

From: [REDACTED]
To: [REDACTED]
Subject: N4219B
Date: Thursday, August 13, 2020 6:35:43 AM

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Regards Courtney Leidler,

This is the result of my evaluation, a cause could not be determined because everything operated properly.

July 30, 2020 N4219B 3509 Nassau Ct.Granbury Tx. 76049

after arriving I first activated the battery relay it checked ok, then went inside and found the fuel pump switch in the on position .Then I checked the battery switch and it also checked ok. I did not have a key to turn on the power so I inspected the key switch for problems and found broken wire to the bus providing the master switch a ground. Later the key was provided and I turned on power. found the battery system working properly. I reconnected to the broken wire and nothing changed; it operates without failure. I conned the cooler to the aircraft and turned on the power several times and it did not fail. Electrical system checks ok.

Removed spark plugs to check compressions ,spark plugs where all badly worn, compressions where as follows 1/30 2/40 3/55 4/20 5/30 6/30 checked ignition system for operation all the magneto leads fired properly except #3 and #4 bottom. they had no spark.

Removed the fuel screen and found it was badly corroded in place, and after removal appeared to be clogged more than 80 %. The fuel did smell like AV gas but there was not enough fuel to determine for sure. The wings were not there and had been cut off using a saber saw.

Checked the emergency power system , there was no battery installed.

Removed Oil filter , Automotive filter installed, cut open filter found to be clean.

No apparent cause of the failure could be found.

Robert Vondersaar [REDACTED]

[REDACTED]
8/5/2020