

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

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

PMA NO.:	PQ1715CE
SUPPLEMENT No.:	ODA-SD-072
DATE:	November 24, 2015

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Hinge Assy	65B97452-11QAS	Boeing P/N: 65B97452-11	Tests and Computations per 14 CFR § 21.303, Dwg No.: 65B97452QSD, Rev.: IR, Dated: 09/04/14, or later FAA approved revisions.	Boeing	747-200B Series 747-200C Series 747-200F Series
Hinge Assy	65B97452-12QAS	Boeing P/N: 65B97452-12	Tests and Computations per 14 CFR § 21.303, Dwg No.: 65B97452QSD, Rev.: IR, Dated: 09/04/14, or later FAA approved revisions.	Boeing	747-200B Series 747-200C Series 747-200F Series
Clip, Anti-Rotation Assembly, Left Hand	1749M97G01QAS	General Electric P/N: 1749M97G01	Tests and Computations per 14 CFR § 21.303, Dwg No.: 1749M97QSD, Rev.: IR, Dated: 09/03/14, or later FAA approved revisions.	General Electric	CF6-80C2A1 CF6-80C2A2 CF6-80C2A3 CF6-80C2A5 CF6-80C2A5F CF6-80C2A8 CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2B1F CF6-80C2B1F1 CF6-80C2B1F2 CF6-80C2B2F CF6-80C2B3F CF6-80C2B4F CF6-80C2B5F CF6-80C2B6F CF6-80C2B7F CF6-80C2B8F CF6-80C2D1F CF6-80E1A1 CF6-80E1A2 CF6-80E1A3 CF6-80E1A4

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Clip, Anti-Rotation Assembly, Right Hand	1749M97G02QAS	General Electric P/N: 1749M97G02	Tests and Computations per 14 CFR § 21.303, Dwg No.: 1749M97QSD, Rev.: IR, Dated: 09/03/14, or later FAA approved revisions.	General Electric	CF6-80C2A1 CF6-80C2A2 CF6-80C2A3 CF6-80C2A5 CF6-80C2A5F CF6-80C2A8 CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2B1F CF6-80C2B1F1 CF6-80C2B1F2 CF6-80C2B2F CF6-80C2B3F CF6-80C2B4F CF6-80C2B5F CF6-80C2B6F CF6-80C2B7F CF6-80C2B8F CF6-80C2D1F CF6-80E1A1 CF6-80E1A2 CF6-80E1A3 CF6-80E1A4

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Seal	9019M51P02QAS	General Electric P/N: 9019M51P02	Tests and Computations per 14 CFR § 21.303, Dwg No.: 9019M51QSD, Rev.: IR, Dated: 09/05/14, 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 CF6-80A CF6-80A1 CF6-80A2 CF6-80A3 CF6-45A CF6-45A2

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Seal - Spring	9035M81P01QAS	General Electric P/N: 9035M81P01	Tests and Computations per 14 CFR § 21.303, Dwg No.: 9035M81P01QSD, Rev.: IR, Dated: 09/05/14, 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 CF6-80A CF6-80A1 CF6-80A2 CF6-80A3 CF6-80C2A1 CF6-80C2A2 CF6-80C2A3 CF6-80C2A5 CF6-80C2A5F CF6-80C2A8 CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2B1F CF6-80C2B1F1 CF6-80C2B1F2 CF6-80C2B2F CF6-80C2B3F CF6-80C2B4F CF6-80C2B6F CF6-80C2B7F CF6-80C2D1F CF6-45A CF6-45A2

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Seal, Lower Pylon	9036M70P02QAS	General Electric P/N: 9036M70P02	Tests and Computations per 14 CFR § 21.303, Dwg No.: 9036M70P02QSD, Rev.: IR, Dated: 09/05/14, 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 CF6-45A CF6-45A2
Seal Lower Pylon	9036M71P02QAS	General Electric P/N: 9036M71P02	Tests and Computations per 14 CFR § 21.303, Dwg No.: 9036M71QSD, Rev.: IR, Dated: 09/05/14, 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 CF6-45A CF6-45A2

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Seal, Stationary Air Fwd	9189M99G03QAS	General Electric P/N: 9189M99G03	Tests and Computations per 14 CFR § 21.303, Dwg No.: 9189M99QSD, 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 CF6-45A CF6-45A2
Seal, Stationary Air Fwd	9189M99G04QAS	General Electric P/N: 9189M99G04	Tests and Computations per 14 CFR § 21.303, Dwg No.: 9189M99QSD, 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 CF6-45A CF6-45A2

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Shaft, Shoulder Output	3238417-1Q	General Electric P/N: 3238417-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DAV4000QSD, Rev.: IR, Dated: 09/04/14, or later FAA approved revisions.	General Electric	CF6-6D CF6-6D1 CF6-6D1A CF6-6K CF6-6K2 CF6-45A CF6-45A2 CF6-50A CF6-50C CF6-50CA CF6-50C1 CF6-50C2 CF6-50C2B CF6-50C2D CF6-50E CF6-50E1 CF6-50E2 CF6-50E2B CF6-80A CF6-80A1 CF6-80A2 CF6-80A3 CF6-80C2A1 CF6-80C2A2 CF6-80C2A3 CF6-80C2A5 CF6-80C2A5F CF6-80C2A8 CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2B1F CF6-80C2B1F1 CF6-80C2B1F2 CF6-80C2B2F CF6-80C2B3F CF6-80C2B4F CF6-80C2B6F CF6-80C2B7F CF6-80C2D1F

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Shaft, Shoulder Output	3238416-1Q	General Electric P/N: 3238416-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DAV4001QSD, Rev.: IR, Dated: 09/04/14, or later FAA approved revisions.	General Electric	CF6-6D CF6-6D1 CF6-6D1A CF6-6K CF6-6K2 CF6-45A CF6-45A2 CF6-50A CF6-50C CF6-50CA CF6-50C1 CF6-50C2 CF6-50C2B CF6-50C2D CF6-50E CF6-50E1 CF6-50E2 CF6-50E2B CF6-80A CF6-80A1 CF6-80A2 CF6-80A3 CF6-80C2A1 CF6-80C2A2 CF6-80C2A3 CF6-80C2A5 CF6-80C2A5F CF6-80C2A8 CF6-80C2B1 CF6-80C2B2 CF6-80C2B4 CF6-80C2B6 CF6-80C2B1F CF6-80C2B1F1 CF6-80C2B1F2 CF6-80C2B2F CF6-80C2B3F CF6-80C2B4F CF6-80C2B6F CF6-80C2B7F CF6-80C2D1F CF6-80E1A1 CF6-80E1A2 CF6-80E1A4

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Seal, Air	9151M67P01QAS	General Electric P/N: 9151M67P01	Tests and Computations per 14 CFR § 21.303, Dwg No.: 9151M67QSD, Rev.: IR, Dated: 09/04/14, 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 CF6-45A CF6-45A2

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

NOTE: Minor design changes (reference 14 CFR part 21 §§ 21.319 and 21.619) and major design changes (reference 14 CFR part 21 §§ 21.319 and 21.619) 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

NOVEMBER 24, 2015

 Date

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