

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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

PMA NO. PQ0816NE  
 SUPPLEMENT NO. 281 Amdt. 1  
 DATE June 14, 2011

| Part Name    | Part Number     | Approved Replacement for Part Number | Approval Basis and Approved Design Data  | Make Eligibility  | Model Eligibility  |
|--------------|-----------------|--------------------------------------|--|-------------------|--|
| Bolt, D-Head | 649-779-056-0QQ | 649-779-056-0                        | Test and Computations per 14 CFR § 21.303<br><u>DWG No: 410</u><br><u>Rev: B</u><br><u>Date: 02/27/02</u><br>or later FAA approved revisions | CFM International | CFM56-2, CFM56-2A, CFM56-2B, CFM56-3, CFM56-3B, CFM56-3C, CFM56-5, CFM56-5A1/F, CFM56-5A3, CFM56-5A4, CFM56-5A4/F, CFM56-5A5, CFM56-5A5/F, CFM56-5B1, CFM56-5B1/2, CFM56-5B1/2P, CFM56-5B1/P, CFM56-5B2, CFM56-5B2/2, CFM56-5B2/2P, CFM56-5B2/P, CFM56-5B3/2P, CFM56-5B3/P, CFM56-5B4, CFM56-5B4/2, CFM56-5B4/2P, CFM56-5B4/P, CFM56-5B5, CFM56-5B5/P, CFM56-5B6, CFM56-5B6/2, CFM56-5B6/2P, CFM56-5B6/P, CFM56-7B20, CFM56-7B20/2, CFM56-7B20/3, CFM56-7B22, CFM56-7B22/2, CFM56-7B22/3, CFM56-7B22/3B1, CFM56-7B22/B1, CFM56-7B24, CFM56-7B24/2, CFM56-7B24/3, CFM56-7B24/3B1, CFM56-7B24/B1, CFM56-7B26, CFM56-7B26/2, CFM56-7B26/3, CFM56-7B26/3B1, CFM56-7B26/3B2, CFM56-7B26/3B2F, CFM56-7B26/3F, CFM56-7B26/B1, CFM56-7B26/B2, CFM56-7B27, CFM56-7B27/2, CFM56-7B27/3, CFM56-7B27/3B1, CFM56-7B27/3B1F, CFM56-7B27/3B3, CFM56-7B27/3F, CFM56-7B27/B1, CFM56-7B27/B3, CFM56-7B27A, CFM56-7B27A/3 |

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| Bolt, D-Head                | 649-779-057-0QQ | 649-779-057-0                        | Test and Computations per 14 CFR § 21.303<br><u>DWG No: 374</u><br><u>Rev: B</u><br><u>Date: 02/27/02</u><br>or later FAA approved revisions | CFM International | CFM56-2, CFM56-2A, CFM56-2B, CFM56-3, CFM56-3B, CFM56-3C, CFM56-5, CFM56-5A1/F, CFM56-5A3, CFM56-5A4, CFM56-5A4/F, CFM56-5A5, CFM56-5A5/F, CFM56-5B1, CFM56-5B1/2, CFM56-5B1/2P, CFM56-5B1/P, CFM56-5B2, CFM56-5B2/2, CFM56-5B2/2P, CFM56-5B2/P, CFM56-5B3/2P, CFM56-5B3/P, CFM56-5B4, CFM56-5B4/2, CFM56-5B4/2P, CFM56-5B4/P, CFM56-5B5, CFM56-5B5/P, CFM56-5B6, CFM56-5B6/2, CFM56-5B6/2P, CFM56-5B6/P, CFM56-7B20, CFM56-7B20/2, CFM56-7B20/3, CFM56-7B22, CFM56-7B22/2, CFM56-7B22/3, CFM56-7B22/3B1, CFM56-7B22/B1, CFM56-7B24, CFM56-7B24/2, CFM56-7B24/3, CFM56-7B24/3B1, CFM56-7B24/B1, CFM56-7B26, CFM56-7B26/2, CFM56-7B26/3, CFM56-7B26/3B1, CFM56-7B26/3B2, CFM56-7B26/3B2F, CFM56-7B26/3F, CFM56-7B26/B1, CFM56-7B26/B2, CFM56-7B27, CFM56-7B27/2, CFM56-7B27/3, CFM56-7B27/3B1, CFM56-7B27/3B1F, CFM56-7B27/3B3, CFM56-7B27/3F, CFM56-7B27/B1, CFM56-7B27/B3, CFM56-7B27A, CFM56-7B27A/3 |
| ------(END OF LISTING)----- |                 |                                      |  |                   |  |

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| Part Name | Part Number | Approved Replacement for Part Number | Approval Basis and Approved Design Data | Make Eligibility | Model Eligibility |
|-----------|-------------|--------------------------------------|---|------------------|-------------------|
|-----------|-------------|--------------------------------------|---|------------------|-------------------|

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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 ICA for the above parts with their designs. These ICA may refer to those of the respective parts 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

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

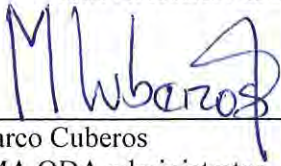
Turbine Kinetics, Inc.  
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**PMA NO.:** PQ0816NE  
**SUPPLEMENT No.:** ODA-TK-046  
**DATE:** October 21, 2016

| Article Name | Article Number  | Approved Replacement for Article Number    | Approval Basis and Approved Design Data   | Make/TCH Eligibility | Model/Series Eligibility   |
|--------------|-----------------|--|---|----------------------|--|
| Bolt, D-Head | 649-779-057-0QQ | CFM International<br>P/N:<br>649-779-057-0 | Tests and Computations per<br>14 CFR § 21.303,<br>Dwg No.: 374,<br>Rev.: B,<br>Dated: 2/27/02,<br>or later FAA approved<br>revisions. | CFM<br>International | CFM56-5B1/3,<br>-5B2/3, -5B3/3,<br>-5B3/3B1, -5B3/P1,<br>-5B4/3, -5B4/3B1,<br>-5B5/3, -5B6/3,<br>-5B3/2P1, -5B4/P1,<br>-5B4/2P1, -5B7,<br>-5B7/P, -5B8/P,<br>-5B9/P, -5B7/3,<br>-5B8/3, -5B9/3,<br>-5B9/2P<br><br>CFM56-7B20E,<br>-7B22E, -7B22E/B1,<br>-7B24E, -7B24E/B1,<br>-7B26E, -7B26E/B1,<br>-7B26E/B2,<br>-7B26E/B2F,<br>-7B26E/F, -7B27AE,<br>-7B27E/B1,<br>-7B27E/B3, -7B27E,<br>-7B27E/F,<br>-7B27E/B1F |

----- 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.



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 Marco Cuberos  
 PMA ODA administrator  
 HEICO Aerospace Corporation

OCTOBER 21, 2016

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 Date

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