

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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

PMA NO. PQ0816NE  
SUPPLEMENT NO. 243 Amdt. 2  
DATE April 4, 2012

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Flange	3049M88P02QQ	3049M88P02	Identity per 14 CFR § 21.303 <u>DWG No:</u> 354 <u>Rev:</u> None <u>Date:</u> 3/15/99 or later FAA approved revisions	General Electric	CF6-45A, -45A2, -50C, -50C1, -50C2, -50C2B, -50C2D, -50C2-F, -50C2-R, -50CA, -50E, -50E1, -50E2
Flange	3049M88P04QQ	3049M88P04	Identity per 14 CFR § 21.303 <u>DWG No:</u> 354 <u>Rev:</u> None <u>Date:</u> 3/15/99 or later FAA approved revisions	General Electric	CF6-45A, -45A2, -50C, -50C1, -50C2, -50C2B, -50C2D, -50C2-F, -50C2-R, -50CA, -50E, -50E1, -50E2
Bolt	9010M11P02QQ	9010M11P02	Identity per 14 CFR § 21.303 <u>DWG No:</u> 305 <u>Rev:</u> A <u>Date:</u> 9/15/98 or later FAA approved revisions	General Electric	CF6-6D, -6D1, -6D1A, -6K, -6K2, -45A, -45A2, -50C, -50C1, -50C2, -50C2B, -50C2D, -50C2-F, -50C2-R, -50CA, -50E, -50E1, -50E2
Bolt	9010M11P03QQ	9010M11P03	Identity per 14 CFR § 21.303 <u>DWG No:</u> 305 <u>Rev:</u> A <u>Date:</u> 9/15/98 or later FAA approved revisions	General Electric	CF6-6D, -6D1, -6D1A, -6K, -6K2, -45A, -45A2, -50C, -50C1, -50C2, -50C2B, -50C2D, -50C2-F, -50C2-R, -50CA, -50E, -50E1, -50E2, -80A, -80A1, -80A2, -80A3, -80C2A1, -80C2A2, -80C2A3, -80C2A5, -80C2A5F, -80C2A8, -80C2B1, -80C2B1F, -80C2B2, -80C2B2F, -80C2B4, -80C2B4F, -80C2B5F, -80C2B6, -80C2B6F, -80C2B6FA, -80C2B7F, -80C2D1F

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Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Nut, Self-Locking	9109M72P04QQ	9109M72P04	Identicality per 14 CFR § 21.303 <u>DWG No:</u> 401 <u>Rev:</u> None <u>Date:</u> 11/17/99 or later FAA approved revisions	General Electric	CF6-6D, -6D1, -6D1A, -6K, -6K2, -45A, -45A2, -50C, -50C1, -50C2, -50C2B, -50C2D, -50C2-F, -50C2-R, -50CA, -50E, -50E1, 50E2, -80A, -80A1, -80A2, -80A3
Nut, Self-Locking	9109M72P05QQ	9109M72P05	Identicality per 14 CFR § 21.303 <u>DWG No:</u> 401 <u>Rev:</u> None <u>Date:</u> 11/17/99 or later FAA approved revisions	General Electric	CF6-6D, -6D1, -6D1A, -6K, -6K2, -45A, -45A2, -50C, -50C1, -50C2, -50C2B, -50C2D, -50C2-F, -50C2-R, -50CA, -50E, -50E1, 50E2, -80A, -80A1, -80A2, -80A3
Nut, Self-Locking	9109M72P09QQ	9109M72P09	Identicality per 14 CFR § 21.303 <u>DWG No:</u> 401 <u>Rev:</u> None <u>Date:</u> 11/17/99 or later FAA approved revisions	General Electric	CF6-6D, -6D1, -6D1A, -6K, -6K2, -45A, -45A2, -50C, -50C1, -50C2, -50C2B, -50C2D, -50C2-F, -50C2-R, -50CA, -50E, -50E1, 50E2, -80A, -80A1, -80A2, -80A3
Screw, Machine	9132M23P03QQ	9132M23P03	Identicality per 14 CFR § 21.303 <u>DWG No:</u> 306 <u>Rev:</u> None <u>Date:</u> 8/18/00 or later FAA approved revisions	General Electric	CF6-45A, -45A2, -50C, -50C1, -50C2, -50C2B, -50C2D, -50C2-F, -50C2-R, -50CA, -50E, -50E1, -50E2, -80A, -80A1, -80A2, -80A3
Screw, Machine	9132M23P26QQ	9132M23P26	Identicality per 14 CFR § 21.303 <u>DWG No:</u> 306 <u>Rev:</u> None <u>Date:</u> 8/18/00 or later FAA approved revisions	General Electric	CF6-45A, -45A2, -50C, -50C1, -50C2, -50C2B, -50C2D, -50C2-F, -50C2-R, -50CA, -50E, -50E1, -50E2, -80A, -80A1, -80A2, -80A3

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Screw, Machine	9132M23P04QQ	9132M23P04	Identicality per 14 CFR § 21.303 <u>DWG No:</u> 306 <u>Rev:</u> None <u>Date:</u> 8/18/00 or later FAA approved revisions	General Electric  CFM International	CF6-80A, -80A1, -80A2, -80A3  CFM56-5B1, -5B1/2, -5B1/2P, -5B2, -5B2/2, -5B2/2P, -5B3/2P, -5B4, -5B4/2, -5B4/2P, -5B6/2, -5B6/2P
Screw, Machine	9132M23P12QQ	9132M23P12	Identicality per 14 CFR § 21.303 <u>DWG No:</u> 306 <u>Rev:</u> None <u>Date:</u> 8/18/00 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3, -80C2A1, -80C2A2, -80C2A3, -80C2A5, -80C2A5F, -80C2A8, -80C2B1, -80C2B1F, -80C2B2, -80C2B2F, -80C2B4, -80C2B4F, -80C2B5F, -80C2B6, -80C2B6F, -80C2B6FA, -80C2B7F, -80C2B8F, -80C2D1F, -80E1A2, -80E1A3, -80E1A4
Screw, Machine	9132M23P25QQ	9132M23P25	Identicality per 14 CFR § 21.303 <u>DWG No:</u> 306 <u>Rev:</u> None <u>Date:</u> 8/18/00 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3, -80C2A1, -80C2A2, -80C2A3, -80C2A5, -80C2A5F, -80C2A8, -80C2B1, -80C2B1F, -80C2B2, 80C2B2F, -80C2B4, -80C2B4F, -80C2B5F, -80C2B6, -80C2B6F, -80C2B6FA, -80C2B7F, -80C2B8F, -80C2D1F, -80E1A2, -80E1A3, -80E1A4
Screw, Machine	9132M23P35QQ	9132M23P35	Identicality per 14 CFR § 21.303 <u>DWG No:</u> 306 <u>Rev:</u> None <u>Date:</u> 8/18/00 or later FAA approved revisions	General Electric	CF6-80C2A1, -80C2A2, -80C2A3

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Screw, Machine	9132M23P36QQ	9132M23P36	Identity per 14 CFR § 21.303 <u>DWG No:</u> 306 <u>Rev:</u> None <u>Date:</u> 8/18/00 or later FAA approved revisions	General Electric	CF6-80C2A1, -80C2A2, -80C2A3, -80C2A5, -80C2A5F, 80C2A8, -80C2B1, -80C2B1F, -80C2B2, -80C2B2F, -80C2B4, -80C2B4F, -80C2B5F, -80C2B6, -80C2B6F, -80C2B6FA, -80C2B7F, -80C2B8F, -80C2D1F, -80E1A2, -80E1A3, -80E1A4
Screw, Machine	9132M23P40QQ	9132M23P40	Identity per 14 CFR § 21.303 <u>DWG No:</u> 306 <u>Rev:</u> None <u>Date:</u> 8/18/00 or later FAA approved revisions	General Electric	CF6-80C2A1, CF6-80C2A2, CF6-80C2A3, CF6-80C2A5, CF6-80C2A8, CF6-80C2B1, CF6-80C2B2, CF6-80C2B4, CF6-80C2B6, CF6-80C2D1F, CF6-80C2B1F, CF6-80C2B2F, CF6-80C2B4F, CF6-80C2A5F, CF6-80C2B6F, CF6-80C2B6FA, CF6-80C2B7F, CF6-80C2B8F, CF6-80C2A5F, CF6-80E1A2, CF6-80E1A3, CF6-80E1A4, CF6-80E1A4/B
Bolt	9138M30P01QQ	9138M30P01	Identity per 14 CFR § 21.303 <u>DWG No:</u> 382 <u>Rev:</u> A <u>Date:</u> 6/28/99 or later FAA approved revisions	General Electric	CF6-6D, -6D1, -6D1A, -6K, -6K2, -45A, -45A2, -50C, -50C1, -50C2, -50C2B, -50C2D, -50C2-F, -50C2-R, -50CA, -50E, -50E1, -50E2
Bolt	9138M30P05QQ	9138M30P05	Identity per 14 CFR § 21.303 <u>DWG No:</u> 382 <u>Rev:</u> A <u>Date:</u> 6/28/99 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3, -80C2A1, -80C2A2, -80C2A3, -80C2A5, -80C2A8, -80C2B1, -80C2B2, -80C2B4, -80C2B6, -80C2B1F, -80C2B2F, -80C2B4F, -80C2B5F, -80C2B6F, -80C2B6FA, -80C2B7F, -80C2B8F

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Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Screw, Machine	9186M93G01QQ	9186M93G01	Identity per 14 CFR § 21.303 <u>DWG No:</u> 300 <u>Rev:</u> None <u>Date:</u> 9/11/98 or later FAA approved revisions	General Electric	CF6-45A, -45A2, -50C, -50C1, -50C2, -50C2B, -50C2D, -50C2-F, -50C2-R, -50CA, -50E, -50E1, -50E2
Screw, Machine	9186M93G03QQ	9186M93G03	Identity per 14 CFR § 21.303 <u>DWG No:</u> 300 <u>Rev:</u> None <u>Date:</u> 9/11/98 or later FAA approved revisions	General Electric	CF6-45A, -45A2, -50C, -50C1, -50C2, -50C2B, -50C2D, -50C2-F, -50C2-R, -50CA, -50E, -50E1, -50E2, -80A, -80A2, -80C2B4F, -80C2B6F, -80C2B7F, -80C2B8F, -80C2D1F
Screw, Machine	9186M93G04QQ	9186M93G04	Identity per 14 CFR § 21.303 <u>DWG No:</u> 300 <u>Rev:</u> None <u>Date:</u> 9/11/98 or later FAA approved revisions	General Electric	CF6-45A, CF6-45A2, CF6-50C, CF6-50C1, CF6-50C2, CF6-50C2B, CF6-50C2D, CF6-50C2-F, CF6-50C2-R, CF6-50CA, CF6-50E, CF6-50E1, CF6-50E2, CF6-80A, CF6-80A1, CF6-80A2, CF6-80A3, CF6-80C2A1, CF6-80C2A2, CF6-80C2A3, CF6-80C2A5, CF6-80C2A5F, CF6-80C2A8, CF6-80C2B1, CF6-80C2B1F, CF6-80C2B2, CF6-80C2B2F, CF6-80C2B4, CF6-80C2B4F, CF6-80C2B5F, CF6-80C2B6, CF6-80C2B6F, CF6-80C2B6FA, CF6-80C2B7F, CF6-80C2B8F, CF6-80C2D1F, CF6-80E1A2, CF6-80E1A3, CF6-80E1A4, CF6-80E1A4/B

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Guide	9225M92P04QQ	9225M92P04	Identicality per 14 CFR § 21.303 <u>DWG No:</u> 383 <u>Rev:</u> None <u>Date:</u> 5/28/99 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3
Guide	99225M92P05QQ	9225M92P05	Identicality per 14 CFR § 21.303 <u>DWG No:</u> 383 <u>Rev:</u> None <u>Date:</u> 5/28/99 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3
Guide	9225M92P06QQ	9225M92P06	Identicality per 14 CFR § 21.303 <u>DWG No:</u> 383 <u>Rev:</u> None <u>Date:</u> 5/28/99 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3
Guide	9225M92P07QQ	9225M92P07	Identicality per 14 CFR § 21.303 <u>DWG No:</u> 383 <u>Rev:</u> None <u>Date:</u> 5/28/99 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3
Guide	9225M92P08QQ	9225M92P08	Identicality per 14 CFR § 21.303 <u>DWG No:</u> 383 <u>Rev:</u> None <u>Date:</u> 5/28/99 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3

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Guide	9225M92P09QQ	9225M92P09	Identity per 14 CFR § 21.303 <u>DWG No:</u> 383 <u>Rev:</u> None <u>Date:</u> 5/28/99 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3
Guide	9225M92P10QQ	9225M92P10	Identity per 14 CFR § 21.303 <u>DWG No:</u> 383 <u>Rev:</u> None <u>Date:</u> 5/28/99 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3
Guide	9225M92P11QQ	9225M92P11	Identity per 14 CFR § 21.303 <u>DWG No:</u> 383 <u>Rev:</u> None <u>Date:</u> 5/28/99 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3
Guide	9225M92P12QQ	9225M92P12	Identity per 14 CFR § 21.303 <u>DWG No:</u> 383 <u>Rev:</u> None <u>Date:</u> 5/28/99 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3
Bolt	9234M17P02QQ	9234M17P02	Identity per 14 CFR § 21.303 <u>DWG No:</u> 384 <u>Rev:</u> None <u>Date:</u> 5/28/99 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3

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Bolt	9234M17P03QQ	9234M17P03	Identity per 14 CFR § 21.303 <u>DWG No:</u> 384 <u>Rev:</u> None <u>Date:</u> 5/28/99 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3
Bolt	9234M17P05QQ	9234M17P05	Identity per 14 CFR § 21.303 <u>DWG No:</u> 384 <u>Rev:</u> None <u>Date:</u> 5/28/99 or later FAA approved revisions	General Electric	CF6-80C2A1, -80C2A2, -80C2A3, -80C2A5, -80C2A5F, -80C2A8, -80C2B1, -80C2B1F, -80C2B2, -80C2B2F, -80C2B4, -80C2B4F, -80C2B5F, -80C2B6, -80C2B6F, -80C2B6FA, -80C2B7F, -80C2B8F, -80C2D1F, -80E1A2, -80E1A3, -80E1A4
Bolt	9273M79P01QQ	9273M79P01	Identity per 14 CFR § 21.303 <u>DWG No:</u> 385 <u>Rev:</u> A <u>Date:</u> 11/8/99 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3
Bolt	9293M49P01QQ	9293M49P01	Identity per 14 CFR § 21.303 <u>DWG No:</u> 386 <u>Rev:</u> None <u>Date:</u> 6/11/99 or later FAA approved revisions	General Electric	CF6-80A, -80A2
Retainer Blade	9318M93P04QQ	9318M93P04	Identity per 14 CFR § 21.303 <u>DWG No:</u> 402 <u>Rev:</u> None <u>Date:</u> 2/18/00 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3

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Retainer Blade	9318M93P05QQ	9318M93P05	Identicality per 14 CFR § 21.303 <u>DWG No:</u> 402 <u>Rev:</u> None <u>Date:</u> 2/18/00 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3
Retainer Blade	9318M93P06QQ	9318M93P06	Identicality per 14 CFR § 21.303 <u>DWG No:</u> 402 <u>Rev:</u> None <u>Date:</u> 2/18/00 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3
Sleeve, Aligning	9646M51P05QQ	9646M51P05	Identicality per 14 CFR § 21.303 <u>DWG No:</u> 302 <u>Rev:</u> None <u>Date:</u> 9/24/98 or later FAA approved revisions	General Electric	CF6-6D, -6D1, -6D1A, -6K, -6K2, -45A, -45A2, -50C, -50C1, -50C2, -50C2B, -50C2D, -50C2-F, -50C2-R, -50CA, -50E, -50E1, -50E2, -80A, -80A1, -80A2, -80A3, -80C2A1, -80C2A2, -80C2A3, -80C2A5, -80C2A5F, -80C2A8, -80C2B1, -80C2B1F, -80C2B2, -80C2B2F, -80C2B4, -80C2B4F, -80C2B5F, -80C2B6, -80C2B6F, -80C2B6FA, -80C2B7F, -80C2B8F, -80C2D1F, -80E1A2, -80E1A3, -80E1A4

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- 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 ICA for the above parts 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 parts. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.

  
Manager,  
Engine Certification Office, ANE-140

  
Steven J. Sykes  
Manager, Manufacturing Inspection  
District Office, ANE-MIDO-41