



MEMORANDUM FOR RECORD

Eric Alleyne
Air Safety Investigator
National Transportation Safety Board
Office of Aviation Safety - Eastern
Region

NTSB Case Number: ERA22LA372
Model/ Thomas Flyer/ N39MK
Date: 9/19/2022
FAA inspector: Thomas Cote
Mechanic: Karl Erickson
Subject: Examination of the engine
and fuel system

During a telephone discussion with inspector Thomas Cote and Mr. Karl Erickson (aviation mechanic), the following examination observations were discussed.

During the examination of the engine, it was noted that the propeller could not be turned 360 degrees due to propeller damage. Valvetrain continuity was observed during the partial movement of the propeller. The spark plugs were removed and showed signs of normal wear. The carburetor was broken off the engine and disassembled for examination, which revealed a trace amount of debris at the bottom of the fuel bowl.

Inspector Cote reported that he checked the fuel tanks and observed sufficient fuel for flight. The airplane was not defueled, so the exact amount of fuel in the tanks was undetermined. Inspector Cote was informed that the Department of Environmental Protection reported about 5 gallons of fuel had spilled from the right fuel tank and had to be cleaned up.

Postaccident examination of the airplane did not reveal any evidence of any preimpact failures or malfunctions that would have precluded normal operation.