



U.S. Department  
of Transportation

**Federal Aviation  
Administration**

Compliance & Airworthiness Division  
Chicago ACO Branch  
2300 E. Devon Avenue  
Des Plaines, IL 60018

August 29, 2017

Mr. Judson T. Hough  
Hartzell Engine Technologies LLC  
2900 Selma Highway  
Montgomery, AL 36108

Subject: Global Alternative Method of Compliance (AMOC) to Airworthiness Directive (AD)  
2017-06-03

Dear Mr. Hough:

The Federal Aviation Administration (FAA) has received your proposal dated August 7, 2017 proposing a global AMOC to Airworthiness Directive (AD) 2017-06-03 paragraphs (g)(1), (g)(2)(i), (g)(2)(ii), (g)(2)(iii), (g)(2)(iv), (g)(2)(v), (g)(3)(i), (g)(3)(ii), (g)(3)(iii), (g)(3)(iv), (g)(4), and (i)(1).

The Hartzell Engine Technologies (HET) AMOC proposes to overhaul the affected South Wind heaters by installing HET kits, utilizing South Wind Service Manuals with HET Supplemental Maintenance Instructions to inspect and test modified heaters and following HET Supplemental Owner's Manual ES1035 Airworthiness Limitation Section (ALS) for periodic inspections. The following table shows the applicable documents and affected South Wind heater models:

<b>HET Kit P/N</b>	81047	81048	81049	81032	81033	81034
<b>Installation Instructions</b>	IN81047, Rev A, dated 8/4/17	IN81048, Rev A, dated 8/4/17	IN81049, Rev A, dated 8/4/17	IN81032, Rev A, dated 8/4/17	IN8103, Rev A, dated 8/4/17	IN81034, Rev A, dated 8/4/17
<b>South Wind / Meggitt Service Manual (Ref, per AD 2017-06-03)</b>	09-998, revised: December 1969			P.M. 35710		09-1015, issued: April 1975
<b>Supplemental Maintenance Instructions</b>	HET-SM09-998, Rev New, dated 7/11/17			HET-SM35710, Rev New, dated 7/11/17		HET-SM09-1015, Rev New, dated 7/11/17

HET Kit P/N	81047	81048	81049	81032	81033	81034
<b>Applicable South Wind / Meggitt Heaters</b>	8240-A 8240-C	8259-A 8259-C 8259-DL	8259-FL1 8259-GL1 8259-GL2	8240-E	8259-HL1 8259-HL2 8259-L 8259-HR2 8259-JR2 8259-M	8472-C 8472-D 8472-E
<b>Airworthiness Limitations Section</b>	HET Manual ES1035, Rev New, dated 8/25/17					

The Chicago ACO Branch approves your proposal as outlined in your letter dated August 7, 2017, and using the documents in the table above, as a global AMOC to paragraphs (g)(1), (g)(2)(i), (g)(2)(ii), (g)(2)(iii), (g)(2)(iv), (g)(2)(v), (g)(3)(i), (g)(3)(ii), (g)(3)(iii), (g)(3)(iv), (g)(4), and (i)(1) of AD 2017-06-03 for all applicable Meggitt (South Wind) heaters.

The following limitations apply to this AMOC:

- Applicable to Model Series 8240, 8259, 8472 (to include all the variants, except 8472-G).
- This AMOC requires following the instructions outlined in documents titled "Installation Instructions" in the table above including use of the referenced maintenance instructions.
- The AMOC requires incorporation of the HET Supplemental Owner's Manual ES1035, Rev New, dated 8/25/17 Airworthiness Limitations Section identified in the table above.
- Any discrepancies to the AMOC inspections or pressure decay test must still be addressed in accordance with para. h. of the AD.
- This FAA AMOC is transferable with the aircraft to an operator who operates the aircraft under 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.

The preceding paragraph also applies to any applicable foreign-registered aircraft upon transfer of the aircraft to the U. S. registry if compliance with the AMOC has not been accomplished.


All provisions of AD 2017-06-03 that are not specifically referenced above remain fully applicable and must be complied with accordingly.

This AMOC only applies to the FAA AD listed above. The FAA does not have the authority to approve this as an AMOC to any AD issued by another civil aviation authority (CAA). Approval of an AMOC to

another CAA's AD must come from that CAA. A copy of this response will be forwarded to the CAA where these aircraft are registered for their consideration.

If you have any questions or need additional information, please contact Mr. Chung-der Young, at (847) 294-7309, fax (847) 294-7834, or electronic mail at chung-der.young@faa.gov.

Sincerely,



for

Roy E Boffo, III  
Manager Propulsion and Program Management Section,  
Chicago ACO Branch, Compliance & Airworthiness Division  
Aircraft Certification Service

cc: Alabama/Northwest Florida FSDO (Attn: George Castleberry)