



November 5, 2020

Covington Aircraft Engines, Inc.

Document Title: NTSB Inspection Report (N7900V)

Engine Work Order: 12334

Customer Information: NTSB

Magneto Information: Model: American Bosch, SB9RU-3

Magneto Serial Numbers: BB-3486 & BB2831

Type of Incident: Unknown

Previously Overhauled By: S/N: BB-3486 by Covington;
S/N: BB2831 by Unknown Over hauler

Reason for Magneto Removal: Unknown

Personnel Present for Inspection:
Timothy D. Wells – FAA SWFSDO OKC, PMI
Blaine Abbott – Covington Aircraft, Radial Engine Technical Advisor

Date of Inspection: 10-29-2020

Magneto Inspection Report

General Summary:

FAA Inspector Timothy Wells hand delivered 2ea. Magnetos for Inspection and Testing, S/N. BB-3486 & BB2831.

*The Magneto conditions as received (see photos 1 thru 8):

- Magnetos are in good condition, no damage or anomalies noted to the exterior condition.

*The Magnetos coil covers, point covers, and harness blocks were removed to facilitate inspection of interior of magnetos:

- No visible damage or anomalies noted.

*The magnetos placed on the Test Stand to verify operational condition:

- The magnetos performed with no modifications or adjustments. They were operated thru all RPM ranges with maximum point gap.

Report #: 12334

Magneto Inspection REPORT



November 5, 2020

Covington Aircraft Engines, Inc.

- No issues or anomalies noted during the operational checks.

Note: Magnetos S/N BB-3486 & BB2831 ran on the Covington Aircraft Test Stand for a period of 20 minutes each at 2150 rpm.

Note: It will be noted that all photos have a date stamp of 10/28/2020. This is due to the internal date setting of the camera used, which was one day out of sync with the date of inspection.



Photo # 1 Package as received



Photo # 2 Package opened Mags as wrapped



Photo # 3
Data Plate of S/N: BB2831, SB9RU-3
Unknown Over Hauler



Photo # 4
Data Plate of S/N: BB-3486 SB9RU-3
Covington Aircraft Overhaul



November 5, 2020

Covington Aircraft Engines, Inc.



Photo # 5

Magneto physical condition as received S/N: BB2831
Unknown Over Hauler

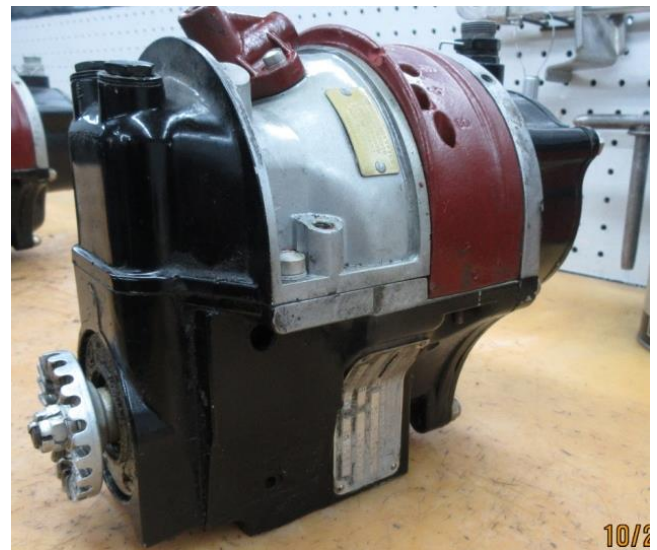


Photo # 6

Magneto physical condition as received S/N: BB-3486
Covington Aircraft Overhaul



Photo # 7

Magneto Points and Breaker Assembly as received
S/N: BB2831
Unknown Over Hauler



Photo # 8

Magneto Points and Breaker Assembly as received
S/N: BB-3486
Covington Aircraft Overhaul



November 5, 2020

Covington Aircraft Engines, Inc.

Conclusion:

After the complete visual inspection and operational checks were completed, no issues or anomalies were present. It was determined that the Magnetos are in serviceable condition.

Regards,



Blaine Abbott
Technical Advisor
Covington Aircraft, Engines, Inc.