



MEMORANDUM for RECORD

Ralph E. Hicks
Senior Air Safety Investigator
Eastern Region Aviation

Date: May 12, 2016
Engine Examination – N7620B - Peachtree City, GA
NTSB Accident Number: ERA16LA172 – Tyrone, GA

The engine from N7620B, a Champion 7BCM, was examined at the facilities of the Dixie Wing of the Commemorative Air Force, Peachtree City, GA on May 12, 2016. Performing the examination were this investigator and Inspectors Danny Cox and Steven Davidson from the Atlanta Georgia FAA FSDO.

- The engine was found intact and still attached to the airframe by the engine mount. External examination of the engine case and cylinders revealed no evidence of rupture or breach.
- All four top spark plugs were removed. The electrodes were normal in wear when compared to a Champion Check-A-Plug chart. The electrodes were coated with a thin layer of black soot.
- The engine was turned through manually using the propeller. Suction and compression were observed on all cylinders and valve action was correct.
- The carburetor was removed and disassembled. The fuel bowl was clean and free of contaminants. No water was noted. The bowl contained a small amount of fuel. All carburetor components were normal in appearance.
- The air intake to the carburetor was unobstructed.
- The magnetos were turned manually and produced a spark at all leads.
- The ignition harness was normal in appearance with no fraying or cuts noted.

