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Service Letter

Service Letter No. 051

Alternator - Spare Parts Release HET P/N ES-4024LP-()

1. Planning Information

A. Effectivity

- (1) Continental Motors, Inc. (CMI) type certified aircraft engines utilizing:
 - (a) CMI P/N 654200 alternator.
 - (b) CMI P/N 656955 alternator.
 - (c) CMI P/N ES4024LP-3 alternator.

B. Reason

- (1) Hartzell Engine Technologies LLC is issuing this Service Letter as a notice that an FAA PMA has been obtained for the P/N ES-4024LP, ES-4024LP-2, and ES-4024LP-3 alternators.
- (2) HET alternators now FAA PMA approved:
 - (a) P/N ES-4024LP is an approved replacement for CMI P/N 654200.
 - (b) P/N ES-4024LP-2 is an approved replacement for CMI P/N 656955.
 - (b) P/N ES-4024LP-3 is an approved replacement for CMI P/N ES4024LP-3.
- (3) HET alternators above may be obtained through approved HET distributors.

C. Description

- (1) This publication provides Additional Maintenance Information (AMI).
- (2) The HET PMA alternators are identical in fit, form, and function to CMI P/N alternators as listed in 1.B(2).
- (3) HET P/N ES-4024LP is a 24 volt, 85 amp alternator which may be used to replace CMI P/N 654200 alternator. This unit has a weight of approximately 10.6 lbs.
- (4) HET P/N ES-4024LP-2 is a 24 volt, 85 amp alternator which may be used to replace CMI P/N 656955 alternator. This unit has a weight of approximately 10.9 lbs.
- (5) HET P/N ES-4024LP-3 is a 24 volt, 85 amp alternator which may be used to replace CMI P/N ES4024LP-3 alternator. This unit has a weight of approximately 10.9 lbs.

D. Approval

- (1) This technical publication has been approved by Hartzell Engine Technologies LLC.

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E. Other Publications Affected

- (1) HET OE-A2 Overhaul & Maintenance manual Rev. 05 or later.

F. References

- (1) FAA PMA No. PQ1383CE-D Supplement No. 8.
- (2) Applicable engine maintenance manual (Continental Motors, Inc.)
- (3) HET OE-A2 Overhaul & Maintenance manual Rev. 05 or later. (ICA)

2. Material Information*

(A) As desired for maintenance per CMI application:

One (1) each, alternator, HET P/N ES-4024LP.

One (1) each, alternator, HET P/N ES-4024LP-2.

One (1) each, alternator, HET P/N ES-4024LP-3.

These HET alternator is available through any HET distributor.

* Miscellaneous parts including the alternator belt if required must be obtained through Continental Motors, Inc.

3. Contact Information

- A. All communications regarding Service Letter 051 may be placed through Hartzell Engine Technologies Product Support at +1.334.386.5400 or at +1.334.386.5441. If via Fax +1.334.386.5410.
- B. Written communications regarding Service Letter 051 may be sent to Hartzell Engine Technologies Product Support, 2900 Selma Highway, Montgomery, AL 36108, USA.
- C. If e-mail communication is desired, use techsupport@hartzellenginetech.com. For a copy of this Service Letter, go to Hartzell Engine Technologies website:<http://www.hartzellenginetech.com> and follow instructions or use.