



MEMORANDUM for RECORD

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Date: March 1, 2017
Engine Examination (N3701M)
NTSB Accident Number: ERA17LA016 – Albrightsville, PA

This investigator traveled to the Jabiru USA facility at Shelbyville, Tennessee to observe the examination of the Jabiru 3300 engine from N3701M:

- The engine was mounted on a test stand for the run.
- There was some impact damage to the engine. The engine mounts were bent and the propeller flange had a very slight deformation.
- The carburetor was filled with oil due to the engine being shipped inverted. The carburetor was removed and the oil was cleaned out. There was no water and no contaminants inside the carburetor other than the engine oil. The carburetor was then reinstalled.
- The No. 3 cylinder rocker cover was dented from impact and was replaced with a spare for the run.
- Dried blue residue with the appearance of fuel staining was observed on the outside of the carburetor bowl; however, the carburetor did not leak.
- The test stand was moved outside for the test run. The engine started on the first attempt after engaging the starter for about 2 seconds. The engine initially emitted oily smoke (light blue/gray color) which cleared after about 8 seconds of operation. The engine was run for about 6 minutes and 30 seconds with no anomalies noted. The engine was run to a peak rpm of 2,670 and oil temperature and pressure were within the green bands. The run was terminated by the investigation team.

