

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-020
DATE: March 3, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Shaft	DEC2293-13	Liebherr P/N: 2293-13	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC2293-13, Rev.: C, Dated: 2/26/14, or later FAA approved revisions.	Airbus	A318 Model -112 A318 Model -121 A319 Model -131 A319 Model -132 A319 Model -133 A320 Model -233 A321 Model -131 A321 Model -231 A321 Model -213 A321 Model -232

----- 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

MARCH 3, 2016

 Date

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

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-003</u>
DATE:	<u>January 18, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Diaphragm, S/A	341-0200DEC	Liebherr P/N: 341-0200	Tests and Computations per 14 CFR § 21.303, Dwg No.: 341-0200DEC, Rev.: C, Dated: 7/7/14, or later FAA approved revisions.	Airbus	A319 Model -112 A319 Model -131 A319 Model -132 A319 Model -133 A320 Model -211 A320 Model -212 A320 Model -214 A320 Model -231 A320 Model -232 A320 Model -233 A321 Model -111 A321 Model -112 A321 Model -131 A321 Model -211 A321 Model -231

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
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PMA NO.:	<u>PQ0816NE</u>
SUPPLEMENT No.:	<u>ODA-TK-003</u>
DATE:	<u>January 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-Face	651-040-8032DEC	Honeywell P/N: 651-040-8032	Tests and Computations per 14 CFR § 21.303, Dwg No.: 651-040-8032DEC, Rev.: B, Dated: 9/24/12, or later FAA approved revisions.	Airbus	A318 Model -111 A318 Model -112 A318 Model -121 A318 Model -122 A319 Model -111 A319 Model -112 A319 Model -113 A319 Model -114 A319 Model -115 A319 Model -131 A319 Model -132 A319 Model -133 A320 Model -111 A320 Model -211 A320 Model -212 A320 Model -214 A320 Model -231 A320 Model -232 A320 Model -233 A321 Model -111 A321 Model -112 A321 Model -131 A321 Model -211 A321 Model -231 A321 Model -212 A321 Model -213 A321 Model -232

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Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
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PMA NO.:	<u>PQ0816NE</u>
SUPPLEMENT No.:	<u>ODA-TK-003</u>
DATE:	<u>January 18, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Diaphragm	872A0300-01DEC	Liebherr P/N: 872A0300-01	Tests and Computations per 14 CFR § 21.303, Dwg No.: 872A0300-01DEC, Rev.: B, Dated: 7/5/13, or later FAA approved revisions.	Airbus	A319 Model -111 A319 Model -112 A319 Model -113 A319 Model -114 A319 Model -131 A320 Model -111 A320 Model -211 A320 Model -212 A320 Model -214 A320 Model -231 A320 Model -232 A320 Model -233 A321 Model -111 A321 Model -112 A321 Model -131 A321 Model -211 A321 Model -231
Ring, Sealing, Split	6713-17ADEC	Liebherr P/N: 6713-17A	Tests and Computations per 14 CFR § 21.303, Dwg No.: 6713-17ADEC, Rev.: B, Dated: 1/24/13, or later FAA approved revisions.	Bombardier	CL-600-2C10 (Regional Jet Series 700, 701, & 702) CL-600-2D15 (Regional Jet Series 705) CL-600-2D24 (Regional Jet Series 900)

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SUPPLEMENT No.:	<u>ODA-TK-003</u>
DATE:	<u>January 18, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Ring, Sealing, Split	6713-17ADEC	Liebherr P/N: 6713-17A	Tests and Computations per 14 CFR § 21.303, Dwg No.: 6713-17ADEC, Rev.: B, Dated: 1/24/13, or later FAA approved revisions.	Airbus	A319 Model -111 A319 Model -112 A319 Model -113 A319 Model -114 A319 Model -115 A319 Model -131 A319 Model -132 A319 Model -133 A320 Model -111 A320 Model -211 A320 Model -212 A320 Model -214 A320 Model -231 A320 Model -232 A320 Model -233 A321 Model -111 A321 Model -112 A321 Model -131 A321 Model -211 A321 Model -231 A318 Model -111 A318 Model -112 A318 Model -121 A321 Model -212 A321 Model -213 A321 Model -232 A340-211 A340-212 A340-213 A340-311 A340-312 A340-313 A340-541 A340-642

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PMA NO.:	<u>PQ0816NE</u>
SUPPLEMENT No.:	<u>ODA-TK-003</u>
DATE:	<u>January 18, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Valve, Drain	600478DEC	Adams Rite Aerospace P/N: 600478	Tests and Computations per 14 CFR § 21.303, Dwg No.: 600478DEC, Rev.: A, Dated: 6/1/12, or later FAA approved revisions.	Boeing	DC-9-81 DC-9-82 DC-9-83 DC-9-31 DC-9-32 DC-9-32F DC-9-33F DC-9-34 DC-9-34F DC-9-41 DC-9-51 MD-90-30 777-200 Series 757-200 Series MD-88
O-Ring	10002-119DEC	Adams Rite Aerospace P/N: 10002-119	Tests and Computations per 14 CFR § 21.303, Dwg No.: 10002-119DEC, Rev.: A, Dated: 6/1/12, or later FAA approved revisions.	Boeing	DC-9-81 DC-9-82 DC-9-83 DC-9-31 DC-9-32 DC-9-32F DC-9-33F DC-9-34 DC-9-34F DC-9-41 DC-9-51 MD-90-30 777-200 Series 757-200 Series MD-88

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PMA NO.:	<u>PQ0816NE</u>
SUPPLEMENT No.:	<u>ODA-TK-003</u>
DATE:	<u>January 18, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Separator Assy-Water	840751DEC	AOA Luftfahrtgeräte Gauting P/N: 840751	Tests and Computations per 14 CFR § 21.303, Dwg No.: 840751DEC, Rev.: G, Dated: 10/1/14, or later FAA approved revisions.	Airbus	A330-202
					A340-211
					A340-212
					A340-213
					A340-311
					A340-312
					A340-313
					A340-541
					A340-642
					A330-201
					A330-203
					A330-223
					A330-243
					A330-223F
					A330-243F
A330-301					
A330-302					
A330-303					
A330-321					
A330-322					
A330-323					
A330-341					
A330-342					
A330-343					

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SUPPLEMENT No.:	<u>ODA-TK-003</u>
DATE:	<u>January 18, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Holder-Transducer	4133801060DEC	Messier-Bugatti P/N: 4133801060	Tests and Computations per 14 CFR § 21.303, Dwg No.: 4133801060DEC, Rev.: A, Dated: 9/27/12, or later FAA approved revisions.	Airbus	A300, Model B4-605R A300, Model B4-622R A310, Model 203 A310, Model 222 A319 Model -111 A319 Model -113 A319 Model -131 A319 Model -133 A320 Model -111 A320 Model -211 A320 Model -212 A320 Model -214 A320 Model -231 A321 Model -111 A321 Model -112 A321 Model -211 A318 Model -111 A321 Model -212
				Boeing	MD-11F

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PMA NO.:	<u>PQ0816NE</u>
SUPPLEMENT No.:	<u>ODA-TK-003</u>
DATE:	<u>January 18, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Holder	4133811060DEC	Messier-Bugatti P/N: 4133811060	Tests and Computations per 14 CFR § 21.303, Dwg No.: 4133811060DEC, Rev.: IR, Dated: 9/27/12, or later FAA approved revisions.	Airbus	A300, Model B4-605R A300, Model B4-622R A310, Model 203 A310, Model 222 A319 Model -111 A319 Model -113 A319 Model -131 A319 Model -133 A320 Model -111 A320 Model -211 A320 Model -212 A320 Model -214 A320 Model -231 A321 Model -111 A321 Model -112 A321 Model -211 A318 Model -111 A321 Model -212
				Boeing	MD-11F

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PMA NO.:	<u>PQ0816NE</u>
SUPPLEMENT No.:	<u>ODA-TK-003</u>
DATE:	<u>January 18, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Filter Assembly	4133801200DEC	Messier-Bugatti P/N: 4133801200	Tests and Computations per 14 CFR § 21.303, Dwg No.: 4133801200DEC, Rev.: IR, Dated: 3/29/12, or later FAA approved revisions.	Airbus	A300, Model B4-605R A300, Model B4-622R A310, Model 203 A310, Model 222 A319 Model -111 A319 Model -113 A319 Model -131 A319 Model -133 A320 Model -111 A320 Model -211 A320 Model -212 A320 Model -214 A320 Model -231 A321 Model -111 A321 Model -112 A321 Model -211 A318 Model -111 A321 Model -212
				Boeing	MD-11F

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

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Plug, Seal	4133811350DEC	Airbus P/N: 4133811350	Tests and Computations per 14 CFR § 21.303, Dwg No.: 4133811350DEC, Rev.: B, Dated: 3/9/12, or later FAA approved revisions.	Airbus	A300, Model B4-605R A300, Model B4-622R A310, Model 203 A310, Model 222 A330-223 A330-243 A330-321 A330-322 A330-323 A340-211 A340-212 A340-213 A340-311 A340-312 A340-313 A318 Model -111 A319 Model -111 A319 Model -113 A319 Model -131 A319 Model -133 A320 Model -111 A320 Model -211 A320 Model -212 A320 Model -214 A320 Model -231 A321 Model -111 A321 Model -112 A321 Model -211 A321 Model -212

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PMA NO.:	<u>PQ0816NE</u>
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DATE:	<u>January 18, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Bushing	D2901009820200DEC	Airbus P/N: D2901009820200	Tests and Computations per 14 CFR § 21.303, Dwg No.: D2901009820200DEC, Rev.: A, Dated: 8/14/12, or later FAA approved revisions.	Airbus	A319 Model -112 A319 Model -113 A319 Model -114 A320 Model -111 A320 Model -211 A320 Model -212 A320 Model -214 A320 Model -231 A320 Model -232 A321 Model -111 A321 Model -112 A321 Model -131 A321 Model -211 A321 Model -231 A318 Model -111 A318 Model -112 A318 Model -121 A318 Model -122 A319 Model -111 A319 Model -115 A319 Model -131 A319 Model -132 A319 Model -133 A320 Model -233 A321 Model -212 A321 Model -213 A321 Model -232

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A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

PMA NO.:	<u>PQ0816NE</u>
SUPPLEMENT No.:	<u>ODA-TK-003</u>
DATE:	<u>January 18, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Pilot Valve Assembly	DEC80E54-1	Honeywell P/N: 80E54-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC80E54-1, Rev.: – , Dated: 3/12/09, or later FAA approved revisions.	Airbus	A319 Model -112 A319 Model -114 A319 Model -131 A319 Model -132 A320 Model -211 A320 Model -212 A320 Model -214 A320 Model -232 A320 Model -233 A321 Model -111 A321 Model -112 A321 Model -131 A321 Model -211 A321 Model -231 A330-202 A330-301 A330-302 A340-211, A340-212, A340-213, A340-311, A340-312, A340-313 A318 Model -112 A318 Model -121 A319 Model -111 A319 Model -115 A319 Model -133 A320 Model -231 A321 Model -232 A330-203 A330-223 A330-243 A330-322 A330-343 A340-642

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

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 A HEICO Aerospace Company
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PMA NO.:	<u>PQ0816NE</u>
SUPPLEMENT No.:	<u>ODA-TK-003</u>
DATE:	<u>January 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	DEC2293-13	Liebherr P/N: 2293-13	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC2293-13, Rev.: C, Dated: 2/26/14, or later FAA approved revisions.	Airbus	A319 Model -111 A319 Model -112 A319 Model -113 A319 Model -114 A319 Model -115 A320 Model -111 A320 Model -211 A320 Model -212 A320 Model -214 A320 Model -232 A321 Model -111 A321 Model -112 A321 Model -211 A340-211 A340-312 A340-313 A318 Model -111 A321 Model -212 A340-212 A340-311

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PMA NO.:	<u>PQ0816NE</u>
SUPPLEMENT No.:	<u>ODA-TK-003</u>
DATE:	<u>January 18, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Compensator, Bushing & Valves	DEC569546	Eaton-Vickers P/N: 569546	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC569546, Rev.: B, Dated: 3/24/10, or later FAA approved revisions.	Boeing	747-200B Series 747-400 Series 757-200 Series 757-200PF Series 767-200 Series 767-300 Series MD-11F
				Airbus	A319 Model -111 A319 Model -112 A319 Model -113 A319 Model -114 A319 Model -115 A319 Model -131 A319 Model -132 A319 Model -133 A320 Model -111 A320 Model -211 A320 Model -212 A320 Model -214 A320 Model -231 A320 Model -232 A320 Model -233 A321 Model -111 A321 Model -112 A321 Model -131 A321 Model -211 A321 Model -231
				Boeing	747-400F Series 757-300 Series
				Airbus	A318 Model -121 A318 Model -122

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-003
DATE: January 18, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Filter, Air	DEC808492-1	Hamilton Sundstrand P/N: 808492-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC808492-1, Rev.: E, Dated: 3/22/11, or later FAA approved revisions.	Boeing	747-400 Series 767-200 Series 767-300 Series

----- 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 18, 2016

Date

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

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

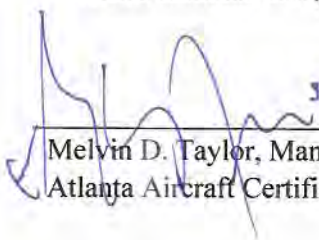
PMA NO.: PQ1469CE
 SUPPLEMENT No.: 250
 DATE: October 31, 2011

<u>Article Name</u>	<u>Part Number</u>	<u>Approved Replacement for Part Number</u>	<u>FAA Approval Basis and Approved Design Data</u>	<u>Make Eligibility</u>	<u>Model Eligibility</u>
Ring, Seal	765408-2DEC	765408-2	Tests and Computations per 14 CFR § 21.303, Dwg. No.: 765408-2DEC Rev.: none Date: January 3, 2011 or later FAA-approved revisions	Saab	340A (SAAB/SF340A) 340B
Clevis-HPC, Inlet	1B7248DEC	1B7248	Tests and Computations per 14 CFR § 21.303, Dwg. No.: 1B7248DEC Rev.: A Date: April 27, 2011 or later FAA-approved revisions	Pratt & Whitney	PW2037 PW2040
Shaft	DEC2293-13	2293-13	Tests and Computations per 14 CFR § 21.303, Dwg. No.: DEC2293-13 Rev.: A Date: February 9, 2011 or later FAA-approved revisions	Airbus	A319-111, A319-112, A319-113, A319-114, A319-115 A320-111, A320-211, A320-212, A320-214, A320-232 A321-111, A321-112, A321-211 A340-211, A340-312, A340-313

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

NOTES:

- 1) Provide minor design changes in a manner as determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.
- 2) The FAA approved the ICA for the above articles with their designs. If the TC holder's Instructions for Continued Airworthiness (ICA) applies to these replacement articles, provide a statement noting such. If not, provide supplementary ICA per 14 CFR § 21.50. Make referral statements or supplemental ICA readily available per 14 CFR § 21.50.



 Melvin D. Taylor, Manager,
 Atlanta Aircraft Certification Office



 Greg Benson, Manager,
 Atlanta Manufacturing Inspection District Office

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

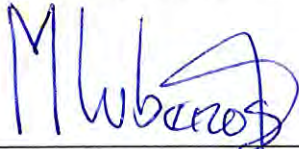
DEC Technologies, Inc.
 A HEICO Aerospace Company
 136 Industrial Park Road
 Piney Flats, Tennessee 37686

PMA NO.: PQ1469CE
SUPPLEMENT No.: ODA-DT-037
DATE: May 21, 2015

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Shaft	DEC2293-13	Liebherr P/N: 2293-13	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC2293-13, Rev.: C, Dated: 2/26/14, or later FAA approved revisions.	Airbus	A318 Model -111 A321 Model -212 A340-212 A340-311

----- 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

 MAY 21, 2015
 Date

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