



PMA Supplements Index:

ARTICLE NUMBER	ARTICLE NAME	PMA SUPP.	DATE ISSUED
DEC69-024-505	FILTER, AIR	TK217	OCT 30, 2009
		TK228	APRIL 28, 2010
		TK235	DEC 7, 2010
		ODA-TK-005	JAN 28, 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-005
DATE:	January 28, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Spring	2710192-1DEC	Honeywell P/N: 2710192-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: 2710192-1DEC, Rev.: D, Dated: 1/16/15, 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 A321 Model -212 A321 Model -213 A321 Model -232
Holder-Sensor, TPIS	4305901210DEC	Messier-Bugatti P/N: 4305901210	Tests and Computations per 14 CFR § 21.303, Dwg No.: 4305901210DEC, Rev.: – , Dated: 9/27/12, or later FAA approved revisions.	Airbus	A330-203 A330-223 A330-243 A330-321 A330-322 A330-323 A340-211 A340-311 A340-312 A340-313

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SUPPLEMENT No.:	<u>ODA-TK-005</u>
DATE:	<u>January 28, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Holder	4305910710DEC	Messier-Bugatti P/N: 4305910710	Tests and Computations per 14 CFR § 21.303, Dwg No.: 4305910710DEC, Rev.: C, Dated: 5/31/13, or later FAA approved revisions.	Airbus	A330-203 A330-223 A330-243 A330-321 A330-322 A330-323 A340-211 A340-311 A340-312 A340-313
Pad (White)	ABN7321-27DEC	Boeing P/N: ABN7321-27	Tests and Computations per 14 CFR § 21.303, Dwg No.: ABN7321-27DEC, Rev.: – , Dated: 7/22/14, or later FAA approved revisions.	Boeing	DC-10-30F (KC-10A, KDC-10) MD-11 MD-11F
Bracket Assy	ABN7321-63DEC	Boeing P/N: ABN7321-63	Tests and Computations per 14 CFR § 21.303, Dwg No.: ABN7321-63DEC, Rev.: A, Dated: 4/8/15, or later FAA approved revisions.	Boeing	DC-10-30F (KC-10A, KDC-10) MD-11 MD-11F
Bracket	ABN7321-65DEC	Boeing P/N: ABN7321-65	Tests and Computations per 14 CFR § 21.303, Dwg No.: ABN7321-65DEC, Rev.: B, Dated: 3/27/15, or later FAA approved revisions.	Boeing	DC-10-30F (KC-10A, KDC-10) MD-11 MD-11F

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PMA NO.:	<u>PQ0816NE</u>
SUPPLEMENT No.:	<u>ODA-TK-005</u>
DATE:	<u>January 28, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Cushion (White)	ABN7321-71DEC	Boeing P/N: ABN7321-71	Tests and Computations per 14 CFR § 21.303, Dwg No.: ABN7321-71DEC, Rev.: – , Dated: 7/22/14, or later FAA approved revisions.	Boeing	DC-10-30F (KC-10A, KDC-10) MD-11 MD-11F
Actuator, Switch	DEC38-027-501	Grimes Aerospace P/N: 46-0450-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC38-027, Rev.: A, Dated: 2/04/05, or later FAA approved revisions.	Boeing	DC-9-14 DC-9-15 DC-9-15F DC-9-21 DC-9-31 DC-9-32 DC-9-32F DC-9-33F DC-9-34 DC-9-34F DC-9-41 DC-9-51 DC-9-81 (MD-81) DC-9-82 (MD-82) DC-9-83 (MD-83) DC-9-87 (MD-87) MD-88 MD-90-30 717-200

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

Turbine Kinetics, Inc.
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PMA NO.:	<u>PQ0816NE</u>
SUPPLEMENT No.:	<u>ODA-TK-005</u>
DATE:	<u>January 28, 2016</u>

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Seal Assembly	DEC46-007-501	Whittaker Controls P/N: 126372	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC46-007, Rev.: B, Dated: 6/29/09, or later FAA approved revisions.	Pratt & Whitney Boeing Airbus	JT8D-1, -1A, -1B, -7, -7A, -7B, -9, -9A, -15, -15A, -17A, -17AR, -209, -217, -217A, -217C, -219 727, 737 DC-9, MD-80 A318 Model -111 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 -231 737-300 Series 737-400 Series 737-500 Series Saab AB 340A (SAAB/SF340A) SAAB 340B

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PMA NO.: PQ0816NE
SUPPLEMENT No.: ODA-TK-005
DATE: January 28, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Filter, Air	DEC69-024-505	Hamilton Sundstrand P/N: 727604-5	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC69-024, Rev.: E, Dated: 4/29/15, or later FAA approved revisions.	Embraer	EMB-135ER EMB-135LR EMB-135KL EMB-145ER EMB-145LR ERJ 170-100 STD ERJ 190-100 STD ERJ 190-100 LR ERJ 190-100 IGW ERJ 190-100 ECJ Bombardier DHC-8-400 Series
Clamp Block	DEC332W3120-1	Boeing P/N: 332W3120-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: DEC332W3120-1, Rev.: D, Dated: 9/18/09, or later FAA approved revisions.	Boeing	777-200 Series 777-300 Series

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

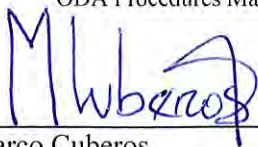
Turbine Kinetics, Inc.
 A HEICO Aerospace Company
 60 Sequin Drive
 Glastonbury, CT 06033

PMA NO.: PQ0816NE
SUPPLEMENT No.: ODA-TK-005
DATE: January 28, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Valve, Non-Return	L96H15-501DEC	Intertechnique P/N: L96H15-501	Tests and Computations per 14 CFR § 21.303, Dwg No.: L96H15-501DEC, Rev.: C, Dated: 8/8/14, 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

----- 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 28, 2016

 Date

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

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. 217
 DATE: October 30, 2009

Part Name	Part Number	Approved Replacement For Part Number	Approved Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring, Piston	DEC5833402-101	5833402-101	Test and Computation per 14 CFR § 21.303, Dwg: DEC5833402-101 <u>Rev.:</u> Rev D <u>Date:</u> May 26, 2009 or later FAA-approved revisions	Pratt & Whitney	PW4050, PW4052 PW4056, PW4060 PW4060A, PW4060C PW4074, PW4074D PW4077, PW4077D PW4084, PW4084D PW4090, PW4090-3 PW4090D, PW4098 PW4152, PW4156 PW4156A, PW4158 PW4164, PW4168 PW4460, PW4462
Filter, Air	DEC69-024-505	727604-5	Test and Computation per 14 CFR § 21.303, Dwg: DEC69-024 <u>Rev.:</u> Rev C <u>Date:</u> Sep 30, 2009 or later FAA-approved revisions	Embraer	EMB-135ER EMB-135LR EMB-135KL EMB-145ER EMB-145LR ERJ 170-100STD

NOTE:

- 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 parts with their designs. If the TC holder's ICA applies to these replacement parts, 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



 Jim Reeves
 Manager, Atlanta Manufacturing
 Inspection District Office

FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

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

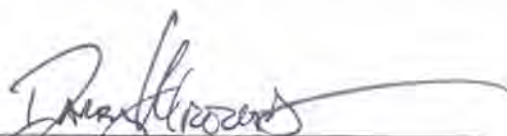
PMA NO. PQ1469CE
SUPPLEMENT NO. 228
DATE: April 28, 2010


Part Name	Part Number	Approved Replacement For Part Number	Approved Basis and Approved Design Data	Make Eligibility	Model Eligibility
Poppet and Seat Assembly	DEC321240	321240	Test and Computation per 14 CFR § 21.303, Dwg: DEC321240 <u>Rev.:</u> No Rev <u>Date:</u> Jan 26, 2010 or later FAA-approved revisions	Boeing	737-300 Series 737-400 Series 737-500 Series
Hinge-Blocker Door	DEC290-0565-508	290-0565-508	Test and Computation per 14 CFR § 21.303, Dwg: DEC290-0565-508 <u>Rev.:</u> Rev A <u>Date:</u> May 26, 2009 or later FAA-approved revisions	IAE McDonnell Douglas	V2525-D5 V2528-D5 MD-90-30
Hinge	DEC745-0041-501	745-0041-501	Test and Computation per 14 CFR § 21.303, Dwg: DEC745-0041-501 <u>Rev.:</u> Rev B <u>Date:</u> Jan 7, 2010 or later FAA-approved revisions	Airbus	A319-131 A319-132 A319-133 A320-231 A320-232 A320-233 A321-131 A321-231
Hinge	DEC745-0041-502	745-0041-502	Test and Computation per 14 CFR § 21.303, Dwg: DEC745-0041-502 <u>Rev.:</u> Rev B <u>Date:</u> Jan 7, 2010 or later FAA-approved revisions	Airbus	A319-131 A319-132 A319-133 A320-232 A320-233 A321-131 A321-231
Gear Assembly, Spur	DEC46-012-501	152071	Test and Computation per 14 CFR § 21.303, Dwg: DEC46-012 <u>Rev.:</u> Rev A <u>Date:</u> May 30, 2003 or later FAA-approved revisions	McDonnell Douglas	MD-10-10F MD-10-30F
Seal, Triangular Backup	DEC69-109-501	755348-2	Test and Computation per 14 CFR § 21.303, Dwg: DEC69-109 <u>Rev.:</u> Rev A <u>Date:</u> Aug 17, 2006 or later FAA-approved revisions	Pratt & Whitney	PW2040

Spring, Clutch	DEC728832-9	728832-9	Test and Computation per 14 CFR § 21.303, Dwg: DEC728832 Rev.: Rev B Date: Oct 28, 2008 or later FAA-approved revisions	McDonnell Douglas	DC-10-40
Spring, Clutch	DEC728832-10	728832-10	Test and Computation per 14 CFR § 21.303, Dwg: DEC728832 Rev.: Rev B Date: Oct 28, 2008 or later FAA-approved revisions	McDonnell Douglas	DC-10-40
Spring, Clutch	DEC728832-11	728832-11	Test and Computation per 14 CFR § 21.303, Dwg: DEC728832 Rev.: Rev B Date: Oct 28, 2008 or later FAA-approved revisions	McDonnell Douglas	DC-10-40
Filter, Air	DEC69-024-505	727604-5	Test and Computation per 14 CFR § 21.303, Dwg: DEC69-024 Rev.: Rev C Date: Sep 30, 2009 or later FAA-approved revisions	Embraer	ERJ 190-100 STD ERJ 190-100 LR ERJ 190-100 IGW ERJ 190-100 ECJ

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- 2) The FAA approved the ICA for the above parts with their designs. If the TC holder's ICA applies to these replacement parts, provide a statement noting such. If not, provide supplemental 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


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FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

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

PMA NO. PQ 1469CE
SUPPLEMENT NO. 235
DATE: December 7, 2010

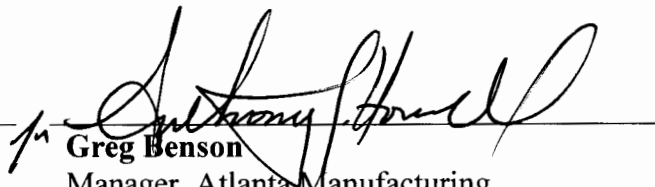
Part Name	Part Number	Approved Replacement For Part Number	Approved Basis and Approved Design Data	Make Eligibility	Model Eligibility
Filter, Air	DEC69-024-505	727604-5	Test and Computation per 14 CFR § 21.303, Dwg: DEC69-024 Rev.: Rev C Date: Sep 30, 2009 or later FAA-approved revisions	Bombardier	DHC-8-400

-END OF LISTING-

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- 2) The FAA approved ICA for the above parts with their designs. These ICA may refer to those of the respective parts from the holder of type certificates. Otherwise, provide supplemental ICA for differences in the replacement parts. 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