QSD6001, Rev.: IR, Dated: 09/02/14, or later FAA approved revisions.	General Electric	CF6-6D CF6-6D1 CF6-6D1A CF6-6K CF6-6K2 CF6-50A CF6-50C CF6-50CA CF6-50C1 CF6-50C2 CF6-50C2B CF6-50C2D CF6-50E CF6-50E1 CF6-50E2 CF6-50E2B CF6-80A1 CF6-80A3 CF6-80C2A1 CF6-80C2A2 CF6-80C2A3 CF6-80C2A5 CF6-80C2A8 CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2A5F CF6-80C2B1F CF6-80C2B2F CF6-80C2B4F CF6-80C2B5F CF6-80C2B6F CF6-80C2B6FA CF6-80C2B7F CF6-80C2B8F CF6-80C2D1F CF6-80E1A2 CF6-80E1A3 CF6-80E1A4

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Spring	8015M12G03-15QAS	Middle River Aircraft Systems P/N: 9077M85P01	Tests and Computations per 14 CFR § 21.303, Dwg No.: QSD6001, Rev.: IR, Dated: 09/02/14, or later FAA approved revisions.	General Electric	CF6-6D CF6-6D1 CF6-6D1A CF6-6K CF6-6K2 CF6-50A CF6-50C CF6-50CA CF6-50C1 CF6-50C2 CF6-50C2B CF6-50C2D CF6-50E CF6-50E1 CF6-50E2 CF6-50E2B CF6-80A1 CF6-80A3 CF6-80C2A1 CF6-80C2A2 CF6-80C2A3 CF6-80C2A5 CF6-80C2A8 CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2A5F CF6-80C2B1F CF6-80C2B2F CF6-80C2B4F CF6-80C2B5F CF6-80C2B6F CF6-80C2B6FA CF6-80C2B7F CF6-80C2B8F CF6-80C2D1F CF6-80E1A2 CF6-80E1A3 CF6-80E1A4

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Hook, Endcap	8015M12G03-17QAS	Middle River Aircraft Systems P/N: 7065M19P01	Tests and Computations per 14 CFR § 21.303, Dwg No.: QSD6001, Rev.: IR, Dated: 09/02/14, or later FAA approved revisions.	General Electric	CF6-6D CF6-6D1 CF6-6D1A CF6-6K CF6-6K2 CF6-50A CF6-50C CF6-50CA CF6-50C1 CF6-50C2 CF6-50C2B CF6-50C2D CF6-50E CF6-50E1 CF6-50E2 CF6-50E2B CF6-80A1 CF6-80A3 CF6-80C2A1 CF6-80C2A2 CF6-80C2A3 CF6-80C2A5 CF6-80C2A8 CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2A5F CF6-80C2B1F CF6-80C2B2F CF6-80C2B4F CF6-80C2B5F CF6-80C2B6F CF6-80C2B6FA CF6-80C2B7F CF6-80C2B8F CF6-80C2D1F CF6-80E1A2 CF6-80E1A3 CF6-80E1A4

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Bearing	8015M12G03-22QAS	Middle River Aircraft Systems P/N: 9077M81P02/03	Tests and Computations per 14 CFR § 21.303, Dwg No.: QSD6001, Rev.: IR, Dated: 09/02/14, or later FAA approved revisions.	General Electric	CF6-6D CF6-6D1 CF6-6D1A CF6-6K CF6-6K2 CF6-50A CF6-50C CF6-50CA CF6-50C1 CF6-50C2 CF6-50C2B CF6-50C2D CF6-50E CF6-50E1 CF6-50E2 CF6-50E2B CF6-80A1 CF6-80A3 CF6-80C2A1 CF6-80C2A2 CF6-80C2A3 CF6-80C2A5 CF6-80C2A8 CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2A5F CF6-80C2B1F CF6-80C2B2F CF6-80C2B4F CF6-80C2B5F CF6-80C2B6F CF6-80C2B6FA CF6-80C2B7F CF6-80C2B8F CF6-80C2D1F CF6-80E1A2 CF6-80E1A3 CF6-80E1A4

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Seal	315A1323-1QAS	Boeing P/N: 315A1323-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: 315A1323-1QSD, Rev.: IR, Dated: 09/05/14, or later FAA approved revisions.	Boeing	737-300 Series 737-400 Series 737-500 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