

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

PMA NO.:	<u>PQ0816NE</u>
SUPPLEMENT No.:	<u>ODA-TK-010</u>
DATE:	<u>February 18, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Seal-HPC, 13STG	50S158DEC	Pratt & Whitney P/N: 50S158	Tests and Computations per 14 CFR § 21.303, Dwg No.: 50S158DEC, Rev.: B, Dated: 5/19/15, or later FAA approved revisions. <u>NOTE: AMOC Required</u>	Pratt & Whitney	PW4050 PW4050(-3) PW4052 PW4052(-3) PW4056 PW4056(-3) PW4060 PW4060(-3) PW4060A PW4060A(-3) PW4060C PW4062(-3) PW4062A(-3) PW4152 PW4152(-3) PW4156A PW4156A(-3) PW4158 PW4158(-3) PW4460 PW4460(-3) PW4462 PW4462(-3) PW4164 PW4168 PW4168A PW4170

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Seal-HPC, 14STG	50S159DEC	Pratt & Whitney P/N: 50S159	Tests and Computations per 14 CFR § 21.303, Dwg No.: 50S159DEC, Rev.: B, Dated: 5/19/15, or later FAA approved revisions. <u>NOTE:</u> AMOC Required	Pratt & Whitney	PW4050 PW4050(-3) PW4052 PW4052(-3) PW4056 PW4056(-3) PW4060 PW4060(-3) PW4060A PW4060A(-3) PW4060C PW4062(-3) PW4062A(-3) PW4152 PW4152(-3) PW4156A PW4156A(-3) PW4158 PW4158(-3) PW4460 PW4460(-3) PW4462 PW4462(-3) PW4164 PW4168 PW4168A PW4170

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Seal-HPC, 15STG	50S160DEC	Pratt & Whitney P/N: 50S160	Tests and Computations per 14 CFR § 21.303, Dwg No.: 50S160DEC, Rev.: B, Dated: 5/19/15, or later FAA approved revisions. <u>NOTE:</u> AMOC Required	Pratt & Whitney	PW4050 PW4050(-3) PW4052 PW4052(-3) PW4056 PW4056(-3) PW4060 PW4060(-3) PW4060A PW4060A(-3) PW4060C PW4062(-3) PW4062A(-3) PW4152 PW4152(-3) PW4156A PW4156A(-3) PW4158 PW4158(-3) PW4460 PW4460(-3) PW4462 PW4462(-3) PW4164 PW4168 PW4168A PW4170
Seal, Assy Precooler	91B065-01DEC	Rolls-Royce P/N: 91B065-01	Tests and Computations per 14 CFR § 21.303, Dwg No.: 91B065-01DEC, Rev.: D, Dated: 10/21/15, or later FAA approved revisions.	Rolls-Royce plc	RB211 Trent 768-60 RB211 Trent 772-60 RB211 Trent 772B-60

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Key – Compressor Stator Casing	9392M25P01DEC	General Electric P/N: 9392M25P01	Tests and Computations per 14 CFR § 21.303, Dwg No.: 9392M25P01DEC, Rev.: A, Dated: 5/24/12, 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 CF6-80C2B2F CF6-80C2B4F CF6-80C2B5F CF6-80C2B6F CF6-80C2B6FA CF6-80C2B7F CF6-80C2D1F CF6-80E1A2 CF6-80E1A3 CF6-80E1A4 CF6-80E1A4/B
Valve, Regulator	766313-2DEC	Hamilton Sundstrand P/N: 766313-2	Tests and Computations per 14 CFR § 21.303, Dwg No.: 766313-2DEC, Rev.: C, Dated: 11/26/12, or later FAA approved revisions.	Pratt & Whitney	PW2037 PW2037M PW2040 PW2240 PW2337
Sleeve	766313-10DEC	Hamilton Sundstrand P/N: 766313-10	Tests and Computations per 14 CFR § 21.303, Dwg No.: 766313-10DEC, Rev.: A, Dated: 10/4/12, or later FAA approved revisions.	Pratt & Whitney	PW2037 PW2037M PW2040 PW2240 PW2337

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Valve and Plug	RFN906DEC	Hamilton Sundstrand P/N: RFN906	Tests and Computations per 14 CFR § 21.303, Dwg No.: RFN906DEC, Rev.: B, Dated: 1/4/13, or later FAA approved revisions.	Pratt & Whitney	PW2037 PW2037M PW2040 PW2240 PW2337
Tube Assembly	DEC2A3125-01	International Aero Engines P/N: 2A3125-01	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC2A3125-01, Rev.: H, Dated: 5/5/11, or later FAA approved revisions.	International Aero Engines	V2500-A1 V2527-A5 V2530-A5 V2533-A5
Lock Ring	DEC09-072-501	Pratt & Whitney P/N: 519834	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC09-072, Rev.: B, Dated: 9/1/05, or later FAA approved revisions.	Pratt & Whitney	JT8D-1, -1A, -1B, -5, -7, -7A, -7B, -9, -9A, -11, -15, -15A, -17, -17A, -17R, -17AR, -209, -217, -217A, -217C, -219
Spacer	DEC29-039-501	CFM International P/N: 1476M57P02	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC29-039, Rev.: – , Dated: 10/11/04, or later FAA approved revisions.	CFM International	CFM56-5A CFM56-5B CFM56-5C CFM56-7B
Self-Locking Slabbed Head Bolt	DEC29-040-501	CFM International P/N: 1522M64P01	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC29-040, Rev.: A, Dated: 4/13/05, or later FAA approved revisions.	CFM International	CFM56-5C CFM56-7B

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Pin-Straight Threaded	DEC29-053-501	CFM International P/N: 1523M70P05	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC29-053, Rev.: A, Dated: 6/14/06, or later FAA approved revisions.	CFM International	CFM56-5B1, -5B2, -5B4, -5B5, -5B6, -5B1/2, -5B2/2, -5B4/2, -5B6/2, -5B1/2P, -5B2/2P, -5B3/2P, -5B4/2P, -5B6/2P, -5B1P, -5B2P, -5B3P, -5B4P, -5B5P, -5B6P CFM56-5C2, -5C2/4, -5C2/F, -5C2/F4, -5C2/G, -5C2/G4, -5C2/P, -5C3/F, -5C3/F4, -5C3/G, -5C3/G4, -5C3/P, -5C4, -5C4/P, -5C4/1, -5C4/1P CFM56-7B18, -7B20, -7B22, -7B24, -7B26, -7B26/B2, -7B27/B1, -7B20/2, -7B22/2, -7B24/2, -7B26/2, -7B27, -7B27/B3, -7B22/B2, -7B22/B1, -7B24/B1, -7B26/B1, -7B27/2
.312 Flexible Shaft Assembly	DEC39-018-505	CFM International P/N: 121762-3	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC39-018-505, Rev.: C, Dated: 3/22/12, or later FAA approved revisions.	CFM International	CFM56-2A CFM56-2B CFM56-2C CFM56-3 CFM56-5A CFM56-5B CFM56-5C

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Shaft Assembly Flexible	DEC39-166-503	CFM International P/N: 9041M47P01 Allied Signal P/N: 121282-2, -17	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC39-166, Rev.: D, Dated: 3/22/10, or later FAA approved revisions.	General Electric	CF6-6 Series CF6-50 Series CF6-45A2
Shaft Assembly Flexible	DEC39-166-515	CFM International P/N: 9280M82P01 Allied Signal P/N: 121282-8, -23	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC39-166, Rev.: D, Dated: 3/22/10, or later FAA approved revisions.	General Electric	CF6-80A Series
Shaft Assembly Flexible	DEC39-166-519	CFM International P/N: 9280M82P03 Allied Signal P/N: 121282-10, -25	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC39-166, Rev.: D, Dated: 3/22/10, or later FAA approved revisions.	General Electric	CF6-80A Series CF6-80C Series CF6-80E Series
Shaft Assembly Flexible	DEC39-166-521	CFM International P/N: 9280M82P04 Allied Signal P/N: 121282-11, -26	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC39-166, Rev.: D, Dated: 3/22/10, or later FAA approved revisions.	General Electric	CF6-80A Series CF6-80C Series CF6-80E Series
Shaft Assembly Flexible	DEC39-166-527	CFM International P/N: 9041M47P03 Allied Signal P/N: 121282-14, -29	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC39-166, Rev.: D, Dated: 3/22/10, or later FAA approved revisions.	General Electric	CF6-6 Series CF6-50 Series CF6-45A2

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DATE:	<u>February 18, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Shaft Assembly Flexible	DEC39-166-529	CFM International P/N: 9041M67P04	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC39-166, Rev.: D, Dated: 3/22/10, or later FAA approved revisions.	General Electric	CF6-50 Series CF6-45A2
		Allied Signal P/N: 121282-15, -30			

----- 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

FEBRUARY 18, 2016

 Date

This Supplement is an attachment to FAA-PMA approval letter dated March 28, 2001

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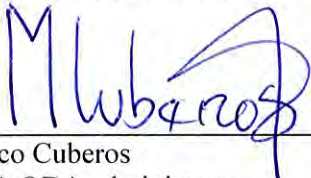
DEC Technologies, Inc.
A HEICO Aerospace Company
136 Industrial Park Road
Piney Flats, Tennessee 37686

PMA NO.: PQ1469CE
SUPPLEMENT No.: ODA-DT-028
DATE: January 30, 2015

<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>
Nut-Slflkg Clinch	50B814DEC	Pratt & Whitney P/N: 50B814	Tests and Computations per 14 CFR § 21.303, Dwg No.: 50B814DEC, Rev.: – , Dated: 11/14/14, or later FAA approved revisions.	Pratt & Whitney	PW4074 PW4077 PW4077D PW4084 PW4084D PW4090 PW4074D PW4090D PW4098

----- 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 June 23, 2006