



MEMORANDUM FOR RECORD

Todd Gunther
Air Safety Investigator
Eastern Region

Date: May 1, 2020
Subject: Wreckage Examination
NTSB Case Number: ERA20LA163

On April 30, 2020, Inspector Jeff Rose from the Federal Aviation Administration examined the wreckage of N33005 at East Hampton Airport (HTO), East Hampton, New York. The Airplane Owner and a mechanic were present during the examination.

Examination of the wreckage showed that the left outer wing leading edge showed impact damage from a fence post inward up to the wing spar. The right-wing outboard leading edge also showed impact damage, as well as the right-wing root leading edge.

The nose wheel fairing showed small dent in leading edge. The propeller showed scratches on both leading edges from the wire deer fence. No propeller curling was visible at the tips.

The left engine cowl and door leading edge showed impact damage. After opening the top engine cowl no visual damage was noted. No oil or fuel leaks were noted. Engine oil on the dipstick showed the correct level and was clean. Visual inspection of the engine throttle, mixture and carburetor heat controls indicated that they were intact and showed correct movement. No binding was discovered.

Sumping of the left and right fuel tanks showed no debris or water contamination, and no debris or water was discovered in the fuel strainer. Both fuel tanks showed fuel just below the tabs. The mechanic pulled the prop through, and all four-compression strokes were evident with prop spring back.

After the examination, the fuel selector was turned on, and the boost pump was used to prime the engine. The engine started and was idled at 1200 rpm. Power was then increased to 1500 RPM. The engine ran normally, and no vibration or sputtering was noted. After 8 minutes the engine was shut down. Afterwards the engine cowl was opened, and no oil or fuel leakage was noted.