

National Transportation Safety Board

Office of Aviation Safety

Washington, DC 20594



CEN22LA349

EXAMINATION SUMMARY

September 8, 2022

A. ACCIDENT

Location: Knox, Indiana
Date: 07/26/2022
Time: 1330 CDT
Aircraft: Schweizer Aircraft Corp G-164B; N629EH

B. EXAMINATION SUMMARY

IIC	Aaron Sauer NTSB Denver, CO
Participants	Todd Davis Federal Aviation Administration Milwaukee, WI Eric Gates Pratt & Whitney Menomonie, WI

SUMMARY:

On July 26, 2022, about 1330 central daylight time, a Schweizer Aircraft Corporation G-164B airplane, N629EH, sustained substantial damage when it was involved in an accident near Knox, Indiana. The pilot was not injured. The airplane was operated as a Title 14 *Code of Federal Regulations* Part 137 aerial application flight.

ENGINE:

The airplane and engine were recovered by Myers Aviation, Oshkosh, Wisconsin, and transported to their facility. The recovery personnel stated that when they removed the airframe to engine main fuel line (for recovery purposes), the fuel line contained a lot of fuel. Given the recovery conditions in the field, they were unable to capture any of the draining fuel to determine quantity.

An initial examination of the engine revealed no anomalies with the core of the engine. Earthen debris was noted inside the compressor and power turbine sections. The aircraft records were reviewed and photographed. Based on the decision for further examination activities, the examination included the removal of the engine air lines and accessories; to include the fuel control unit, fuel pump, start control unit,

propeller and overspeed governors, for pending examination and testing. All observed fuel and oil filter screens were clear of contaminants. The engine was to be shipped to the manufacturer for disassembly at an undetermined date.

PROPELLER:

All three propeller blades were bent aft and found loose in the propeller hub. The blades displayed leading edge damage and chordwise scratching.

Submitted by:

Aaron Sauer
Sr. Air Safety Investigator