



MEMORANDUM for RECORD

Ralph E. Hicks
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Eastern Region Aviation

Date: December 4, 2018
Wreckage Examination – N111TA, PA-28-180
NTSB Accident Number: ERA19LA052 – Barnesville, GA

The wreckage of N111TA was examined at the facilities of Atlanta Air Recovery, Griffin, Georgia on December 4, 2018. Sr. ASI Ralph Hicks conducted the examination with the assistance of FAA Inspector Mike Pupek and AAR staff.

- The fuselage was generally intact. Both wings were cut off near the wing roots by recovery personnel. The right wing exhibited leading edge crushing signatures from contact with trees. The aileron cables were cut by recovery personnel. The aileron cables were connected to the ailerons and the ailerons were connected to the attachment points on the wings.
- Aileron cable continuity was established from the cut ends at the wing roots to the control yokes.
- Elevator and rudder continuity was confirmed from the control surfaces to the cockpit controls.
- The vertical stabilizer, rudder, and stabilator were undamaged.
- The engine remained attached to the firewall. The metal, fixed pitch propeller remained attached to the crankshaft. The engine was turned through manually by turning the propeller. Internal engine continuity was confirmed. Compression and suction were observed on all cylinders. Valve action was normal on all cylinders. The engine contained oil.
- Both spark plugs were removed from each cylinder. They were normal in color and wear when compared to a Champion inspection chart.
- The carburetor was intact. The venturi and floats were in place and undamaged. The gascolator was drained and it contained about 1 oz of clean, blue-colored fuel.

- Both magnetos produced a visible spark at all leads when rotated.

Note: The stall warning light was tested by AAR staff on 2/4/2019. The light operated normally when tested. The airplane was not equipped with a stall warning horn.