

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

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

<b>PMA NO.:</b>	<u>PQ0816NE</u>
<b>SUPPLEMENT No.:</b>	<u>ODA-TK-007</u>
<b>DATE:</b>	<u>February 3, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Element Strainer	DEC1A8420	Pratt & Whitney P/N: 1A8420	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC1A8420, Rev.: F, Dated: 1/21/11, or later FAA approved revisions.	International Aero Engines           Pratt & Whitney	V2500-A1 V2522-A5 V2524-A5 V2525-D5 V2527-A5 V2527E-A5 V2528-D5 V2530-A5 V2533-A5  PW2037 PW2040
Pin	DEC2ASFPDPT06-18	Goodrich Aerostructures P/N: 2ASFPDPT06-18	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC2ASFPDPT06-18, Rev.: B, Dated: 12/8/11, or later FAA approved revisions.	Boeing	747-400 Series 767-300 Series MD-11
Gear – Spur	DEC39-250-501	Honeywell P/N: 3234714-3	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC39-250, Rev.: C, Dated: 6/19/07, or later FAA approved revisions.	General Electric	CF6-80C2A1 CF6-80C2A2 CF6-80C2A3 CF6-80C2A5 CF6-80C2A5F CF6-80C2A8 CF6-80C2B1 CF6-80C2B1F CF6-80C2B2 CF6-80C2B2F CF6-80C2B4 CF6-80C2B4F CF6-80C2B5F CF6-80C2B6 CF6-80C2B6F CF6-80C2B6FA CF6-80C2B7F CF6-80C2B8F CF6-80C2D1F



## PMA Supplements Index:

ARTICLE NUMBER	ARTICLE NAME	PMA SUPP.	DATE ISSUED
F78AE512720600DEC	SEAL-COWL, FINGER	<a href="#">ODA-DT-023</a>	OCT 28, 2014
F78AE513020400DEC		<a href="#">ODA-TK-007</a>	FEB 3, 2016

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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
Gear – Spur	DEC39-251-501	Honeywell P/N: 3234714-4	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC39-251, Rev.: C, Dated: 6/19/07, or later FAA approved revisions.	General Electric	CF6-80C2A1 CF6-80C2A2 CF6-80C2A3 CF6-80C2A5 CF6-80C2A5F CF6-80C2A8 CF6-80C2B1 CF6-80C2B1F CF6-80C2B2 CF6-80C2B2F CF6-80C2B4 CF6-80C2B4F CF6-80C2B5F CF6-80C2B6 CF6-80C2B6F CF6-80C2B6FA CF6-80C2B7F CF6-80C2B8F CF6-80C2D1F
Retract Stop	DEC39-253-501	Honeywell P/N: 3238329-51	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC39-253, Rev.: D, Dated: 11/21/05, or later FAA approved revisions.	General Electric	CF6-80C2A1 CF6-80C2A2 CF6-80C2A3 CF6-80C2A5 CF6-80C2A5F CF6-80C2A8 CF6-80C2B1 CF6-80C2B1F CF6-80C2B2 CF6-80C2B2F CF6-80C2B4 CF6-80C2B4F CF6-80C2B5F CF6-80C2B6 CF6-80C2B6F CF6-80C2B6FA CF6-80C2B7F CF6-80C2B8F CF6-80C2D1F

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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
Plug Assembly, Instrumentation	DEC53H205-01	Pratt & Whitney P/N: 53H205-01	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC53H205-01, Rev.: C, Dated: 6/8/11, or later FAA approved revisions.	Pratt & Whitney	PW4052 PW4056 PW4060 PW4062 PW4062A PW4152 PW4156A PW4158 PW4460 PW4462 PW4074 PW4077 PW4074D PW4077D PW4084D PW4090 PW4090D PW4090-3 PW4098
Seal-Face	DEC57T841	Pratt & Whitney P/N: 57T841	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC57T841, Rev.: A, Dated: 4/15/09, or later FAA approved revisions.	Pratt & Whitney	PW4074 PW4077 PW4074D PW4077D PW4084D PW4090 PW4090-3 PW4090D PW4098
.250 Core Assembly	DEC59-021-501	Boeing P/N: 315A1804-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC59-021, Rev.: B, Dated: 2/15/08, or later FAA approved revisions.	Boeing	737-300 Series 737-400 Series 737-500 Series
.250 Core Assembly	DEC59-021-507	Boeing P/N: 315A1804-4	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC59-021, Rev.: B, Dated: 2/15/08, or later FAA approved revisions.	Boeing	757-200 Series 757-300 Series

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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
.250 Core Assembly	DEC59-021-509	Boeing P/N: 315A1804-5	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC59-021, Rev.: B, Dated: 2/15/08, or later FAA approved revisions.	Boeing	757-200 Series 757-300 Series
Strap Assembly	DEC332W3130-1	Boeing P/N: 332W3130-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC332W3130-1, Rev.: B, Dated: 10/10/13, or later FAA approved revisions.	Boeing	777-200 Series 777-300 Series
Seal-C	DEC1110V0714	Honeywell P/N: 1110V0714	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC1110V0714, Rev.: C, Dated: 12/10/10, or later FAA approved revisions.	Pratt & Whitney	PW4074 PW4077 PW4074D PW4077D PW4084D PW4090 PW4090D PW4098 PW4164 PW4168 PW4168A
Seal-C	DEC1110V0715	Honeywell P/N: 1110V0715	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC1110V0715, Rev.: C, Dated: 12/10/10, or later FAA approved revisions.	Pratt & Whitney	PW4074 PW4077 PW4074D PW4077D PW4084D PW4090 PW4090D PW4098 PW4164 PW4168 PW4168A

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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, Triangular Backup	DEC755347-1	Hamilton Sundstrand P/N: 755347-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC755347-1, Rev.: B, Dated: 4/27/09, or later FAA approved revisions.	Pratt & Whitney	PW2037 PW2037M PW2037D PW2040 PW2040D PW2043 PW2143 PW2240 PW2337 PW2643  PW4152 PW4156 PW4156A PW4158 PW4164 PW4168 PW4168A PW4164C PW4164C/B PW4170 PW4168A-1D PW4168-1D PW4164C-1D PW4164C/B-1D  PW4050 PW4052 PW4056 PW4060 PW4060A PW4460 PW4462
Nozzle and Screen-Flapper	DEC766634-6	Hamilton Sundstrand P/N: 766634-6	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC766634-6, Rev.: E, Dated: 6/30/10, or later FAA approved revisions.	Pratt & Whitney	PW2037 PW2040

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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
Filter, Fuel Distribution Valve	DEC788277-1	Hamilton Sundstrand P/N: 788277-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC788277-1, Rev.: C, Dated: 6/29/09, or later FAA approved revisions.	Pratt & Whitney	PW4052 PW4056 PW4060 PW4074 PW4074D PW4077 PW4077D PW4084D PW4090 PW4152 PW4156 PW4158 PW4460 PW4462
				International Aero Engines	V2500-A1 V2522-A5 V2524-A5 V2525-D5 V2527-A5 V2527E-A5 V2528-D5 V2530-A5 V2533-A5
Insulator, Seal	DEC797630-1	Hamilton Sundstrand P/N: 797630-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC797630-1, Rev.: A, Dated: 7/14/08, or later FAA approved revisions.	Boeing	MD-90-30
				Airbus	A319 Model -131 A319 Model -132 A319 Model -133 A320 Model -231 A320 Model -232 A320 Model -233 A321 Model -131 A321 Model -231
				International Aero Engines	V2500-A1 V2522-A5 V2524-A5 V2527-A5 V2527E-A5 V2530-A5 V2533-A5 V2525-D5 V2528-D5

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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
Link Assembly	DECP40560	Goodrich Aerostructures P/N: P40560	Tests and Computations per 14 CFR § 21.303, Dwg No.: DECP40560, Rev.: A, Dated: 8/2/11, or later FAA approved revisions.	Airbus  Boeing  General Electric	A340-312 A340-313  717-200 MD-11 MD-90-30  CF6-80A1 CF6-80A3 CF6-80E1A2 CF6-80E1A3 CF6-80E1A4
Probe, Assy, Magnetic	DECVA3510-1	Eaton Aerospace P/N: VA3510-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DECVA3510-1, Rev.: B, Dated: 9/28/10, or later FAA approved revisions.	Rolls-Royce plc	RB211-22B-02 RB211-524B-02 RB211-524B-B-02 RB211-524B2-19 RB211-524B3-02 RB211-524B4-02 RB211-524B4-D-02 RB211-524B2-B-19 RB211-524C2-19 RB211-524C2-B-19 RB211-524D4-19 RB211-524D4-B-19 RB211-524D4X-19 RB211-524D4X-B-19 RB211-524D4-39 RB211-535C-37 RB211-535E4-37 RB211-535E4-B-37 RB211-535E4-B-75  RB211 Trent 768-60 RB211 Trent 772-60  RB211-Trent 875-17 RB211-Trent 877-17 RB211-Trent 884-17



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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 – Outer Cowl Finger	F78AE5121202DEC	SAFRAN Aircelle P/N: F78AE5121202	Tests and Computations per 14 CFR § 21.303, Dwg No.: F78AE5121202DEC, Rev.: C, Dated: 8/24/15, or later FAA approved revisions.	Rolls-Royce plc	RB211 Trent 553-61 RB211 Trent 553A2-61 RB211 Trent 556B-61 RB211 Trent 556A2-61 RB211 Trent 556-61 RB211 Trent 556B2-61 RB211 Trent 560-61 RB211 Trent 560A2-61
Seal-Cowl Finger	F78AE512720600D EC	Rolls Royce P/N: F78AE512720600	Tests and Computations per 14 CFR § 21.303, Dwg No.: F78AE512720600DEC, Rev.: A, Dated: 12/15/14, or later FAA approved revisions.	Rolls Royce	RB211 Trent 553-61 RB211 Trent 553A2-61 RB211 Trent 556B-61 RB211 Trent 556A2-61 RB211 Trent 556-61 RB211 Trent 556B2-61 RB211 Trent 560-61, RB211 Trent 560A2-61
Seal-Cowl Finger	F78AE513020400D EC	Rolls Royce P/N: F78AE513020400	Tests and Computations per 14 CFR § 21.303, Dwg No.: F78AE513020400DEC, Rev.: A, Dated: 12/17/14, or later FAA approved revisions.	Rolls Royce	RB211 Trent 553-61 RB211 Trent 553A2-61 RB211 Trent 556B-61 RB211 Trent 556A2-61 RB211 Trent 556-61 RB211 Trent 556B2-61 RB211 Trent 560-61, RB211 Trent 560A2-61

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**PMA NO.:** PQ0816NE  
**SUPPLEMENT No.:** ODA-TK-007  
**DATE:** February 3, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Probe	VB3505DEC	Eaton Aerospace P/N: VB3505	Tests and Computations per 14 CFR § 21.303, Dwg No.: VB3505DEC, Rev.: D, Dated: 10/4/11, or later FAA approved revisions.	Boeing  International Aero Engines  Rolls-Royce plc	747-400 series 757-200 Series 767-300 Series  V2500-A1 V2522-A5 V2524-A5 V2527-A5 V2527E-A5 V2527M-A5 V2530-A5 V2533-A5  RB211-22B-02 RB211-524G2-19 RB211-524G3-19 RB211-524H-36  RB211-535C-37 RB211-535E4-37 RB211-535E4-B-37 RB211-535E4-C-37

----- 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.

  
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 Marco Cuberos  
 PMA ODA administrator  
 HEICO Aerospace Corporation

FEBRUARY 3, 2016  
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 Date

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

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

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

<b>PMA NO.:</b>	<u>PQ1469CE</u>
<b>SUPPLEMENT No.:</b>	<u>ODA-DT-023</u>
<b>DATE:</b>	<u>October 28, 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 Strip	3A1819DEC	International Aero Engines P/N: 3A1819	Tests and Computations per 14 CFR § 21.303, Dwg No.: 3A1819DEC, Rev.: – , Dated: 10/23/14, or later FAA approved revisions.	International Aero Engines	V2500-A1 V2522-A5 V2524-A5 V2527-A5 V2527E-A5 V2527M-A5 V2530-A5 V2533-A5 V2525-D5 V2528-D5
Seal Strip	3A1821DEC	International Aero Engines P/N: 3A1821	Tests and Computations per 14 CFR § 21.303, Dwg No.: 3A1821DEC, Rev.: – , Dated: 10/23/14, or later FAA approved revisions.	International Aero Engines	V2500-A1 V2522-A5 V2524-A5 V2527-A5 V2527E-A5 V2527M-A5 V2530-A5 V2533-A5 V2525-D5 V2528-D5
Seal Strip	3A1822DEC	International Aero Engines P/N: 3A1822	Tests and Computations per 14 CFR § 21.303, Dwg No.: 3A1822DEC, Rev.: – , Dated: 10/23/14, or later FAA approved revisions.	International Aero Engines	V2500-A1 V2522-A5 V2524-A5 V2527-A5 V2527E-A5 V2527M-A5 V2530-A5 V2533-A5 V2525-D5 V2528-D5

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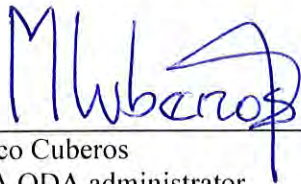
DEC Technologies, Inc.  
 A HEICO Aerospace Company  
 136 Industrial Park Road  
 Piney Flats, Tennessee 37686

**PMA NO.:** PQ1469CE  
**SUPPLEMENT No.:** ODA-DT-023  
**DATE:** October 28, 2014

<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>
Bolt-Slabbed Head	649-779-072-0DEC	CFM International P/N: 649-779-072-0	Tests and Computations per 14 CFR § 21.303, Dwg No.: 649-779-072-0DEC, Rev.: – , Dated: 10/23/14, or later FAA approved revisions.	CFM International	CFM56-5-A1/F CFM56-5A3 CFM56-5A4 CFM56-5A4/F CFM56-5A5 CFM56-5A5/F CFM56-5C2 CFM56-5C2/F CFM56-5C2/P CFM56-5C3/F CFM56-5C3/P CFM56-5C4/P CFM56-5C4/P
Seal-Cowl Finger	F78AE512720600DEC	Rolls Royce P/N: F78AE512720600	Tests and Computations per 14 CFR § 21.303, Dwg No.: F78AE512720600DEC, Rev.: – , Dated: 10/23/14, or later FAA approved revisions.	Rolls Royce	RB211 Trent 553-61 RB211 Trent 553A2-61 RB211 Trent 556B-61 RB211 Trent 556A2-61 RB211 Trent 556-61 RB211 Trent 556B2-61 RB211 Trent 560-61, RB211 Trent 560A2-61
Seal-Cowl Finger	F78AE513020400DEC	Rolls Royce P/N: F78AE513020400	Tests and Computations per 14 CFR § 21.303, Dwg No.: F78AE513020400DEC, Rev.: – , Dated: 10/23/14, or later FAA approved revisions.	Rolls Royce	RB211 Trent 553-61 RB211 Trent 553A2-61 RB211 Trent 556B-61 RB211 Trent 556A2-61 RB211 Trent 556-61 RB211 Trent 556B2-61 RB211 Trent 560-61, RB211 Trent 560A2-61

----- 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.



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 Marco Cuberos  
 PMA ODA administrator  
 HEICO Aerospace Corporation

This Supplement is an attachment to FAA-PMA approval letter dated June 23, 2006