



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

September 15, 2020

EXAMINATION SUMMARY

ERA20LA234

A. ACCIDENT

Location: Ocala, Florida
Date: July 1, 2020
Time: 1030 EDT
Airplane: Evекtor Aerotechnik AS Sportstar, N820NG

B. INVESTIGATION PARTICIPANTS

Dan Boggs
National Transportation Safety Board
Eastern Region Aviation (ERA)
Ashburn, Virginia

C. SUMMARY

On July 1, 2020, about 1030 eastern daylight time, an Evекtor-Aerotechnik AS Sportstar, N820NG, was substantially damaged during landing at Ocala, Florida. The sport pilot was fatally injured. The airplane was operated as a Title 14 *Code of Federal Regulations* Part 91 personal flight.

The wreckage was examined at the facilities of Florida Air Recovery, Jacksonville, Florida on September 15, 2020.

1.0 Airframe Examination

The airframe was intact, the engine was had impact damage signatures and positioned on the front seats by recovery personnel. The leading edge of both wings had impact damage. The flaps were attached to the wings; however, both flap connecting rods were fractured. Ailerons were attached and unremarkable. The empennage was unremarkable. Flight control continuity was established to all components. The rudder cable and elevator torque tube were cut by recovery personnel.

No anomalies were noted.

2.0 Engine Examination

A visual exam of the engine revealed no anomalies. All components were installed correctly. The top spark plugs were removed and showed normal wear. Compression and suction were established on all cylinders and valve action was correct. All three propeller blades were fractured off at the hub. Both carburetors were fractured at their mounts and partially attached by cables.

No anomalies noted with the engine that would have precluded normal operation.