



PMA Supplements Index

ARTICLE NUMBER	ARTICLE NAME	PMA SUPP.	DATE ISSUED
JA1473M57P01	INSERT	JA144	FEB 20, 2002
JA1537M59P01		JA278	JUNE 17, 2010

PARTS MANUFACTURER APPROVAL No. PQ1015CE
 PRODUCTION APPROVAL LISTING-SUPPLEMENT No. 144
 Date: FEBRUARY 20, 2002

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURING APPROVAL

Jet Avion
 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>
Bearing – Sleeve	JA55H179	55H179	Test and Computations per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA55H179 Rev: A Date: 10/08/01 or later FAA approved revisions	Pratt & Whitney	PW4173, PW4074, PW4074D, PW4077, PW4077D, PW4084D, PW4090, PW4090D, PW4090-3 and PW4098
Seal No 6 Brg	JA805070	805070	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA805070 Rev: A Date: 06/02/01 or later FAA approved revisions	Pratt & Whitney	JT8D-1, -1A, -1B, -7, -7A, -7B, -9, -9A, -11, -15, -15A, -17, -17A, -17AR, -17R, -209, -217, -217A, -217C and -219.
Insert – Locknut 4R (SPD)	JA1473M57P01	1473M57P01	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA1473M57P01 Rev: A Date: 09/27/01 or later FAA approved revisions	General Electric	CF6-80C2A1, -80C2A2, -80C2A3, -80C2A5, -80C2A5F, -80C2B1, -80C2B2, -80C2B4, -80C2B6, -80C2B1F, -80C2B2F, -80C2B4F, -80C2B6F, -80C2B6FA and -80C2D1F.
Insert – Locknut 5R (SPD)	JA1537M59P01	1537M59P01	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA1537M59P01 Rev: A Date: 09/27/01 or later FAA approved revisions	General Electric	CF6-80C2A1, -80C2A2, -80C2A3, -80C2A5, -80C2A5F, -80C2B1, -80C2B2, -80C2B4, -80C2B6, -80C2B1F, -80C2B2F, -80C2B4F, -80C2B6F, -80C2B6FA and -80C2D1F, CF6-80A, -80A1, -80A2, -80A3
Bushing – IGV Shrd	JA9211M39G01	9211M39G01	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA9211M39G01 Rev: A Date: 09/27/01 or later FAA approved revisions	General Electric	CF6-80C2A1, -80C2A2, -80C2A3, -80C2A5, -80C2A8, -80C2A5F, -80C2B1, -80C2B2, -80C2B4, -80C2B6, -80C2B1F, -80C2B2F, -80C2B4F, -80C2B5F, -80C2B6F, -80C2B6FA, -80C2B7F, -80C2B8F and -80C2D1F, CF6-45A, -45A2, -50CA, -50C, -50C1, -50C2, -50C2-B, -50C2-D, -50C2-F, -50C2-R, -50E, -50E1, -50E2, CF6-80A, -80A1, -80A2, -80A3

<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>
Bushing – IGV Shrd, Stg. 1 and 2	JA9211M39G02	9211M39G02	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA9211M39G02 Rev: A Date: 09/27/01 or later FAA approved revisions	General Electric	CF6-80C2A1, -80C2A2, -80C2A3, -80C2A5, -80C2A8, -80C2A5F, -80C2B1, -80C2B2, -80C2B4, -80C2B6, -80C2B1F, -80C2B2F, -80C2B4F, -80C2B5F, -80C2B6F, -80C2B6FA, -80C2B7F, -80C2B8F and -80C2D1F, CF6-45A, -45A2, -50CA, -50C, -50C1, -50C2, -50C2-B, -50C2-D, -50C2-F, -50C2-R, -50E, -50E1, -50E2, CF6-80A, -80A1, -80A2, -80A3
Seal Option – No 4 ½ Brg	JA739585	739585	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA739585 Rev: A Date: 06/04/01 or later FAA approved revisions	Pratt & Whitney	JT8D-1, -1A, -1B, -7, -7A, -7B, -9, -9A, -11, -15, -15A, -17, -17A, -17AR, -17R, -209, -217, -217A, -217C and -219.
Seal Option	JA780779	780779	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA780779 Rev: A Date: 06/02/01 or later FAA approved revisions	Pratt & Whitney	JT9D-3A, -7, -7A, -7A(SP), -7AH, -7F, -7H, -7J, -7Q, -7Q3, -7R4D, -7R4D1, -7R4E, -7R4E1, -7R4E4, -7R4G2, -7R4H1, -20, -20J, -59A, and -70A.
Spring	JA1304M78P01	1304M78P01	Test and Computations per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA1304M78P01 Rev: N/C Date: 04/04/01 or later FAA approved revisions	General Electric Aircraft Engines	CF6-80C2A1, -80C2A2, -80C2A3, -80C2A5, -80C2A8, -80C2A5F, -80C2B1, -80C2B1F, -80C2B2, -80C2B2F, -80C2B4, -80C2B4F, -80C2B5, -80C2B6, -80C2B6F, -80C2B6FA, -80C2B7F, -80C2B8F, -80C2D1F, -80E1A2, -80E1A4.
Shroud – HPT Stator STG 2	JA9392M86G10	9392M86G10	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No. JA9392M86G10 Rev: D Date: 08/13/01 or later FAA approved revisions	General Electric Aircraft Engines	CF6-80C2A5F, -80C2B2F, -80C2B4F, -80C2B5F, -80C2B6FA, -80C2B6F, -80C2B7F, -80C2A1, -80C2A2, -80C2A3, -80C2A5, -80C2A8, -80C2B1F, -80C2B1, -80C2B2, -80C2B4, -80C2B6 and -80C2D1F.

<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>
Damper Assy-Cam Followr Bleed Valve	JA52D338	52D338	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No. JA52D338 Rev: A Date: 09/25/01 or later FAA approved revisions	Pratt & Whitney	PW4050, PW4052, PW4052(-3), PW4056, PW4056(-3), PW4060, PW4060(-3), PW4060A, PW4160A(-3), PW4062(-3), PW4152, PW4152(-3), PW4156, PW4156(-3), PW4156A, PW4158, PW4158(-3), PW4460, PW4460(-3), PW4462 and PW4462(-3).
Cam Follower Bleed Valve	JA53D157	53D157	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA53D157 Rev: B Date: 09/27/01 or later FAA approved revisions	Pratt & Whitney	PW4052, PW4052(-3), PW4056, PW4056(-3), PW4060, PW4060(-3), PW4060A, PW4060A(-3), PW4060C, PW4062(-3), PW4152, PW4152(-3), PW4156A, PW4156(-3), PW4158, PW4158(-3), PW4460, PW4460(-3), PW4462, PW4462(-3), PW4164, PW4168, PW4168A, PW4074, PW4074D, PW4077, PW4077D, PW4084D, PW4090, PW4090D and PW4098.
Bearing -- Plain, Self-Aligning	JA1B7625	1B7625	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No: JA1B7625 Rev: C Date: 10/05/01 or later FAA approved revisions	Pratt & Whitney	PW2037, PW2037(M), PW2040, PW2240, PW2337, PW4050, PW4050(-3), PW4052, PW4052(-3), PW4056, PW4056(-3), PW4060, PW4060(-3), PW4060A, PW4060A(-3), PW4060C, PW4060C(-3), PW4062(-3), PW4074, PW4074D, PW4077, PW4077D, PW4084D, PW4090, PW4090D, PW4098, PW4152, PW4152(-3), PW4156, PW4156(-3), PW4156A, PW4156A(-3), PW4158, PW4158(-3), PW4164, PW4168, PW4168A, PW4460, PW4460(-3), PW4462 and PW4462(-3)
Tube-Assy. Of Brthr, No.4 Brg. Inr	JA636985	636985	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No: JA636985 Rev: D Date: 9/27/01 or later FAA approved revisions	Pratt & Whitney	JT8D-1, -1A, 1B-7, -7A, -7B, -9, -9A, -11, -15, 15A, -17, -17A-17R, and -17AR engines

<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>
Tube-Assy. Of Brthr	JA636983	636983	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No: JA636983 Rev: B Date: 9/28/01 or later FAA approved revisions	Pratt & Whitney	JT8D-1, -1A, 1B-7, -7A, -7B, -9, -9A, -11, -15, - 17, and -17R engines

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

Note: Minor design changes (reference 14 CFR part 21 sections 21.93 and 21.95) must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR part 21 sections 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original FAA-PMA

Richard R. Paper

jm P.E. Littleton
Manager, Orlando MIDO

Reissued: 3/7/03



U.S. Department
of Transportation

**Federal Aviation
Administration**

June 25, 2010

Mr. Marco Cuberos
Jet Avion
3000 Taft Street
Hollywood, Florida 33021

Dear Mr. Cuberos:

FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

In accordance with the provisions of Title 14 of the Code of Federal Regulations (14 CFR), part 21, Certification Procedures for Products and Parts, subpart K, the Federal Aviation Administration (FAA) has found that the design data, based on a Test and Computations submitted, with your letters dated May 5, 2010 and May 17, 2010, meet the airworthiness requirements of the regulations applicable to the products on which the parts are to be installed. Additionally, the FAA has determined that Jet Avion has established the fabrication inspection system as required by 14 CFR part 21, Section § 21.303(h) at 3000 Taft Street, Hollywood, Florida. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed supplement number 277 & 278.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, noted in our PMA letter of approval dated March 3, 1987, also apply to the enclosed PMA listing-Supplement Numbers 277 & 278. The enclosed supplements should be retained with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

Mack Riley
Manager, Orlando MIDO

Enclosure
PMA Listing –Supplement No. 277 & 278

Small Airplane Directorate
Manufacturing Inspection District Office
5950 Hazeltine National Drive, Rm 405
Orlando, Florida 32822
Telephone: (407) 855-9050

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>278</u>
DATE:	<u>June 17, 2010</u>

<u>Part 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>
Insert – Locknut 4R (SPD)	JA1473M57P01	1473M57P01	Tests and Computations per 14 CFR § 21.303 (c)(4), Dwg No.: JA1473M57P01, Rev.: A, Date: 09/27/01, or later FAA approved revisions.	General Electric	CF6-80C2B5F CF6-80C2B7F
Insert – Locknut 5R (SPD)	JA1537M59P01	1537M59P01	Tests and Computations per 14 CFR § 21.303 (c)(4), Dwg No.: JA1537M59P01, Rev.: A, Date: 09/27/01, or later FAA approved revisions.	General Electric	CF6-80C2B5F CF6-80C2B7F
Bushing	JA9999M35P03	9999M35P03	Tests and Computations per 14 CFR § 21.303 (c)(4), Dwg No.: JA9999M35, Rev.: C, Date: 2/11/07, or later FAA approved revisions.	CFM International	CFM56-5C2, CFM56-5C2/F, CFM56-5C3/F, CFM56-5C2/G, CFM56-5C3/G, CFM56-5C2/4, CFM56-5C2/F4, CFM56-5C2/G4, CFM56-5C3/F4, CFM56-5C3/G4, CFM56-5C4, CFM56-5C4/1
Bushing	JA9999M35P04	9999M35P04	Tests and Computations per 14 CFR § 21.303 (c)(4), Dwg No.: JA9999M35, Rev.: C, Date: 2/11/07, or later FAA approved revisions.	CFM International	CFM56-5C2, CFM56-5C2/F, CFM56-5C3/F, CFM56-5C2/G, CFM56-5C3/G, CFM56-5C2/4, CFM56-5C2/F4, CFM56-5C2/G4, CFM56-5C3/F4, CFM56-5C3/G4, CFM56-5C4, CFM56-5C4/1

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

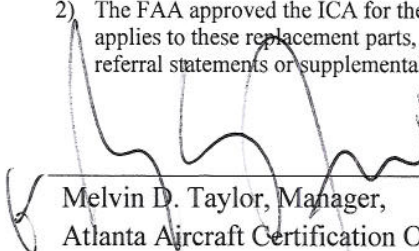
PMA NO.: PQ1015CE
 SUPPLEMENT No.: 278
 DATE: June 17, 2010

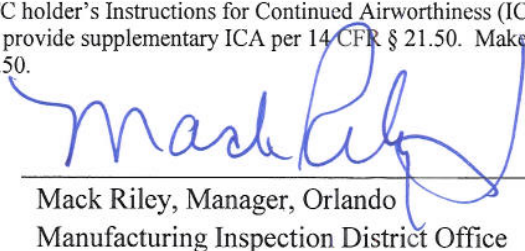
<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement for Part Number</u>	<u>FAA Approval Basis and Approved Design Data</u>	<u>Make Eligibility</u>	<u>Model Eligibility</u>
Bushing	JA9999M35P06	9999M35P06	Tests and Computations per 14 CFR § 21.303 (c)(4), Dwg No.: JA9999M35, Rev.: C, Date: 2/11/07, or later FAA approved revisions.	CFM International	CFM56-5C2, CFM56-5C2/F, CFM56-5C3/F, CFM56-5C2/G, CFM56-5C3/G, CFM56-5C2/4, CFM56-5C2/F4, CFM56-5C2/G4, CFM56-5C3/F4, CFM56-5C3/G4, CFM56-5C4, CFM56-5C4/1, CFM56-5C2/P, CFM56-5C3/P, CFM56-5C4/P, CFM56-5C4/1P
Bushing	JA9999M35P07	9999M35P07	Tests and Computations per 14 CFR § 21.303 (c)(4), Dwg No.: JA9999M35, Rev.: C, Date: 2/11/07, or later FAA approved revisions.	CFM International	CFM56-5C2, CFM56-5C2/F, CFM56-5C3/F, CFM56-5C2/G, CFM56-5C3/G, CFM56-5C2/4, CFM56-5C2/F4, CFM56-5C2/G4, CFM56-5C3/F4, CFM56-5C3/G4, CFM56-5C4, CFM56-5C4/1, CFM56-5C2/P, CFM56-5C3/P, CFM56-5C4/P, CFM56-5C4/1P

----- 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 parts with their designs. If the TC holder's Instructions for Continued Airworthiness (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


 Mack Riley, Manager, Orlando
 Manufacturing Inspection District Office