



MEMORANDUM FOR RECORD

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Central Region

Date: 11/18/2021
NTSB Accident Number: CEN21LA406

Examination Notes

On September 6, 2021, about 1515 central daylight time, a Cessna 185F airplane, N7574N, sustained substantial damage when it was involved in an accident near Kingsley, Iowa. The pilot and passenger were uninjured. The airplane was operated as a Title 14 *Code of Federal Regulations* (CFR) Part 91 personal cross-country flight.

On November 17, 2021, the NTSB investigator-in-charge, along with two FAA aviation safety inspectors examined the wreckage at Beegles Aircraft Service, Greeley, Colorado.

The engine and propeller remained attached to the airframe and were undamaged. Before adding fuel to the airplane for a test run, the gascollator was examined and found to be absent of any fuel. Fuel was supplied from an external fuel tank into the fuel lines associated with the left wing. The engine started on the first attempt with no hesitations or anomalies noted. The throttle was advanced and a magneto check was accomplished with a drop of 58 rpm from the left magneto and a 60 rpm drop from the right magneto.

After the engine run, the fuel system was inspected with both left and right fuel tanks found intact. The fuel filler necks and collars were removed from both wings for internal inspection of the rubberized, bladder fuel cells. The cell from the left tank exhibited minor wrinkling, but overall was still attached to the cell's snaps and fittings. When the right cell was examined, it was discovered to be unsecured from the outboard and aft edges with the cell folded and wrinkled inboard to the outboard fuel filler neck.

---End of Record---