



PMA Supplements Index:

ARTICLE NUMBER	ARTICLE NAME	PMA SUPP.	DATE ISSUED
491B1613043-001DEC	SHIM	ODA-DT-025	DEC 23, 2014
		ODA-TK-004	JAN 20, 2016

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

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

PMA NO.:	PQ0816NE
SUPPLEMENT No.:	ODA-TK-004
DATE:	January 20, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
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
Shim	491B1613043-001DEC	Boeing P/N: 491B1613043-001	Tests and Computations per 14 CFR § 21.303, Dwg No.: 491B1613043-001DEC, Rev.: B, Dated: 1/8/15, or later FAA approved revisions.	Boeing	747-400 Series 747-400D Series 747-400F Series 767-200 Series 767-300 Series MD-11F
Link Assy. – Drag	APL3180-01-0DEC	SAFRAN Aircelle P/N: APL3180-01-0	Tests and Computations per 14 CFR § 21.303, Dwg No.: APL3180-01-0DEC, Rev.: B, Dated: 3/25/14, or later FAA approved revisions.	Airbus	A340-541 A340-642
Seal Spring	DEC59-154-032	Boeing P/N: 314A1502-32	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC59-154, Rev.: B, Dated: 1/14/10, or later FAA approved revisions.	Boeing	737-300 Series 737-400 Series 737-500 Series
Seal Spring	DEC59-154-033	Boeing P/N: 314A1502-33	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC59-154, Rev.: B, Dated: 1/14/10, or later FAA approved revisions.	Boeing	737-300 Series 737-400 Series 737-500 Series

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SUPPLEMENT No.:	ODA-TK-004
DATE:	January 20, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Seal Spring	DEC59-154-054	Boeing P/N: 314A1502-54	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC59-154, Rev.: B, Dated: 1/14/10, or later FAA approved revisions.	Boeing	737-300 Series 737-400 Series 737-500 Series
Seal Spring	DEC59-154-062	Boeing P/N: 314A1502-62	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC59-154, Rev.: B, Dated: 1/14/10, or later FAA approved revisions.	Boeing	737-300 Series 737-400 Series 737-500 Series
Seal Spring	DEC59-154-063	Boeing P/N: 314A1502-63	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC59-154, Rev.: B, Dated: 1/14/10, or later FAA approved revisions.	Boeing	737-300 Series 737-400 Series 737-500 Series
Seal Spring	DEC59-154-064	Boeing P/N: 314A1502-64	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC59-154, Rev.: B, Dated: 1/14/10, or later FAA approved revisions.	Boeing	737-300 Series 737-400 Series 737-500 Series
Seal Spring	DEC59-154-065	Boeing P/N: 314A1502-65	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC59-154, Rev.: B, Dated: 1/14/10, or later FAA approved revisions.	Boeing	737-300 Series 737-400 Series 737-500 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
Seal, Triangular Backup	DEC69-109-501	Hamilton Sundstrand P/N: 755348-2	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC69-109, Rev.: A, Dated: 8/17/06, or later FAA approved revisions.	Boeing Pratt & Whitney	757-200 Series 757-200PF Series 757-200CB Series 757-300 Series PW2037 PW2037M PW2040
Plug	DEC92-010-101	Eaton Aerospace P/N: B4902-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC92-010, Rev.: D, Dated: 8/7/13, or later FAA approved revisions.	Pratt & Whitney	PW4050, PW4052, PW4052-3, PW4056, PW4056-3, PW4060, PW4060-3, PW4060A, PW4060A-3, PW4060C, PW4062, PW4062-3, PW4074, PW4074D, PW4077, PW4077D, PW4084, PW4084D, PW4090, PW4090-3, PW4090D, PW4098, PW4164, PW4168, PW4168A, PW4152, PW4152-3, PW4156, PW4156A, PW4156A-3, PW4158, PW4158-3, PW4460, PW4460-3, PW4462, PW4462-3

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PMA NO.:	PQ0816NE
SUPPLEMENT No.:	ODA-TK-004
DATE:	January 20, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Valve	DEC92-010-201	Eaton Aerospace P/N: B4902-2	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC92-010, Rev.: D, Dated: 8/7/13, or later FAA approved revisions.	Pratt & Whitney	PW4050, PW4052, PW4052-3, PW4056, PW4056-3, PW4060, PW4060-3, PW4060A, PW4060A-3, PW4060C, PW4062, PW4062-3, PW4074, PW4074D, PW4077, PW4077D, PW4084, PW4084D, PW4090, PW4090-3, PW4090D, PW4098, PW4164, PW4168, PW4168A, PW4152, PW4152-3, PW4156, PW4156A, PW4156A-3, PW4158, PW4158-3, PW4460, PW4460-3, PW4462, PW4462-3
Plug-Magnetic, Mach. Thd .500-20	DEC92-010-501	Eaton Aerospace P/N: B4902 Pratt & Whitney P/N: 50R501	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC92-010, Rev.: D, Dated: 8/7/13, or later FAA approved revisions.	Pratt & Whitney	PW4050, PW4052, PW4052-3, PW4056, PW4056-3, PW4060, PW4060-3, PW4060A, PW4060A-3, PW4060C, PW4062, PW4062-3, PW4074, PW4074D, PW4077, PW4077D, PW4084, PW4084D, PW4090, PW4090-3, PW4090D, PW4098, PW4164, PW4168, PW4168A, PW4152, PW4152-3, PW4156, PW4156A, PW4156A-3, PW4158, PW4158-3, PW4460, PW4460-3, PW4462, PW4462-3

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DATE:	January 20, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Bolt, Center	DEC540-0049-1	Honeywell P/N: 540-0049-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC540-0049-1, Rev.: A, Dated: 5/7/07, or later FAA approved revisions.	Pratt & Whitney	PW4074, PW4074D, PW4077, PW4077D, PW4084, PW4084D, PW4090, PW4090-3, PW4090D, PW4098
Nut, Self-Locking, Dbl Hex, Silver Plated	DEC540-0794-1	Honeywell P/N: 540-0794-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC540-0794-1, Rev.: A, Dated: 12/12/08, or later FAA approved revisions.	Pratt & Whitney	PW4074, PW4074D, PW4077, PW4077D, PW4084D, PW4090, PW4090D, PW4098, PW4164, PW4168, PW4168A
C-Seal	DEC540-1622-1	Honeywell P/N: 540-1622-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC540-1622-1, Rev.: D, Dated: 2/25/09, or later FAA approved revisions.	Pratt & Whitney	PW4050, PW4052, PW4056, PW4060, PW4060A, PW4060C, PW4077, PW4090, PW4090-3, PW4152, PW4156, PW4156A, PW4158, PW4164, PW4168, PW4460, PW4462 PW4074, PW4074D, PW4077D, PW4084D, PW4090D, PW4098
C-Seal	DEC540-1623-1	Honeywell P/N: 540-1623-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC540-1623-1, Rev.: D, Dated: 2/25/09, or later FAA approved revisions.	Pratt & Whitney	PW4050, PW4052, PW4056, PW4060, PW4060A, PW4060C, PW4077, PW4090, PW4090-3, PW4152, PW4156, PW4156A, PW4158, PW4164, PW4168, PW4460, PW4462 PW4074, PW4074D, PW4077D, PW4084D, PW4090D, PW4098

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

Turbine Kinetics, Inc.
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PMA NO.:	PQ0816NE
SUPPLEMENT No.:	ODA-TK-004
DATE:	January 20, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Poppet	DEC540-1624-1	Honeywell P/N: 540-1624-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC540-1624-1, Rev.: D, Dated: 11/5/09, or later FAA approved revisions.	Pratt & Whitney	PW4050, PW4052, PW4056, PW4060, PW4060A, PW4060C, PW4077, PW4090, PW4090-3, PW4152, PW4156, PW4156A, PW4158, PW4164, PW4168, PW4460, PW4462 PW4074, PW4074D, PW4077D, PW4084D, PW4090D, PW4098
Hinge	DEC745-0041-501	Goodrich Aerostructures P/N: 745-0041-501	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC745-0041-501, Rev.: C, Dated: 11/21/11, or later FAA approved revisions.	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 A321 Model -232
Hinge	DEC745-0041-502	Goodrich Aerostructures P/N: 745-0041-502	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC745-0041-502, Rev.: C, Dated: 11/21/11, or later FAA approved revisions.	Airbus	A319 Model -131 A319 Model -132 A319 Model -133 A320 Model -232 A320 Model -233 A321 Model -131 A321 Model -231 A321 Model -232

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PMA NO.:	<u>PQ0816NE</u>
SUPPLEMENT No.:	<u>ODA-TK-004</u>
DATE:	<u>January 20, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Spring, Clutch	DEC728832-9	Hamilton Sundstrand P/N: 728832-9	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC728832, Rev.: B, Dated: 10/28/08, or later FAA approved revisions.	Airbus Boeing	A330-223 A330-321 A330-322 A330-323 747-100 Series 747-100B Series 747-100B SUD Series 747-200B Series 747-200C Series 747-200F Series 747-300 Series 747-400 Series 747-400F Series 767-200 Series 767-300 Series 767-300F Series 777-200 Series 777-300 Series MD-11 Lockheed L-1011-385-1-14 L-1011-385-1-15 L-1011-385-3 Boeing DC-10-40

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

Turbine Kinetics, Inc.
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PMA NO.:	PQ0816NE
SUPPLEMENT No.:	ODA-TK-004
DATE:	January 20, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Spring, Clutch	DEC728832-10	Hamilton Sundstrand P/N: 728832-10	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC728832, Rev.: B, Dated: 10/28/08, or later FAA approved revisions.	Airbus Boeing	A330-223 A330-321 A330-322 A330-323 747-100 Series 747-100B Series 747-100B SUD Series 747-200B Series 747-200C Series 747-200F Series 747-300 Series 747-400 Series 747-400F Series 767-200 Series 767-300 Series 767-300F Series 777-200 Series 777-300 Series MD-11 Lockheed L-1011-385-1-14 L-1011-385-1-15 L-1011-385-3 Boeing DC-10-40

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

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

PMA NO.:	PQ0816NE
SUPPLEMENT No.:	ODA-TK-004
DATE:	January 20, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Spring, Clutch	DEC728832-11	Hamilton Sundstrand P/N: 728832-11	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC728832, Rev.: B, Dated: 10/28/08, or later FAA approved revisions.	Airbus Boeing	A330-223 A330-321 A330-322 A330-323 747-100 Series 747-100B Series 747-100B SUD Series 747-200B Series 747-200C Series 747-200F Series 747-300 Series 747-400 Series 747-400F Series 767-200 Series 767-300 Series 767-300F Series 777-200 Series 777-300 Series MD-11 Lockheed L-1011-385-1-14 L-1011-385-1-15 L-1011-385-3 Boeing DC-10-40

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

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

PMA NO.: PQ0816NE
SUPPLEMENT No.: ODA-TK-004
DATE: January 20, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
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

----- 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

JANUARY 20, 2016

 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

PMA NO.: PQ1469CE
SUPPLEMENT No.: ODA-DT-025
DATE: December 23, 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>
Shim	491B1613043-001DEC	Boeing P/N: 491B1613043-001	Tests and Computations per 14 CFR § 21.303, Dwg No.: 491B1613043-001DEC, Rev.: A, Dated: 12/10/14, or later FAA approved revisions.	Boeing	747-400 Series 747-400D Series 747-400F Series 767-200 Series 767-300 Series MD-11F

----- 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