



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

December 16, 2020

Specialist's Report

AIR TRAFFIC CONTROL

WPR19FA219

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A. ACCIDENT

Location: Marysville, Washington
Date: August 14, 2019
Time: 1853 Pacific daylight time (PDT)¹
August 15, 2019
0153 coordinated universal time (UTC)
Airplane: N525SG, Capes Murphy Moose

B. AIR TRAFFIC CONTROL INVESTIGATOR

Betty Koschig
Air Traffic Control Specialist
Operational Factors Division (AS-30)
National Transportation Safety Board

C. SUMMARY

On August 14, 2019, about 1853 Pacific daylight time, an amateur built Murphy Moose, N525SG, impacted terrain about one mile south of the Arlington Municipal Airport (AWO), Arlington, Washington. The private pilot was fatally injured, and the airplane sustained substantial damage throughout. The airplane was registered to and operated by the pilot as a 14 *Code of Federal Regulations* Part 91 personal flight. Visual meteorological conditions prevailed, and no flight plan was filed. The flight originated from the Frontier Airpark (WN53), Lake Stevens, Washington at about 1845.

D. DETAILS OF THE INVESTIGATION

ATC services were not provided. The factual information provided in this report was compiled using data obtained from the Federal Aviation Administration (FAA).

E. FACTUAL INFORMATION

1.0 Radar Data

The radar source data used in this report was extracted FAA radar data² from Seattle terminal radar approach control (TRACON (S46), and provided by the FAA Accident Investigations Office, AVP-100.

2.0 Radar Graphics

Figure 1 is a MapPoint screenshot illustrating the flight path of N525SG after departing WN53 Airport until the time of the last radar target. Figure 2 is MapPoint screenshot illustrating the final portion of N525SG's flight path about one mile south of AWO Airport. Figure 3 is a MapPoint screenshot containing detailed information about the final portion of N525SG's flight

¹ All times are Pacific daylight time (PDT) unless otherwise noted.

² See Attachment 1 – FAA Radar Data.

path, as well as the flight path of an unidentified aircraft that was in the vicinity of AWO Airport about the time of the accident.

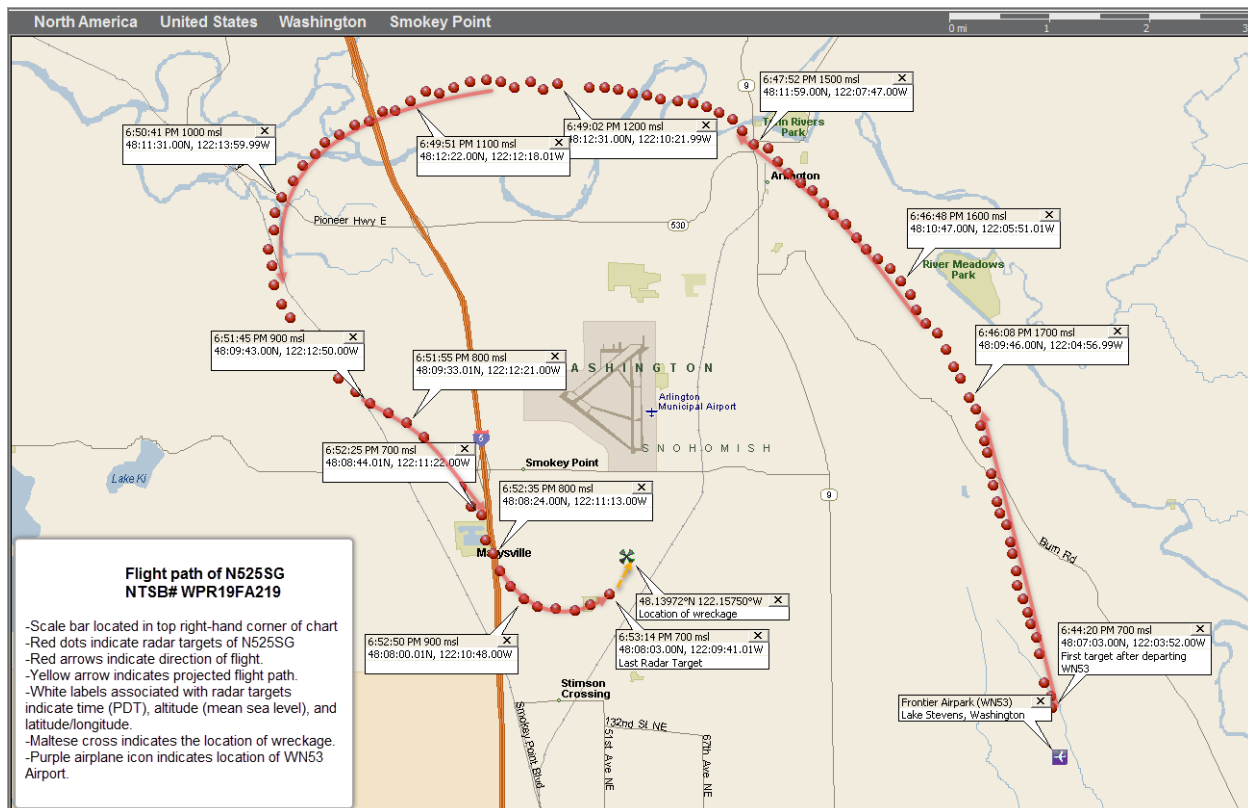


Figure 1. MapPoint screenshot illustrates the flight path of N525SG after departing WN53 until last radar target.

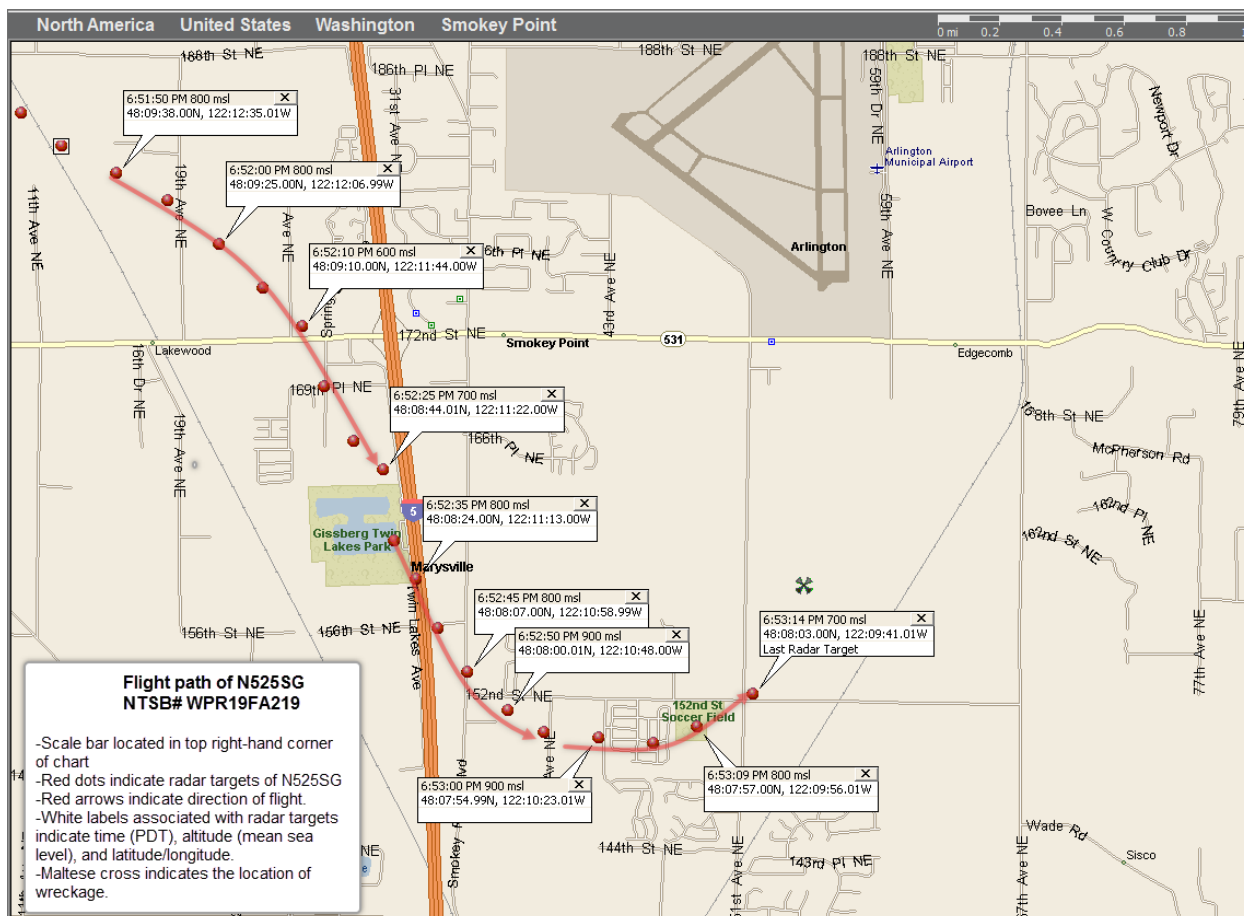


Figure 2. MapPoint screenshot contains detailed information about the final portion of N525SG's flight path.

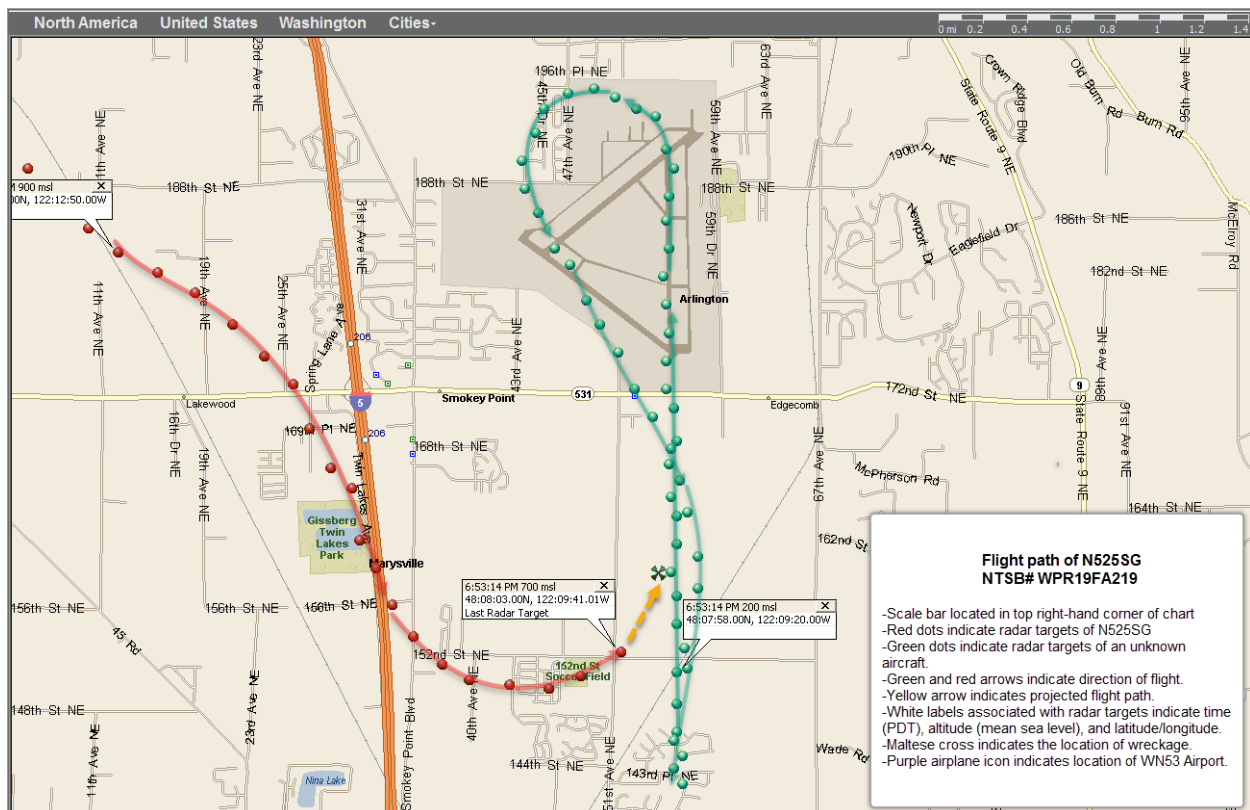


Figure 3. MapPoint screenshot containing detailed information about the final portion of N525SG's flight path and targets of an unidentified aircraft flying in the vicinity of AWO Airport about the time of the accident.

F. LIST OF ATTACHMENTS

Attachment 1 – FAA Radar Data

Submitted by:

Betty Koschig
Senior Air Traffic Investigator