

FLY RENO

500 Hour Inspection Details

**** SOME MAGNETOS MAY REQUIRE AN OVERHAUL DUE TO AGE, QUALITY AND CONDITION OF THE MAGNETO****



Bendix S20/ S200 Series Mags

- Comply with ALL ADs, and Service Bulletins
- Measure endplay of bearings (.000 to maximum of .002)
 - complete disassembly of the mag.
 - housings checked for cracks, spun bearings, pulled threads
 - distributor block and breaker cam oil bathed in 10-400550 oil at 200 degrees for 3 hours (early style blocks that require a water proof dip are automatically changed since dip is no longer produced)
 - replace all distributor block felt packing
 - oil felt washer with 10-400550 oil
 - coil measured .5 ohms primary/ 15k ohms secondary
 - coil clamps must have half moon or FAA/PMA mark
 - Impulse Coupling Cam check for loose washers/ rivets and measure axial to flyweight (.014 Max)
 - inspect distributor gear for wear, discoloration, loose washers/ electrode finger, measure distance shaft to finger. Change out all capture washer distributor gears per SB-658.
 - replace capacitor.
 - replace contacts
 - clean and inspect bearings
 - recharge rotor
 - replace all hardware, oil seal, slinger
 - time and test run hot



Bendix S1200 Series Mags

- Comply with ALL ADs, and Service Bulletins
- complete disassembly of the mag.
 - housings checked for cracks, spun bearings, pulled threads
 - distributor block and breaker cam oil bathed in 10-400550 oil at 200 degrees for 3 hours (early style blocks that require a water proof dip are automatically changed since dip is no longer produced)
 - replace all distributor block felt packing
 - oil felt washer with 10-400550 oil
 - coil measured .5 ohms primary/ 15k ohms secondary
 - inspect distributor gear for wear, discoloration, loose washers/ electrode finger, per SB-658.
 - Impulse Coupling Cam check for loose washers, rivets and measure axial to flyweight (.014 Max)
 - replace capacitor.
 - replace contacts.
 - replace bearings.
 - recharge rotor.
 - replace all hardware, slinger, snap rings
 - time and test run hot



Slick 4300/6300 Series

- Comply with all ADs, and Service Bulletins
- Complete disassembly of the magneto
 - Parts change included with inspection-contacts/cam/rotor gear/bearings/oil seal/carbon brush/hardware.
 - The remaining parts are inspected for wear, damage and their ability to function to spec/manufacture requirements, and replaced if needed.
 - Clean and inspect housings for cracks, spun bearings, and pulled threads
 - Oil bath distributor block and support bracket
 - Recharge rotor magnet.
 - Test run HOT.
 - Average cost \$400-\$450 (labor and included parts)
 - Inspections come with a 500 hour warranty
 - 4200 and 6200 series slicks, call for options.

500 Hour Inspections are highly recommended to extend the life of your mags AND provide safe flying!