



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Western Pacific Region

July 3, 2017

ACCIDENT SITE EXAMINATION SUMMARY

WPR17FA139

This document contains 4 embedded photos.

A. ACCIDENT

Location: Chelan, WA
Date: July 1, 2017
Aircraft: N492XB; Scout XC Light Sport
NTSB Investigator-in-Charge: Maja Smith

B. SUMMARY

Examination of the accident site was conducted on July 2, 2017. All major structural components of the airplane were located at the accident site. The wreckage was recovered to a secure location for further examination.

C. DETAILS OF THE INVESTIGATION

1.0 Accident Site Examination

Main Wreckage: 47°55'14.48"N, 119°52'11.03"W– Elevation: 1,830 feet

Accident site was about 5 miles northeast of the departure airport (S10).

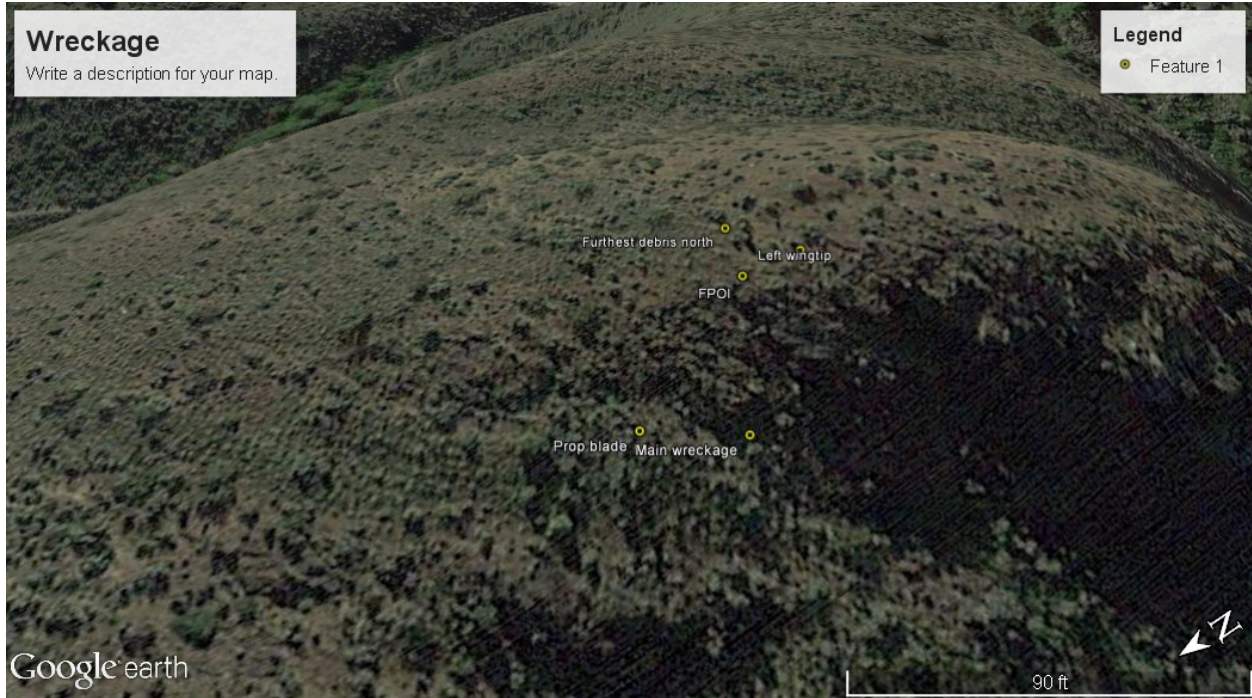


Figure 1-Wreckage Diagram

Examination of the accident site revealed that the airplane impacted near the top of a hill in mountainous rocky terrain.

The airplane had been destroyed by high impact forces and spread out in a linear pattern.



Figure 2-First Identified Point of Contact

The direction of the wreckage debris path was oriented a heading of about 130 degrees magnetic. The first identified point of contact (FIPC) was a rock located on a side of the hill about 25 feet from the top of the hill. The FIPC was characterized by an area of disturbed ground on the rock and surrounded debris which included the front steering fork, and the brake reservoir. A portion of the canopy was located left of the FIPC. The main wreckage was located about 50 feet from the FIPC on a heading of 320 degrees indicating that, following the impact, it rolled down the hill.



Figure 3-Main Wreckage

The main wreckage consisted of majority of the airframe, engine, both wings, main landing gear and a three-blade propeller. One propeller blade broke off and was located 30 feet north from the main wreckage. The back seat was located within the main wreckage; the front seat was located along the debris path.



Figure 4- Engine