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Subject: CEN23FA155
Accident Site and Wreckage Examination

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The accident site was located in a rock quarry that was owned by the pilot and his family. Examination of the accident site showed that the airplane collided with the 75-ft tall rock wall. Impact marks showed that the airplane impacted the wall about 20 ft below the top of the wall. See photo 1.

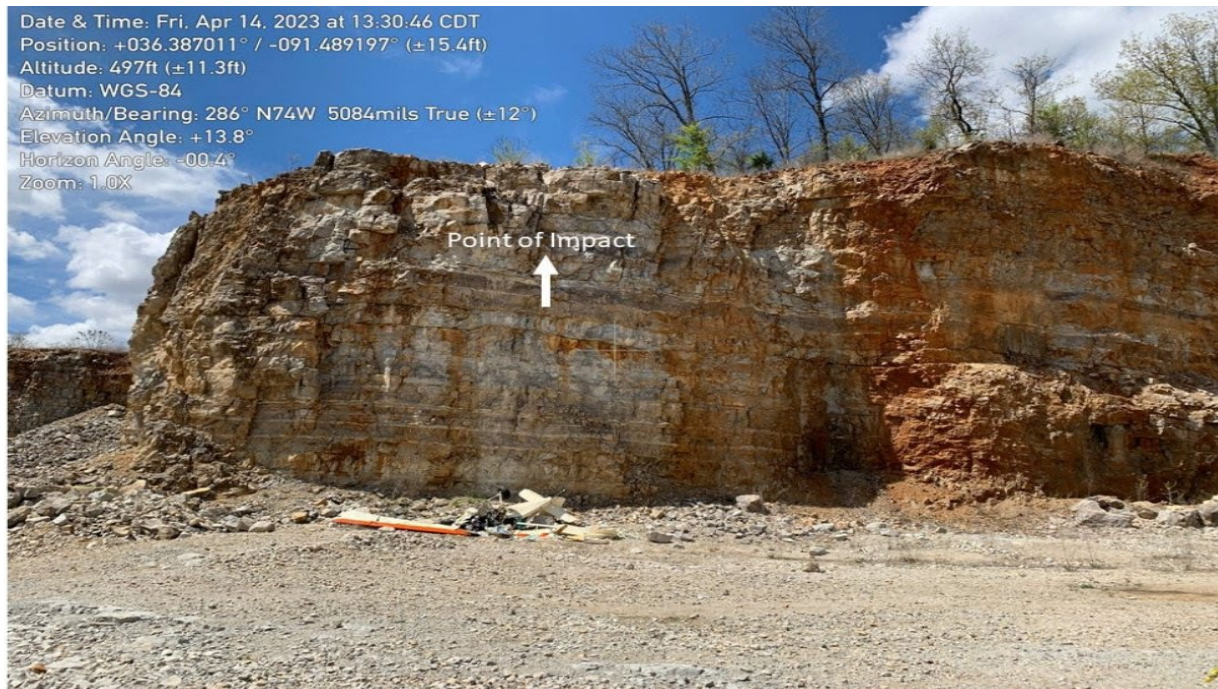


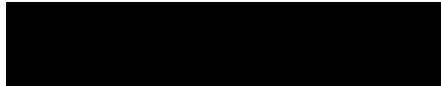
Photo 1 Accident Site

- Flight control continuity was established from the cockpit controls to all flight control surfaces.
- The fuel system from the tanks to the engine did not show any pre-impact anomalies.
- The engine control system and throttle linkages were connected.
- Propeller damage was consistent with rotation at the time of impact. Rotational scoring was present on the propeller hub., corresponding to impact marks on the rock wall.
- The carburetor bowl was disassembled, and the metal floats displayed hydraulic collapsing, consistent with fuel supply to the carburetor at the time of impact.
- Throttle and mixture controls were found properly connected from the cockpit to engine.
- Partial disassembly of the engine did not reveal any pre-impact anomalies.
- The composite propeller blades displayed damage signatures consistent with rotation at the time of impact.

Summary

No pre-impact mechanical anomalies were found with the airframe or engine.

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