

Inspectors Statement Kenneth L Bain Richmond FSDO

Investigation of Cessna 150F, N6789F, S/N 15063389.

Date of Investigation 02/14/2019

Location of Investigation Island Bay Lane, Knots Island, NC.

Upon our arrival at scene, the aircraft had just been removed from a marsh by rotorcraft. The aircraft was lying on the ground, inverted, with little obvious damage other than the nose landing gear appeared to be partially detached from the engine mount structure.

After the recovery crew lifted the aircraft onto its landing gear, I began my inspection. The following items were noted:

- 1) The engine cowling was removed and the nose gear attach at the engine mount was damaged.
- 2) Flight control continuity was confirmed.
- 3) Both wing fuel tanks were empty.
- 4) All engine control operations were confirmed.
- 5) No obvious defects to engine were noted.
- 6) Upper spark plugs were removed and appeared normal.
- 7) Cylinder compression was verified using the thumb method.
- 8) Oil sump appeared to be full and oil coloration appeared new.
- 9) Carburetor air box had no obstructions.
- 10) Valve train continuity confirmed.
- 11) Magneto spark was confirmed.
- 12) Approximately one cup total of fuel was drained from the system at the strainer.
The fuel appeared to be a yellow color but smelled of 100 low lead.
- 13) The fuel selector was found to be in the on position.
- 14) Both fuel caps were inspected. The gaskets appeared to be intact.