



November 28, 2016

Mr. Jaime Pagan  
FAA-FSDO

[REDACTED]  
Oklahoma City, OK 73108

Dear Mr. Pagan,

I am writing to document the findings from the inspection of DFN magneto s/n 5675 during your visit on November 18, 2016. Utilizing the test procedures from the ***Bendix Scintilla DFN Magneto Service Manual*** dated 4/46, we did test runs on the subject magneto. These test results are documented on the attached *Radial Engines, Ltd. Magneto Assembly Inspection-Worksheet*.

No malfunctions or anomalies were found during any of these tests. If you have questions please feel free to contact me.

Sincerely,

[REDACTED]  
Steve Curry, President  
Radial Engines, Ltd.

[REDACTED] GUTHRIE OK 73044



Radial Engines, LTD.

Guthrie, OK 73044

www.radialengines.com

FAA CERTIFIED REPAIR STATION

MAGNETO ASSEMBLY  
INSPECTION-WORKSHEET

DATE ISSUED 11-18-16 REPAIR ORDER NO. N/A  
MODEL DFW TYPE Bendix SERIES N/A  
PART NO. 10-8038-15 SERIAL NO. 5675  
REPAIR INSTRUCTIONS: Functional Test

PRELIMINARY INSPECTION: N/A.

CASE	END PLATES	DIST FINGER
CONDENSER	ROTAT/MAGNET	CAM
ELECTRODES	POINTS	COIL
GEARS	SHAFTS	BEARINGS
ROTOR	INSULATORS	SPRINGS
SEALS	BRUSHES	HARDWARE
MOUNT FLANGE	DRIVE	THREADS

ITEM REPAIR DESCRIPTION: Did not replace anything

REPLACED PARTS LIST:


ROTATING MAGNET RECHARGED: YES ( ) NO (☒)CASE RESEALED: YES ( ) NO (☒)COIL TESTED: YES (☒) NO ( )COIL REWAXED: YES ( ) NO (☒)DISTRIBUTOR FINGER CLEANED, CHECKED, WAXED, AND BAKED: YES ( ) NO (☒)

FUNCTIONAL TEST RESULTS:

THREE (3) MINUTE INITIAL RUN 250 rpm, 500 rpm, 1000 rpm, 2,200 rpmRUN COMING IN SPEED 100 rpm ADVANCED full RETARD N/AFIVE (5) MINUTE RUN 3000 rpm AMMETER READS 2.3 ampsHEAT RUN: 1 1/2 hr. RPM 2500 TEMP 165° GAP 9mm SPARK consistentREPAIRED AND/OR OVERHAULED LAW: Bendix Scintilla Manual Form: L-91-3.

WORK ACCOMPLISHED BY

INSPECTED BY: