

The following individuals were involved in the inspection of Cessna 172N, Serial Number 17269536.

Robert Michaelson, FAA Aviation Safety Inspector from the Riverside, CA Flight Standards District Office.

Andrew Hall, Textron Aviation Chief Air Safety Investigator.

Mark Platt, Lycoming Engines Sr. Air Safety Investigator.

The following items were found during the inspection of the aircraft conducted at Palm Springs International Airport. Pictures were taken to document the findings of the aircraft inspections.

1. Left flap appears to be in a down position.
2. Right flap appears to be full up position.
3. The flap control handle is approximately at 30 degrees.
4. Elevators and rudder appear to be functioning normally.
5. Ailerons appear to be functioning normally/
6. Flap motor and flap drive are in the full up position.
7. Flight control continuity appears to be intact.
8. ELT battery sticker shows it was due for replacement in 2017.
9. Hobbs meter shows 1917.5 hours.
10. Oil filter was installed on September 26, 2020.
11. While rotating the engine it appears that the camshaft has a flat lobe.
12. Valve tappets have indications of pitting and spalling.
13. There is an Airworthiness Directive which requires an oil additive for the engine. Need to verify if it is being complied with or the AMOC is being accomplished.
14. Magneto is functioning properly.
15. Carburetor interior appears normal.
16. Airbox indicates the carb heat was on, but the knob in the cockpit is at full cold.
17. Fuel selector valve is close to the both position, it may have been moved by the crash impact.
18. Large metal flakes on the oil sump screen.

Robert Wallace Michaelson

Digitally signed by Robert Wallace
Michaelson
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Robert Michaelson Aviation Safety Inspector