



U.S. Department
of Transportation
**Federal Aviation
Administration**

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FAA Inspector Statement, After Accident Aircraft Inspection

Accident Aircraft ID: N867TG
Aircraft Certificate Type: Experimental Exhibition
Aircraft Manufacture: Tumbling Goose LLC
Aircraft Model: 12S (bi-plane)
Aircraft Serial No: 353
Aircraft Engine: Vedeneyev M14-P, Ser. No. 221029
Time on A/C and Engine: Less than 10 hours
Inspection Date: July 13, 2016
Inspection Location: Tangerine Airport (FL97); 5354 Cometary Rd Zellwood, FL 32798

I and a Maintenance Inspector met with the pilot/owner and the aircraft builder to go over the aircraft in hopes of finding the causes for the aircraft accident.

Flight controls continuity could not be confirmed because of accident severity and damaged cause by aircraft removal from accident scene. The pilot provided that he believes that all flight controls were working at time of accident.

Engine controls were checked and all three appeared to be intact (throttle, prop, mixture) up to the control arms at the engine. The pilot provided that he believes that all aircraft systems were working except the throttle, continuing by saying that he could get bursts of power by momentarily activating the electric fuel boost pump.

Fuel had been removed from the aircraft at accident scene by the local fire department because of a fuel leak. However small amounts of fuel could be found in the tanks, lines and components running up to the fuel servo with no blockages found. Operation of the servo could not be confirmed due to damage and position of the engine/aircraft.

Blockage of the induction system was not found.

Operation of the ignition system could not be confirmed due to damage.

No other parts or systems were inspected.

Note: This is an experimental engine and was so noted in the aircraft records. The original ignition system had been replaced at overhaul with an experimental electronic system installed by Barrett Precision Engines and the original carburetor was replaced with an experimental Airflow Performance System also at overhaul.

July 19, 2016
Billy J. Meadows, Aviation Safety Inspector
[REDACTED]