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Fort Lauderdale, 33309, USA
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Service Letter

Service Letter No. 002

**S-20, S-200, S-1200, D-2000, and D-3000
Magneto Assemblies**

1. Planning Information

A. Effectivity

1) Quality Aircraft Accessories (QAA) FXE Facility, Magneto Part Numbers shipped between April 16, 2014 and May 05, 2020 are affected by this Service Letter.

- a) 10-500514-(1, 2), 10-500516-(2, 9), 10-500556-(1, 3, 101, 103, 203),
10-51360-(26, 29(R), 30, 37(R), 45, 46, 54), 10-51365-(33, 39, 46, 47, 48, 57)
10-79020-(6, 10, 11, 16, 18, 118), and BL-500556-(3, 103).
- b) 10-60060-(1,3), 10-600614 -1, 10-600616-(3, 7, 9), 10-600644-(1, 201),
10-600646-(1, 201), 10-600656-(1, 3), 10-163005-(2, 11), 10- 163010-(10 thru 15),
10-163020-3, 10-163020-3, 10-163045-3, 10-163050-(3, 9), 10-163060-1, BL-6006061, BL-
600644-1.
- c) 10-349220-(4, 5), 10-349260-(6, 7), 10-349290-(1, 2, 3, 9), 10-349300-4, 10-349305-(1, 3)
10-349310-(1, 8, 10, 14), 10-349320-4, 10-349350-(4, 5, 6, 7), 10-329365-(3, 6, 9), 10-
349370-4, 10-349490-(2, 3), 10-349510-(2, 3).
- d) 10-382555-14, 10-382555-11, 10-382560-11, 10-682555-11, 10-682555-13, 10-682555-14,
10-682555-15, 10-682560-11, 10-682560-13, 10-682910-13, 10-682910-18, and
BL-682560-18

NOTE: For dual magneto part numbers, refer to Service Letter No. 001 Rev. A or later approved revision.

WARNING

DO NOT USE OBSOLETE OR OUTDATED INFORMATION. PERFORM ALL INSPECTIONS OR WORK IN ACCORDANCE WITH THE MOST RECENT REVISION OF THIS SERVICE LETTER. INFORMATION CONTAINED IN THIS SERVICE LETTER MAY BE SIGNIFICANTLY CHANGED FROM EARLIER REVISIONS. FAILURE TO COMPLY WITH THIS SERVICE LETTER OR THE USE OF OBSOLETE INFORMATION MAY CREATE AN UNSAFE CONDITION THAT MAY RESULT IN DEATH, SERIOUS BODILY INJURY, AND/OR SUBSTANTIAL PROPERTY DAMAGE. REFER TO THE QAA WEBSITE FOR THE MOST RECENT REVISION LEVEL OF THIS SERVICE LETTER.

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B. Concurrent Requirements

- 1) Refer to Service Letter No. 001 Rev. A or later approved revision.

C. Reason

- 1) Internal audits have discovered that a non-conforming condition exists on magneto listed under section 1. A. of this Service Letter.
- 2) This condition could compromise the integrity of the aircraft ignition system.
 - a) This Service Letter is issued to advise the field of this condition and require removal of the magneto assembly.

D. Description

- 1) This Service Letter provides Instructions for Continued Airworthiness (ICA).

E. Compliance

- 1) At the next overhaul, but no later than 5 years, whichever occurs first from the original published date of this service letter, remove the affected magneto and perform Accomplishment Instructions of this Service Letter.
- 2) Compliance with the Accomplishment Instructions in this Service Letter is the terminating action for this Service Letter.

F. Approval

- 1) This Service Letter has been approved by Quality Aircraft Accessories.

G. Manpower

- 1) No additional labor is required when
 - a) Gaining access and removing the magneto.
 - b) Installing the magneto and Return to Service.

H. Weight and Balance

- 1) No change.

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I. Electrical Load Data

- 1) No Change

J. References

- 1) Applicable Magneto Overhaul Maintenance Manual
- 2) Applicable Aircraft/Engine publications or Maintenance Manual
- 3) Applicable Aircraft AFM or POH.

2. Materials Required

- A. None

3. Accomplishment Instructions

WARNING 1

THIS PROCEDURE MUST BE PERFORMED BY COMPETENT AND QUALIFIED PERSONNEL WHO ARE FAMILIAR WITH ENGINE AND AIRFRAME MAINTENANCE THAT IS SPECIFIC TO THE ENGINE MAGNETO SYSTEM. FAILURE TO DO SO MAY RESULT IN ECONOMIC LOSS, EQUIPMENT DAMAGE, AND/OR PHYSICAL INJURY.

WARNING 2

DO NOT USE OBSOLETE OR OUTDATED INFORMATION. PERFORM ALL INSPECTIONS OR WORK IN ACCORDANCE WITH THE MOST RECENT REVISION OF THIS SERVICE LETTER (SL) AND THE APPLICABLE AIRCRAFT MAINTENANCE MANUAL AND/OR ENGINE SERVICE INSTRUCTIONS. INFORMATION CONTAINED IN THESE MANUALS OR THIS SL MAY BE SIGNIFICANTLY CHANGED FROM EARLIER REVISIONS. REFER TO THE APPLICABLE ENGINE MANUFACTURER'S PUBLICATIONS AND/OR AIRCRAFT MAINTENANCE MANUAL INDEX FOR THE MOST RECENT REVISION LEVELS.

CAUTION

AIRCRAFT AND ENGINE ACCESS REQUIRES THE USE OF APPLICABLE MANUFACTURER'S MAINTENANCE MANUAL OR SERVICE INSTRUCTIONS. IN ADDITION, ANY PREFLIGHT OR IN-FLIGHT OPERATIONAL CHECKS REQUIRE USE OF APPROPRIATE AFM OR POH.

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A. Inspection

- 1) If effectivity of the magneto cannot be established using aircraft or engine maintenance records, utilize the applicable aircraft maintenance manual to gain access to the Magneto assembly and inspect the Magneto part number listed under section 1. A. of this Service Letter.
 - a) If magneto part number is affected, continue to 3.B. – Corrective Action.
 - b) If the magneto part number is not listed under Section 1. A., continue to 3.C. – Return to Service.

B. Corrective Action

- 1) Remove the magneto assembly in accordance with the latest revision of the aircraft and/or engine manufacture's maintenance manual.
- 2) Return the magneto to QAA for overhaul. Proceed to 4.A. – Contact Information.
- 2) Utilizing the applicable aircraft and/or engine manufacture's maintenance manuals, install the repaired magneto assembly and proceed to 3.C. – Return to Service.

C. Return to Service

- 1) Close all access doors and covers opened to gain access to the magneto in accordance with applicable airframe and/or engine maintenance manual.

4. Contact Information

A. Contact QAA Customer Service for all communications regarding the technical content of this Service Letter.

- 1) Phone +1.954.493.9262
- 3) Email at info@gaa.com
- 4) Address

Quality Aircraft Accessories

1072 NW 53rd St.

Fort Lauderdale, FL 33309, USA.