



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

Aircraft Certification Service  
Compliance & Airworthiness Division

Fort Worth ACO Branch  
10101 Hillwood Parkway  
Fort Worth, TX 76177

**JUN 07 2018**

In reply refer to: 7F0-18-6167

David R. Corwin  
Council 331  
C/O Turbine Standard, Ltd  
10550 Industrial Rd,  
Holland, OH 43528

Subject: Global Alternative Method of Compliance (AMOC) to Airworthiness Directive (AD) 2017-07-01, Docket Number FAA-2016-9531

Dear Mr. Corwin:

The Federal Aviation Administration (FAA) has received your proposal dated June 1, 2018 proposing a global AMOC to paragraph (i) of AD 2017-07-01. AD 2017-07-01 requires inspection of the propeller pitch control (PPC) on the certain M7 Aerospace model airplanes for proper torque and rework of the PPC assembly to install a secondary retention device.

You are proposing an AMOC to paragraph (i) of AD 2017-07-01 to account for PPC assemblies which already incorporate the threaded shouldered shaft required to add the secondary retention feature. This would prevent unnecessary removal and disassembly of the PPC and prevent excess expense and technical complications to comply with the AD. You propose the following AMOC:

- (1) Gain access to the PPC of each engine. Confirm part number and serial number with the PPC Life Limited Part Log Card or Component Maintenance Modification Record Card. If necessary, originate a new card per applicable accomplishment instructions in Honeywell service bulletin TPE331-72-0180 current revision.
- (2) Visually inspect for the presence and condition of a threaded hole at the splined end of the shouldered shaft on each PPC as necessary to accept the secondary retention feature described in paragraph (j) of the AD.
  - a. If there are no threads or the threads are not in serviceable condition, repair or replacement of the PPC must be accomplished in accordance with Honeywell service bulletin TPE331-72-2190 dated December 21, 2011 and the requirements of AD 2017-07-01. Compliance with this AMOC is not authorized.
  - b. If serviceable threads are found at the splined end of the shouldered shaft hole, the PPC already contains the necessary update to accept the secondary retention feature as specified in paragraph (j) of AD 2017-07-01 and compliance with paragraph (i) is not required.
- (3) Complete paragraph (j) of the AD to incorporate the secondary retention feature.

- (4) Enter the date and statement of compliance with AD 2017-07-01 in accordance with this AMOC in the aircraft records and on the PPC Life Limited Part Log Card or Component Maintenance Modification Record Card.
- (5) Compliance with this AMOC constitutes terminating action to the requirements for the repetitive inspections called out in paragraph (h) of the AD.

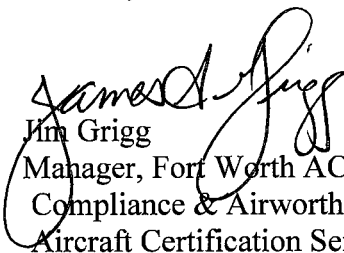
Your proposal provides an acceptable level of safety because the steps outlined in the AMOC meet the intent of AD 2017-07-01. The Fort Worth ACO Branch (ACO) approves your AMOC proposal to paragraph (i) of AD 2017-07-01 as outlined above.

The following limitations apply to this AMOC:

- This approval is applicable to M7 Aerospace LLC SA226-T, SA226-AT, SA226-T(B), SA226-TC, SA227-AC (C-26A), SA227-AT, SA227-BC (C-26A), SA227-CC, SA227-DC (C-26B), and SA227-TT airplanes.
- This AMOC is transferrable with the aircraft to an owner who operates the aircraft under the U.S. registry.
- Before using this AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local Flight Standards District Office/Certificate Holding District Office.
- All provisions of AD 2017-07-01 that are not specifically referenced above remain fully applicable and must be complied with accordingly.

If you have any questions or need additional information, please contact Kristin Bradley at (817)222-5485 [Kristin.Bradley@faa.gov](mailto:Kristin.Bradley@faa.gov) or Justin Carter at (817)222-5146 or [Justin.Carter@faa.gov](mailto:Justin.Carter@faa.gov).

Sincerely,



Jim Grigg  
Manager, Fort Worth ACO Branch  
Compliance & Airworthiness Division  
Aircraft Certification Service

cc: Kristi Bradley, AIR-7F2 COS Specialist