



RECORD OF EXAMINATION

Mitchell Gallo
Aviation Accident Investigator
Central Region

NTSB Accident Number: CEN18LA084

Location: Continental Motors, Mobile, Alabama

Participants: Daniel Boggs, National Transportation Safety Board, Air Safety Investigator
John Kent, Continental Motors, Air Safety Investigator

Date: January 31, 2018

Narrative:

Post-accident examination of the engine revealed the engine was intact with all the accessories attached. The exhaust and metering unit had been removed. A large hole was observed in the left crankcase half over the number two-cylinder attachment point, and a small hole was observed in the right crankcase half over the number five-cylinder attachment point. Cylinders two, four, and six were Continental Cylinders and had chrome markings. Cylinders one, three, and five were ECI cylinders.

The number 2 main bearing shifted in the bearing saddle cutting off the oil supply to the number 2 rod cap bearing. The number 2 connecting rod separated from the connecting rod journal on the crankshaft. The number 2 rod journal on the crankshaft was very dry and partly melted. The number 2 rod cap bearing was melted and most of it was found in the oil sump.

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