



PMA Supplements Index

ARTICLE NUMBER	ARTICLE NAME	PMA SUPP.	DATE ISSUED
A	M	A	N
	LINP C MPR ACTN S S ST	A	DEC

PARTS MANUFACTURER APPROVAL No. PQ1015CE
 PRODUCTION APPROVAL LISTING-SUPPLEMENT No. 181

Date: November 7, 2005

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURING APPROVAL

Jet Avion
 A HEICO Aerospace Company
 3000 Taft Street
 Hollywood, Fl. 33021
 (954) 987-6101

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For</u>	<u>FAA Approval Basis & Approved Design Data</u>	<u>Installation Eligibility Make:</u>	<u>Installation Eligibility Model:</u>
Lock and Setscrew Assy– HPC Blade 11 Stg	JA1B7825	1B7825	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA1B7825 Rev: N/C Date: 06/09/04 or later FAA approved revisions	Pratt & Whitney	PW2037, PW2037M, PW2040, PW2240, PW2337 Series Models
Lock and Setscrew Assy– HPC Blade 12 Stg	JA1B7826	1B7826	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA1B7826 Rev: N/C Date: 10/19/04 or later FAA approved revisions	Pratt & Whitney	PW2037, PW2037M, PW2040, PW2240, PW2337 Series Models
Lock and Setscrew Assy– HPC Blade 13 Stg	JA1B7827	1B7827	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA1B7827 Rev: N/C Date: 08/31/04 or later FAA approved revisions	Pratt & Whitney	PW2037, PW2037M, PW2040, PW2240, PW2337 Series Models
Lock and Setscrew Assy- HPC Blade 15 Stg	JA1B7829	1B7829	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA1B7829 Rev: N/C Date: 08/18/04 or later FAA approved revisions	Pratt & Whitney	PW2037, PW2037M, PW2040, PW2240, PW2337 Series Models
Lock and Setscrew Assy- HPC Blade 17 Stg	JA1B7830	1B7830	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA1B7830 Rev: N/C Date: 08/18/04 or later FAA approved revisions	Pratt & Whitney	PW2037, PW2037M, PW2040, PW2240, PW2337 Series Models
Bearing Fixed Driver	JA106711	106711	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA106711 Rev: N/C Date: 06/20/05 or later FAA approved revisions	General Electric	CF34-1A, -3A, -3A2, -3A1, -3B1, -3B Series Models
Bearing Fixed Driven	JA106712	106712	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA106712 Rev: N/C Date: 06/20/05 or later FAA approved revisions	General Electric	CF34-1A, -3A, -3A2, -3A1, -3B1, -3B Series Models

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Bearing Floating Driven	JA107551	107551	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA107551 Rev: N/C Date: 07/13/05 or later FAA approved revisions	General Electric	CF34-1A, -3A, -3A2, -3A1, -3B1, -3B Series Models
Bearing Floating Driver	JA107552	107552	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA107552 Rev: N/C Date: 07/13/05 or later FAA approved revisions	General Electric	CF34-1A, -3A, -3A2, -3A1, -3B1, -3B Series Models
Bearing Sleeve Fixed Driver	JA113306-1	113306-1	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA113306-1 Rev: B Date: 09/19/05 or later FAA approved revisions	General Electric	CF34-3A1, -3A, -3A2, -3A1, -3B1, -3B Series Models
Bearing Sleeve Floating Driver	JA113307-1	113307-1	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA113307-1 Rev: B Date: 09/19/05 or later FAA approved revisions	General Electric	CF34-1A, -3A, -3A2, 3A1, -3B1, -3B Series Models
Bearing Sleeve Fixed Driven	JA113308-1	113308-1	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA113308-1 Rev: B Date: 09/19/05 or later FAA approved revisions	General Electric	CF34--A1, -3A, -3A2, -3A1, -3B1, -3B Series Models
Bearing Sleeve Floating Driven	JA113309-1	113309-1	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA113309-1 Rev: B Date: 09/19/05 or later FAA approved revisions	General Electric	CF34-A1, -3A, -3A2 - 3A1, -3B1, -3B Series Models
Link Compr Actn Sys Stg 1	JA1590M22 P03	1590M22P03	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA1590M22 Rev: A Date: 03/08/05 or later FAA approved revisions	CFM International	CFM56-2A, -2B, -2C, -3, -5A, -5B, -5C, and -7 Series Models
Link Compr Actn Sys Stg 2	JA1590M22 P04	1590M22P04	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA1590M22 Rev: A Date: 03/08/05 or later FAA approved revisions	CFM International	CFM56-2A, -2B, -2C, -3, -5A, -5B, -5C, and -7 Series Models

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Link Compr Actn Sys IGV	JA1590M22 P09	1590M22P09	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA1590M22 Rev: A Date: 03/08/05 or later FAA approved revisions	CFM International	CFM56-2A, -2B, -2C, -3, -5A, -5B, -5C, and -7 Series Models
Seal-Blade Stg 2 HPTR	JA1957M35 P03	1957M35P03	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA1957M35 Rev: A Date: 03/15/05 or later FAA approved revisions	General Electric	CF6-80C2 Series Models
Seal-Blade Stg 2 HPTR	JA1957M35 P04	1957M35P04	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA1957M35 Rev: A Date: 03/15/05 or later FAA approved revisions	General Electric	CF6-80C2 Series Models
Bearing Drive Pressurized	JA218914-1	218914-1	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA218914-1 Rev: A Date: 08/16/05 or later FAA approved revisions	CFM International	CFM56-5B, -5C Series Models
Bearing Driven Pressurized	JA218915-1	218915-1	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA218915-1 Rev: A Date: 08/16/05 or later FAA approved revisions	CFM International	CFM56-5B, -5C Series Models
Bearing Pressurized Drive	JA219342-1	219342-1	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA219342-1 Rev: N/C Date: 08/18/05 or later FAA approved revisions	CFM International	CFM56-7B Series Models
Bearing Pressurized Driven	JA219343-1	219343-1	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA219343-1 Rev: N/C Date: 08/18/05 or later FAA approved revisions	CFM International	CFM56-7B Series Models
Boot Flexible	JA3236051-1	3236051-1	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA3236051-1 Rev: N/C Date: 07/06/05 or later FAA approved revisions	CFM International	CFM56-2A, -2B, -2C, -3, -5A, -5B, -5C Series Models

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Date: November 7, 2005

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Spring Inner	JA540-0139-1	540-0139-1	Test and Computation per 14 CFR Part 21.303(c)(4) Dwg No.: JA540-0139-1 Rev: N/C Date: 06/09/05 or later FAA approved revisions	Pratt & Whitney	PW4164, PW4168, PW4168A, PW4074, PW4077, PW4074D, PW4077D, PW4084D, PW4090, PW4090D, PW4090-3, PW4098 Series Models
Spring Outer	JA540-0140-1	540-0140-1	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA540-0140-1 Rev: N/C Date: 06/09/05 or later FAA approved revisions	Pratt & Whitney	PW4164, PW4168, PW4168A, PW4074, PW4077, PW4074D, PW4077D, PW4084D, PW4090, PW4090D, PW4090-3, PW4098 Series Models
Bearings Washer Thrust	JA58H581	58H581	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA58H5 Rev: N/C Date: 08/18/05 or later FAA approved revisions	Pratt & Whitney	PW4052, PW4062, PW4062(-3), PW4152, PW4158, PW4158(-3), PW4460, PW4462, PW4462(-3), PW4164, PW4168, PW4168A, PW4074, PW4077 Series
Bearings Washer Thrust	JA58H582	58H582	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA58H5 Rev: N/C Date: 08/18/05 or later FAA approved revisions	Pratt & Whitney	PW4052, PW4062, PW4062(-3), PW4152, PW4158, PW4158(-3), PW4460, PW4462, PW4462(-3), PW4164, PW4168, PW4168A, PW4074, PW4077 Series Models
Bearings Washer	JA58H584	58H584	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA58H5 Rev: N/C Date: 08/18/05 or later FAA approved revisions	Pratt & Whitney	PW4052, PW4062, PW4062(-3), PW4152, PW4158, PW4158(-3), PW4460, PW4462, PW4462(-3), PW4164, PW4168, PW4168A, PW4074, PW4077 Series Models
Bearings Washer	JA58H585	58H585	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA58H5 Rev: N/C Date: 08/18/05 or later FAA approved revisions	Pratt & Whitney	PW4052, PW4062, PW4062(-3), PW4152, PW4158, PW4158(-3), PW4460, PW4462, PW4462(-3), PW4164, PW4168, PW4168A, PW4074, PW4077 Series Models

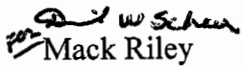
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Date: November 7, 2005

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Bearings Washer	JA58H586	58H586	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA58H5 Rev: N/C Date: 08/18/05 or later FAA approved revisions	Pratt & Whitney	PW4052, PW4062, PW4062(-3), PW4152, PW4158, PW4158(-3), PW4460, PW4462, PW4462(-3), PW4164, PW4168, PW4168A, PW4074, PW4077 Series Models
Bearing Floating Drive	JA767440	767440	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA767440 Rev: A Date: 02/11/05 or later FAA approved revisions	International Aero Engines	V2500-A5, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5 Series Models
Bearing Floating Driven	JA767441	767441	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA767441 Rev: A Date: 02/11/05 or later FAA approved revisions	International Aero Engines	V2500-A5, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5 Series Models
Bearing Matched Set	JA767442	767442	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA767442 Rev: N/C Date: 02/17/05 or later FAA approved revisions	International Aero Engines	V2500-A5, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5 Series Models
Spacer Sleeve Flanged	JA792886	792886	Test and Computation per 14 CFR Part 21.303(c)(4) DWG No.: JA792886 Rev: A Date: 08/22/05 or later FAA approved revisions	Pratt & Whitney	JT9D-7R4G2, JT9D-7R4E4, JT9D-7R4H1, JT9D-7R4E1 Series Models

-----END OF LISTING-----

Note: Provide minor design changes in a manor as determined by the ACO. Handle major design changes to drawings and specifications in the same manor as that for an original FAA-PMA. 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.


 Mack Riley
 Manager, Orlando MIDO

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Jet Avion Corporation
A HEICO Aerospace Company
3000 Taft Street
Hollywood, FL 33021-4499

PMA NO.:	<u>PQ1015CE</u>
SUPPLEMENT No.:	<u>334</u>
DATE:	<u>December 4, 2012</u>

<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>
Bushing, IGV Shroud	JA1285M34P01	1285M34P01	Identity per 14 CFR § 21.303, Dwg No.: JA1285M34P01, Rev.: N/C, Date: 01/03/01, or later FAA approved revisions.	CFM International	CFM56-7B20/3, -7B22/B1, -7B22/3, -7B22/3B1, -7B22E, -7B22E/B1, -7B24/B1, -7B24/3, -7B24/3B1, -7B24E, -7B24E/B1, -7B26/3, -7B26/B1, -7B26/3B1, -7B26/3B2F, -7B26/3F, -7B26/B2, -7B26E, -7B26E/B1, -7B26E/B2, -7B26E/B2F, -7B26E/F, -7B27A, -7B27AE, -7B27/3, -7B27/3F, -7B26/3B2, -7B27/B1, -7B27/B3, -7B27/3B1, -7B27/3B3, -7B27A/3, -7B27E/B1, -7B27/3B1F, -7B27E/B3, -7B27E, -7B27E/F, -7B27E/B1F CFM56-3C-1
Poppet, Thermal Valve	U540211AFI	U540211	Tests and Computations per 14 CFR § 21.303, Dwg No.: U540211AFI, Rev.: –, Date: 6/27/06, or later FAA approved revisions.	General Electric	CF6-80C2B1F1 CF6-80C2B7F CF6-80C2B3F CF6-80C2B1F2 CF6-80C2B5F CF6-80C2B8F
Seat – Gland	JA63E38-1	63E38-1	Tests and Computations per 14 CFR § 21.303, Dwg No.: M6V40071, Rev.: A, Date: 7/31/08, or later FAA approved revisions.	General Electric	CF6-80C2B7F
Loop Clamp, Hinge Cushioned	DN491B0700065-019	491B0700065-019	Tests and Computations per 14 CFR § 21.303, Dwg No.: DN491B0700065-019, Rev.: F, Date: 2012/05/15, or later FAA approved revisions.	General Electric	CF6-80E1A2 CF6-80E1A3 CF6-80E1A4 CF6-80E1A4/B

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Jet Avion Corporation
A HEICO Aerospace Company
3000 Taft Street
Hollywood, FL 33021-4499

PMA NO.:	<u>PQ1015CE</u>
SUPPLEMENT No.:	<u>334</u>
DATE:	<u>December 4, 2012</u>

<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>
Lock – Blade	JA9984M28P02	9984M28P02	Tests and Computations per 14 CFR § 21.303, Dwg No.: JA9984M28P02, Rev.: D, Date: 2011/05/26, or later FAA approved revisions.	CFM Intl.	CFM56-7B22E, -7B22E/B1, -7B24E, -7B24E/B1, -7B26E, -7B26E/B1, -7B26E/B2, -7B26E/B2F, -7B26E/F, -7B27AE, -7B27E/B1, -7B27E/B3, -7B27E, -7B27E/F, -7B27E/B1F
Lock – Blade	JA9984M29P02	9984M29P02	Tests and Computations per 14 CFR § 21.303, Dwg No.: JA9984M29P02, Rev.: C, Date: 11/12/99, or later FAA approved revisions.	CFM Intl.	CFM56-7B22E, -7B22E/B1, -7B24E, -7B24E/B1, -7B26E, -7B26E/B1, -7B26E/B2, -7B26E/B2F, -7B26E/F, -7B27AE, -7B27E/B1, -7B27E/B3, -7B27E, -7B27E/F, -7B27E/B1F
Bushing	JA9999M35P06	9999M35P06	Tests and Computations per 14 CFR § 21.303, Dwg No.: JA9999M35, Rev.: C, Date: 2/11/07, or later FAA approved revisions.	CFM Intl.	CFM56-7B22E, -7B22E/B1, -7B24E, -7B24E/B1, -7B26E, -7B26E/B1, -7B26E/B2, -7B26E/B2F, -7B26E/F, -7B27AE, -7B27E/B1, -7B27E/B3, -7B27E, -7B27E/F, -7B27E/B1F

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Jet Avion Corporation
A HEICO Aerospace Company
3000 Taft Street
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PMA NO.:	<u>PQ1015CE</u>
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Link Compr Actn Sys Stg 2	JA1590M22P04	1590M22P04	Tests and Computations per 14 CFR § 21.303, Dwg No.: JA1590M22, Rev.: A, Date: 3/8/05, or later FAA approved revisions.	CFM Intl.	CFM56-7B20, -7B20/2, -7B20/3, -7B22, -7B22/2, -7B22/B1, -7B22/3, -7B22/3B1, -7B22E, -7B22E/B1, -7B24, -7B24/2, -7B24/B1, -7B24/3, -7B24/3B1, -7B24E, -7B24E/B1, -7B26/3, -7B26, -7B26/2, -7B26/B1, -7B26/3B1, -7B26/3B2F, -7B26/3F, -7B26/B2, -7B26E, -7B26E/B1, -7B26E/B2, -7B26E/B2F, -7B26E/F, -7B27, -7B27A, -7B27AE, -7B27/3, -7B27/3F, -7B26/3B2, -7B27/B1, -7B27/B3, -7B27/2, -7B27/3B1, -7B27/3B3, -7B27A/3, -7B27E/B1, -7B27/3B1F, -7B27E/B3, -7B27E, -7B27E/F, -7B27E/B1F

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Jet Avion Corporation
A HEICO Aerospace Company
3000 Taft Street
Hollywood, FL 33021-4499

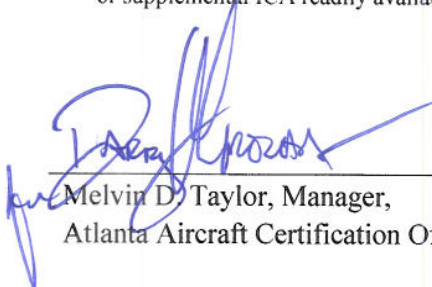
PMA NO.: PQ1015CE
SUPPLEMENT No.: 334
DATE: December 4, 2012

<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>
Carbon Seal	3501212-3AFI	3501212-3	Tests and Computations per 14 CFR § 21.303, Dwg No.: 3501212-3AFI, Rev.: B, Date: 03/08/05, or later FAA approved revisions.	Airbus	A300 A310 A300-600 A318 Series A321 Series A330-200 Series A330-200 Freighter Series A330-300 Series A340-200 Series A340-300 Series A340-500 Series A340-600 Series
				Embraer	EMB-135ER EMB-135LR EMB-135KE EMB-135KL EMB-135BJ


----- 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. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR § 21.50.



Melvin D. Taylor, Manager,
Atlanta Aircraft Certification Office



Mack Riley, Manager, Orlando
Manufacturing Inspection District Office