

Aircraft Magneto Service

Missoula MT 59808

NTSB WPR16FA170: Magneto Examination
August 31, 2016

Examination results:

TESTED MAGNETO
Bendix S6RN-205
S/N 637256

REF. Magnetos from C-182 Rock Creek Airport crash, Clinton, MT.

- Removed P-Leads from Magnetos for testing
- P-Lead was melted into cover. Required removal of cover and transferred condenser into test cover for test run.
- Tested magneto cold.
- 75RPM coming in speed
- Run up to 3750RPM with 10mm gaps, not missing.
- Heated magneto to 185 degrees F. in lab oven and re-tested.
- This magneto runs normally in all configurations.

TESTED MAGNETO
Bendix S6RN-201
S/N 643371

REF. Magneto from C-182 Rock Creek Airport crash, Clinton, MT

Removed P-Lead and retard lead for testing.

This magneto is inoperable due to intense heat from fire. The internals are melted at the cam follower, and primary coil wire is burnt. No output on test.

MAGNETOS GENERAL CONDITION:

Both magnetos have appropriate RED JACKETED COILS

Both magnetos have OLD condensers, OLD blocks and OLD contacts.

Both magnetos have Brass Inserted Magnets that should have been REMOVED by **AD94-01-03**

Magneto technician: printed name CLIFTON ORCUTT A/P

Magneto technician: signed name [Signature]

Date of examinations: 31 AUGUST 2016