

Subject: Engine Inspection, N2880W

Date: 9/19/2018

Location: Beagles Aircraft

Inspectors present for inspection: Haitham Dhiyab, Rich Bludnick

Items inspected on engine:

- 1) Spark plugs removed
- 2) Oil filter removed and cut open for inspection
- 3) Removed flow divider and disassembled for inspection
- 4) Removed fuel pump and disassembled for inspection
- 5) Removed fuel pump supply line
- 6) Removed injector fuel supply line
- 7) Removed magneto. Cap removed and inspected inner area of cap and points.
Magneto output checked by means of turning engine by hand and observing spark from spark plug connectors
- 8) Removed and inspected engine air filter and air box assembly
- 9) Performed compression test
- 10) Removed fuel selector filter for inspection
- 11) Removed fuel injector screen for inspection
- 12) Removed propeller spinner for inspection
- 13) Noted- magneto "P" leads were both disconnected from magneto
- 14) Inspected magneto secondary ignition (spark plug) wires for condition
- 15) Checked engine oil level
- 16) Noted- Beagles personnel stated they had drained 70 gallons of fuel from aircraft prior to transport
- 17) Note-Beagles personnel stated they had done a fuel drain sump check-no water noted

Negative findings from inspection:

- (1) Left side of magneto not producing any spark. Noted points for left side were not opening.
- (2) Compression check on cylinder #2 showed 20/80. All other cylinders within normal specifications. Cylinder #2 showed oil in cylinder/combustion chamber.
- (3) The following spark plug locations showed oil: Cylinder #2-lower plug, Cylinder #6-lower plug. Have photos of these spark plugs.