



MEMORANDUM FOR RECORD

Eleazar Nepomuceno
Aviation Accident Investigator
National Transportation Safety Board
Office of Aviation Safety – Western Pacific Region

NTSB Accident Number: WPR19LA179
Aircraft Registration & Make/Model: N6116M, Stinson 108-3
Accident Location: Caldwell, ID
Accident Date: 6/27/2019

Narrative:

The following is a synopsis of the information provided by Ian Hansen, Federal Aviation Administration (FAA) Inspector, in an email on July 17, 2019, at 1505 MDT.

The inspector reported that during a quick post-accident evaluation of the engine, it revealed significant amounts of metal debris, consistent with ferrous and non-ferrous metals, on the oil dip stick tube and cap. The airplane came to rest inverted, and its orientation prevented him from taking an oil sample. The airplane had an automotive remote bypass oil filter system installed. According to the pilot, the automotive filter and oil was changed by the pilot right before the accident flight. Both the old (removed) and currently installed filters are with the airplane. The engine was overhauled about 6 flight hours before this accident. This engine has several (what appears to be) unapproved and unsafe alterations incorporated into it. The aircraft belly showed signs of a significant oil leak prior to that accident. Based on this information, the inspector believes that it might be a good idea to teardown this engine, as a mechanical failure seems very possible in this accident. Airplane records were retained by the inspector.