



RECORD OF EXAMINATION

Mitchell Gallo
Aviation Accident Investigator
Central Region

Exam Performed By: Philip Grice, Continental Aerospace Technologies

NTSB Accident Number: CEN19LA319

Due to impact damage of the engine, an engine run was not performed. A post-accident disassembly examination of the engine at Continental Motors, Mobile, Alabama, confirmed engine drive and valve train continuity to the accessory section. There was no failure of the internal engine components or abnormal wear signatures. Magneto to engine timing was within specifications for the engine make and model. Internal magneto timing of both magnetos was confirmed to be within the magneto manufacturer's specifications. All fuel lines were intact, secure, and exhibited no evidence of leakage. There was no contamination/debris within the engine fuel system. Bench testing of the fuel servo and the fuel pump met test specifications. Disassembly of the fuel pump revealed its internal diaphragm was pliable. Testing of the fuel injectors revealed a normal spray pattern. The turbocharger system was not examined.

Mitchell Gallo