

PARTS MANUFACTURER APPROVAL No. PQ1015CE  
 PRODUCTION APPROVAL LISTING-SUPPLEMENT No. 146  
 Date: May 6, 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 &amp; Approved Design Data</u>	<u>Installation Eligibility Make:</u>	<u>Installation Eligibility Model:</u>
Bearing (CL1, CL2)	JA1B5428	1B5428	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA1B5428 Rev.: A, Date: 12/21/01 or later FAA approved revisions	Pratt & Whitney	PW2037 and PW2040
Bearing (CL1, CL2)	JA1B5426	1B5426	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA1B5426 Rev.: N/C, Date: 2/16/01 or later FAA approved revisions	Pratt & Whitney	PW2037 and PW2040
Key-HPC Inner Shroud	JA51H133	51H133	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA51H133, Rev.: A, Date: 7/18/01 or later FAA approved revisions	Pratt & Whitney	PW4052, PW4052(-3), PW4056, PW4056(-3), PW4060, PW4060(-3), PW4060C, PW4062(-3), PW4152, PW4152(-3), PW4156A, PW4156A(-3), PW4158, PW4158(-3), PW4460, PW4460(-3), PW4462, PW4462(-3), PW4164, and PW4168
Bearing Option	JA819771	819771	Test and Computation per 14 CFR Part 21 section 21.303(c)(4) DWG No.: JA819771, Rev.: N/C, Date: 5/4/01 or later FAA approved revisions	Pratt & Whitney	JT8D-1, -1A, -1B, -7, -7A, -7B, -9, -9A, -11, -15, -15A, -17, -17A, -17R, -17AR, -209, -217, -217A, -217C, and -219
Bush	JA6A2512	6A2512	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA6A2512, Rev.: N/C, Date: 7/9/01 or later FAA approved revisions	International Aero Engines	V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, and V2528-5
Bush	JAUP10815	UP10815	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JAUP10815, Rev.: N/C, Date: 7/9/01 or later FAA approved revisions	International Aero Engines	V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, and V2528-D5
Bush	JAUP11069	UP11069	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JAUP11069, Rev.: N/C, Date: 7/9/01 or later FAA approved revisions	International Aero Engines	V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, and V2528-D5
Washer, Sealing, VIGV	JA6A3789	6A3789	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA6A3789, Rev.: N/C, Date: 10/22/01 or later FAA approved revisions	International Aero Engines	V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, and V2528-D5

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Washer, Sealing, Vanes Stage 3	JA6A3790	6A3790	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA6A3790, Rev.: N/C, Date: 10/22/01 or later FAA approved revisions	International Aero Engines	V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, and V2528-D5
Washer, Sealing, Vanes Stage 4	JA6A3791	6A3791	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA6A3791, Rev.: N/C, Date: 10/22/01 or later FAA approved revisions	International Aero Engines	V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, and V2528-D5
SEAT-NO.5 BRG SEAL	JA811685	811685	Test and Computations per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA811685, Rev.: A, 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, -17AR, -209, -217, -217A, -217C, -219
MOUNT-RESILIENT, IGNITION UNIT	JA357154	357154	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA357154, Rev.: D, Date: 9/28/01 or later FAA approved revisions	Pratt & Whitney	JT8D-1, -1A, -1B, -7, -7A, -7B, -9, -9A, -11, -15, -15A, -17, -17A, -17R, -17AR, -209, -217, -217A, -217C, -219  JT9D-3A, -7, -7A, -7F, -7H, -7AH, -7J, -20, -20J, -7R4D, -7R4E, -7R4E4, -7R4D1, -7R4E1, -7R4H1, -7R4G2, -7Q, -7Q3, -59A, -70A PW2037, PW2037(M), PW2040, PW2240, PW2337 PW4052, PW4052(-3), PW4056, PW4056(-3), PW4060, PW4060(-3), PW4060A, WP4060A(-3), PW4060C, PW4062(-3), PW4074, PW4077, PW4074D, PW4077D, PW4084D, PW4090, PW4090D, PW4098, PW4152, PW4152(-3), PW4156A, PW4156A(-3), PW4158, PW4158(-3), PW4460, PW4460(-3), PW4462, PW4462(-3), PW4164, PW4168, PW4168A
RETAINER SEAL	JA1822M77P01	1822M77P01	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA1822M77P01, Rev.: N/C, Date: 11/17/00 or later FAA approved revisions	General Electric Aircraft Engines	CF6-80C2A1, -80C2A2, -80C2A3, -80C2A5, -80C2A8, -80C2A5F, -80C2B1, -80C2B1F, -80C2B2, -80C2B2F, -80C2B4, -80C2B4F, -80C2B6, -80C2B6F, -80C2B5F, -80C2B6FA, -80C2B7F, -80C2B8F, -80C2D1F
Seal-Metal	JA9013M27P03	9013M27P03	Test and Computations per 14 CFR Part 21, section 21.303(c)(4) DWG No. JA9013M27P03, Rev.: N/C, Date : 3/21/01 or later FAA approved revisions	General Electric Aircraft Engines	CF6-45A, -45A2, -50C, -50CA, -50C1, -50C2, -50C2-B, -50C2-D, -50C2-F, -50C2-R, -50E, -50E1, -50E2

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Gasket Spring	JA2A2373	2A2373	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA2A2373, Rev.: B, Date: 02/01/02 or later FAA approved revisions	International Aero Engines	V2500-A5, V2500-D5, V2500-A5 Series V2500-D5 Series
GASKET – SPRING	JA2A2374	2A2374	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA2A2374, Rev.: B, Date: 02/01/02 or later FAA approved revisions	International Aero Engines	V2500-A5, V2500-D5
GASKET – SPRING	JA2A3155	2A3155	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA2A3155, Rev.: B, Date: 02/01/02 or later FAA approved revisions.	International Aero Engines	V2500-A5, V2500-D5
SPACER	JA3A0167	3A0167	Test and computation per 14CFR Part 21, section 21.303(c)(4) DWG No.: JA3A0167, Rev.: N/C, Date: 06/22/01 or later FAA approved revisions	International Aero Engines	V2500-A1 V2500-A5, V2500-D5
SPACER	JA3A0168	3A0168	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA3A0168, Rev.: N/C, Date: 06/22/01 or later FAA approved revisions	International Aero Engines	V2500-A1 V2500-A5, V2500-D5
Bearing (CL1, CL2)	JA1B5428	1B5428	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA1B5428, Rev.: A, Date: 12/21/01 or later FAA approved revisions	Pratt & Whitney	PW2037 and PW2040
Bearing (CL1, CL2)	JA1B5426	1B5426	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA1B5426, Rev.: N/C, Date: 2/16/01 or later FAA approved revisions	Pratt & Whitney	PW2037 and PW2040
Key-HPC Inner Shroud	JA51H133	51H133	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA51H133, Rev.: A, Date: 7/18/01 or later FAA approved revisions	Pratt & Whitney	PW4052, PW4052(-3), PW4056, PW4056(-3), PW4060, PW4060(-3), PW4060C, PW4062(-3), PW4152, PW4152(-3), PW4156A, PW4156A(-3), PW4158, PW4158(-3), PW4460, PW4460(-3), PW4462, PW4462(-3), PW4164, and PW4168
Bearing Option	JA819771	819771	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA819771, Rev.: N/C, Date: 5/4/01 or later FAA approved revisions	Pratt & Whitney	JT8D-1, -1A, -1B, -7, -7A, -7B, -9, -9A, -11, -15, -15A, -17, -17A, -17R, -17AR, -209, -217, -217A, -217C, and -219

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Bushing	JA1476M52P01	1476M52P01	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA1476M52P01, Rev.: A, Date: 1/17/02 or later FAA approved revisions	CFM International	CFM56-2, -2A, -2B, -3, -3B, -3C, -5A1, -5A1/F, -5A3, -5A4, -5A4/F, -5A5, -5A5/F, -5B1, -5B2, -5B4, -5B5, -5B6, -5B1/2, -5B2/2, -5B4/2, -5B6/2, -5B1/2P, -5B2/2P, -5B3/2P, -5B4/2P, -5B6/2P, -5B1/P, -5B2/P, -5B3/P, -5B4/P, -5B5/P, -5B6/P, -5C, -5C2/F, -5C3/F, -5C2/G, -5C3/G, -5C2/4, -5C2/F4, -5C2/G4, -5C3/F4, -5C3/G4, -5C4, -5C4/1, -7B18, -7B20, -7B22, -7B24, -7B26, -7B27, -7B20/2, -7B22/2, -7B24/2, -7B26/2, and -7B27/2
Bushing	JA1476M52P01	1476M52P01	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA1476M52P01, Rev.: A, Date: 1/17/02 or later FAA approved revisions	CFM International	V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, and V2530-A5, V2533-A5, V2525-D5, V2528-D5
Bush	JA6A2512	6A2512	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA6A2512, Rev.: N/C, Date: 7/9/01 or later FAA approved revisions	International Aero Engines	V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, and V2528-D5
Bush	JAUP10815	UP10815	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JAUP10815, Rev.: N/C, Date: 7/9/01 or later FAA approved revisions	International Aero Engines	V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, and V2528-D5
Bush	JAUP11069	U11069	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JAU11069, Rev.: N/C, Date: 7/9/01 or later FAA approved revisions	International Aero Engines	V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, V2528-D5
Washer, Sealing, VIGV	JA6A3789	6A3789	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA6A3789, Rev.: N/C, Date: 10/22/01 or later FAA approved revisions	International Aero Engines	V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, and V2528-D5
Washer, Sealing, Vanes Stage 3	JA6A3790	6A3790	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA6A3790, Rev.: N/C, Date: 10/22/01 or later FAA approved revisions	International Aero Engines	V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, and V2528-D5
Washer, Sealing, Vanes Stage 4	JA6A3791	6A3791	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA6A3791, Rev.: N/C, Date: 10/22/01 or later FAA approved revisions	International Aero Engines	V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, and V2528-D5
SEAT-NO.5 BRG SEAL	JA811685	811685	Test and Computations per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA811685, Rev.: A, 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, -17AR, -209, -217, -217A, -217C, -219

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Mount-Resilient, Ignition Unit	JA357154	357154	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA357154, Rev.: D, Date: 9/28/01 or later FAA approved revisions	Pratt & Whitney	JT8D-1, -1A, -1B, -7, -7A, -7B, -9, -9A, -11, -15, -15A, -17, -17A, -17R, -17AR, -209, -217, -217A, -217C, -219. JT9D-3A, -7, -7A, -7F, -7H, -7AH, -7J, -20, -20J, -7R4D, -7R4E, -7R4E4, -7R4D1, -7R4E1, -7R4H1, -7R4G2, -7Q, -7Q3, -59A, -70A. PW2037, PW2037(M), PW2040, PW2240, PW2337, PW4052, PW4052(-3), PW4056, PW4056(-3),
Mount-Resilient, Ignition Unit	JA357154	357154	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA357154, Rev.: D, Date: 9/28/01 or later FAA approved revisions	Pratt & Whitney	PW4060, PW4060(-3), PW4060A, WP4060A(-3), PW4060C, PW4062(-3), PW4074, PW4077, PW4074D, PW4077D, PW4084D, PW4090, PW4090D, PW4098, PW4152, PW4152(-3), PW4156A, PW4156A(-3), PW4158, PW4158(-3), PW4460, PW4460(-3), PW4462, PW4462(-3), PW4164, PW4168, PW4168A,
Retainer Seal	JA1822M77P01	1822M77P01	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA1822M77P01, Rev.: N/C, Date: 11/17/00 or later FAA approved revisions	General Electric Aircraft Engines	CF6-80C2A1, -80C2A2, -80C2A3, -80C2A5, -80C2A8, -80C2A5F, -80C2B1, -80C2B1F, -80C2B2, -80C2B2F, -80C2B4, -80C2B4F, -80C2B6, -80C2B6F, -80C2B5F, -80C2B6FA, -80C2B7F, -80C2B8F, -80C2D1F.
Seal-Metal	JA9013M27P03	9013M27P03	Test and Computations per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA9013M27P03, Rev.: N/C, Date: 3/21/01 or later FAA approved revisions.	General Electric Aircraft Engines	CF6-45A, -45A2, -50C, -50CA, -50C1, -50C2, -50C2-B, -50C2-D, -50C2-F, -50C2-R, -50E, -50E1, -50E2.
Gasket Spring	JA2A2373	2A2373	Test and Computation per 14 CFR Part 21 section, 21.303(c)(4) DWG No.: JA2A2373, Rev.: B, Date: 02/01/02 or later FAA approved revisions.	Inter-national Aero Engines	V2500 – A5, V2500 – D5 V2500-A5 Series V2500-D5 Series
Gasket Spring	JA2A2374	2A2374	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA2A2374, Rev.: B, Date: 02/01/02 or later FAA approved revisions.	Inter-national Aero Engines	V2500 – A5, V2500 – D5
Gasket Spring	JA2A3155	2A3155	Test and Computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA2A3155, Rev.: N/C, Date: 02/05/02 or later FAA approved revisions.	Inter-national Aero Engines	V2500 – A5, V2500 – D5

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Spacer	JA3A0167	3A0167	Test and computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA3A0167, Rev.: N/C, Date: 06/22/01 or later FAA approved revisions.	Inter-national Aero Engines	V2500 A1 V2500 A5 V2500 - D5
Spacer	JA3A0168	3A0168	Test and computation per 14 CFR Part 21, section 21.303(c)(4) DWG No.: JA3A0168, Rev.: N/C, Date: 06/22/01 or later FAA Approved revisions	Inter-national Aero Engines	V2500 - A1 V2500 - A5 V2500 - D5

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

Note: Provide minor design changes in a manner as determined by the Aircraft Certification Office (ACO). Handle major design changes to drawings and specifications in the same manner as that for an original Federal Aviation Administration, Parts Manufacturer Approval (FAA/PMA).

*for* *Bill W. Sinner*  
 Mack Riley  
 Manager, Orlando MIDO

1<sup>st</sup> Reissue: 3/7/03  
 2<sup>nd</sup> Reissue: 8/30/06