

National Transportation Safety Board

Office of Aviation Safety

Washington, DC 20594



WPR22FA350

ACCIDENT SITE AND WRECKAGE EXAMINATION

February 19, 2023

A. ACCIDENT

Location: Reno, Nevada
Date: September 18, 2022
Time: 1544 Pacific daylight time
Airplane: N129MM, Aerovodochody L-29 Delfin

B. DETAILS OF THE EXAMINATION

1.0 Accident Site

Examination of the accident site revealed that the airplane impacted terrain on a heading of about 229° magnetic. The first identified point of contact (FIPC) with terrain was a swath of freshly disturbed dirt, consistent with a left wing impact. The swath of disturbed dirt continued for about 180 ft to a large burn area. The 2,200 ft long debris path continued along a heading of about 242° degrees magnetic and contained various fragments of wreckage along with portions of both wings, empennage, and engine. The wreckage was recovered to a secure location for further examination.

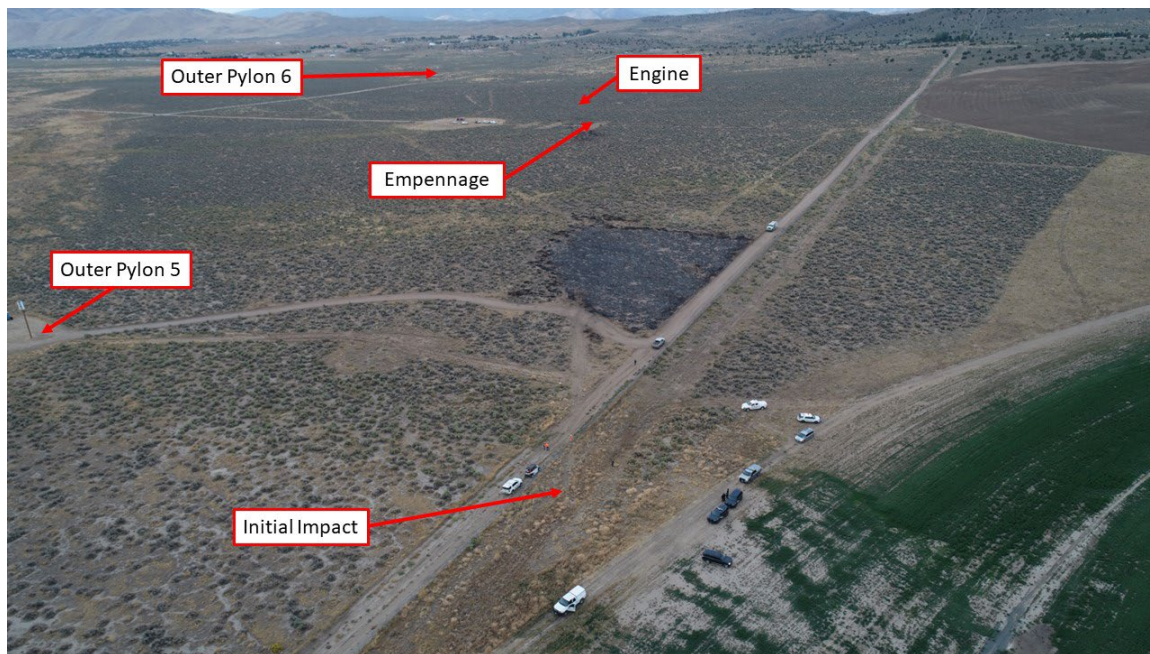


Figure 1: Aerial view of the accident site provided by Nevada State Patrol, with annotations of pylon and wreckage locations.

2.0 Wreckage Examination

Examination of the recovered wreckage revealed that the majority of the airplane was severely fragmented into multiple pieces. Remains of both wings, part

of the fuselage, and empennage were observed. Multiple portions of flight control torque tubes were located within the recovered debris. All rod end bearings observed appeared to remain secure to their respective control tubes. All torque tube fractures appeared consistent with overload separation. No evidence of any preexisting mechanical malfunction with the recovered flight controls were observed.

Submitted by:

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