

**Inspector statement Michael J. Pieczynski Accident KBUU N6849B on
scene aircraft inspection August 10, 2020**

August 10, 2020 at approximately 1030 local time this inspector arrived at KBUU to assist in the inspection of aircraft N6849B that was involved in an accident August 9, 2020 at approximately 1440 local time.

The aircraft was recovered from the accident scene the day prior to this inspection and placed into a hangar at Burlington Municipal Airport (KBUU) in Burlington Wisconsin. One of the individuals that was related to the pilot stated that the pilot told him that during takeoff he was only able to obtain approximately 2100 RPM and that the Pilot had a difficult time climbing after takeoff.

The aircraft has been destroyed due to impact. The engine mounts and engine were cracked and partially detached from the airframe. The propeller had very small amounts of damage and had the appearance that the aircraft was not under power at the time of impact. The interior was destroyed by impact and first responder recovery. The vertical stabilizer was bent to the right from impact. A basic compression check was completed and revealed all 4 cylinders had compression. The spark plugs were removed and inspected with normal wear. It is noted that there was a small amount of fuel in the No.1 cylinder when the spark plugs were removed. The wings were cut off during the recovery. Flap and aileron continuity was established by visual inspection. Rudder and elevator continuity was established by movement. The engine throttle, mixture were seized during impact however were verified connected by inspection. The carburetor heat was in the off position. The engine was removed for inspection. The magnetos were removed and were checked for spark only, which was verified. Right magneto P/N 10-51360-29 type Bendix S4LN-20, Left Magneto P/N 10-51360-37 Type 84LN-21 with impulse coupler attached. The "P" leads were pulled out of the fuselage to magneto splices due to impact. There was also a shower of sparks capacitor system installed onto the fire wall. There was no

fuel in the fuselage tank however the person that recovered the aircraft noted a few gallons of fuel spilled out of the wing tanks when the aircraft was righted at the scene.

The airworthiness certificate and registration was not found on board the aircraft. The aircraft records have not been reviewed to determine maintenance and inspection status as of 08/13/2020 and will not be reported in this statement.

This inspection has not determined the cause of the reported power issue.