



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

April 09, 2020

Radar Graphics

AIR TRAFFIC CONTROL

ERA19FA240

Table of Contents

A.	ACCIDENT	3
B.	AIR TRAFFIC CONTROL SPECIALIST	3
C.	SUMMARY	3
D.	DETAILS OF THE INVESTIGATION	3
E.	FACTUAL INFORMATION	3
1.0	Radar Graphics.....	3
F.	LIST OF ATTACHMENTS	5

A. ACCIDENT

Location: Hatboro, Pennsylvania
Date: August 8, 2019
Time: 0615 eastern daylight time (EDT)¹
1015 coordinated universal time (UTC)
Airplane: N4082S, Beech F33A

B. AIR TRAFFIC CONTROL SPECIALIST

Betty Koschig
Senior Air Traffic Investigator
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National Transportation Safety Board

C. SUMMARY

On August 8, 2019, about 0615 eastern daylight time, a Beech F33A, N4082S, was destroyed when it impacted a residential area in Hatboro, Pennsylvania. The private pilot and two passengers were fatally injured. The personal flight was operated by the pilot under the provisions of Title 14 *Code of Federal Regulations* Part 91. Instrument meteorological conditions prevailed, and an instrument flight rules flight plan was filed for the flight, which originated from Northeast Philadelphia Airport (PNE), Philadelphia, Pennsylvania, about 0612, and was destined for Ohio State University (OSU) Airport, Columbus, Ohio..

D. DETAILS OF THE INVESTIGATION

An onsite investigation was not conducted. The factual information provided in this report was compiled using data obtained from the Federal Aviation Administration (FAA), which included the PNE airport traffic control tower certified audio recordings², Philadelphia International Airport (PHL) certified audio recordings³; aircraft accident package #19-002-PNE⁴; and certified radar data⁵.

E. FACTUAL INFORMATION

1.0 Radar Graphics

Figures 1 and 2 are Google earth screenshots illustrating the flight path of N4082S. Each screenshot contains a legend describing pertinent chart information, and labels that indicate the time and altitude information for each radar target.

¹ All times are eastern daylight time (EDT) unless otherwise noted.

² See Attachment 1 – PNE Audio Recording.

³ See Attachment 2 – PHL Audio Recording.

⁴ See Attachment 3 – Aircraft Accident Package.

⁵ See Attachment 4 – Radar Data.

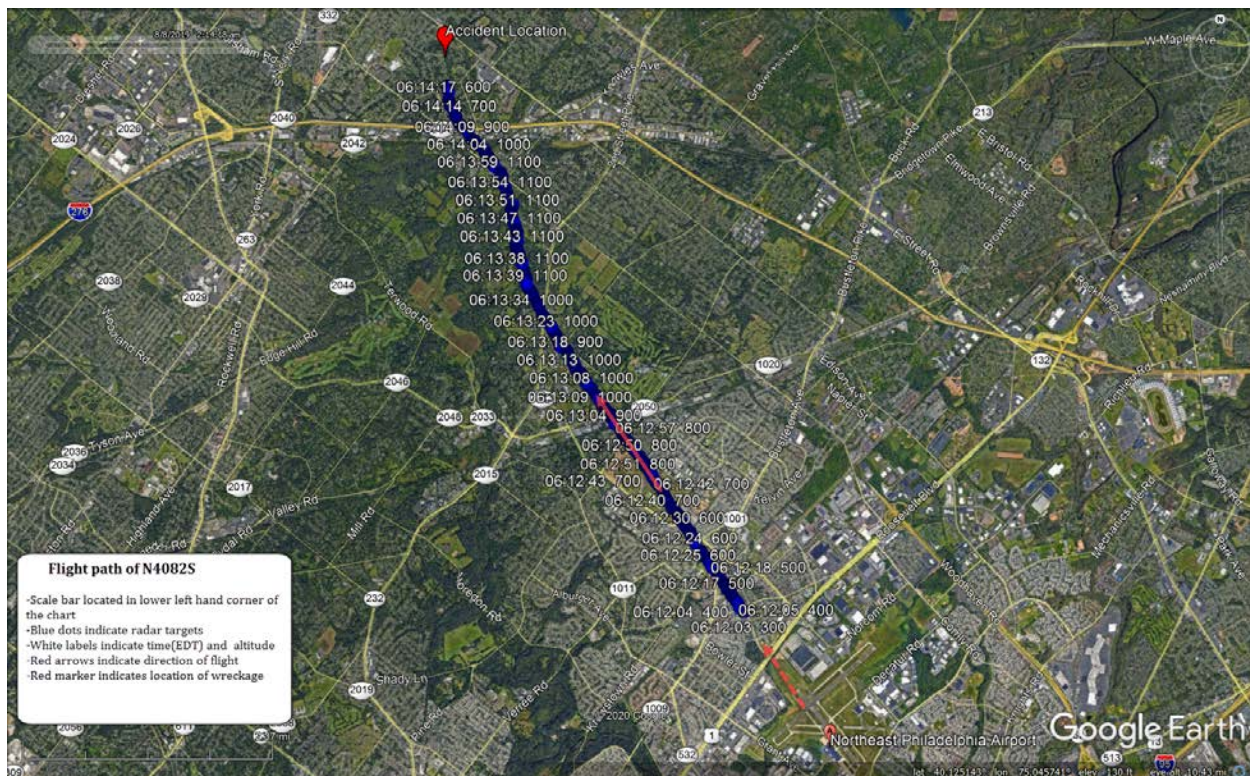


Figure 1. Google earth screenshot illustrates the airplane's flight path after departing PNE Airport and depicts accident location.

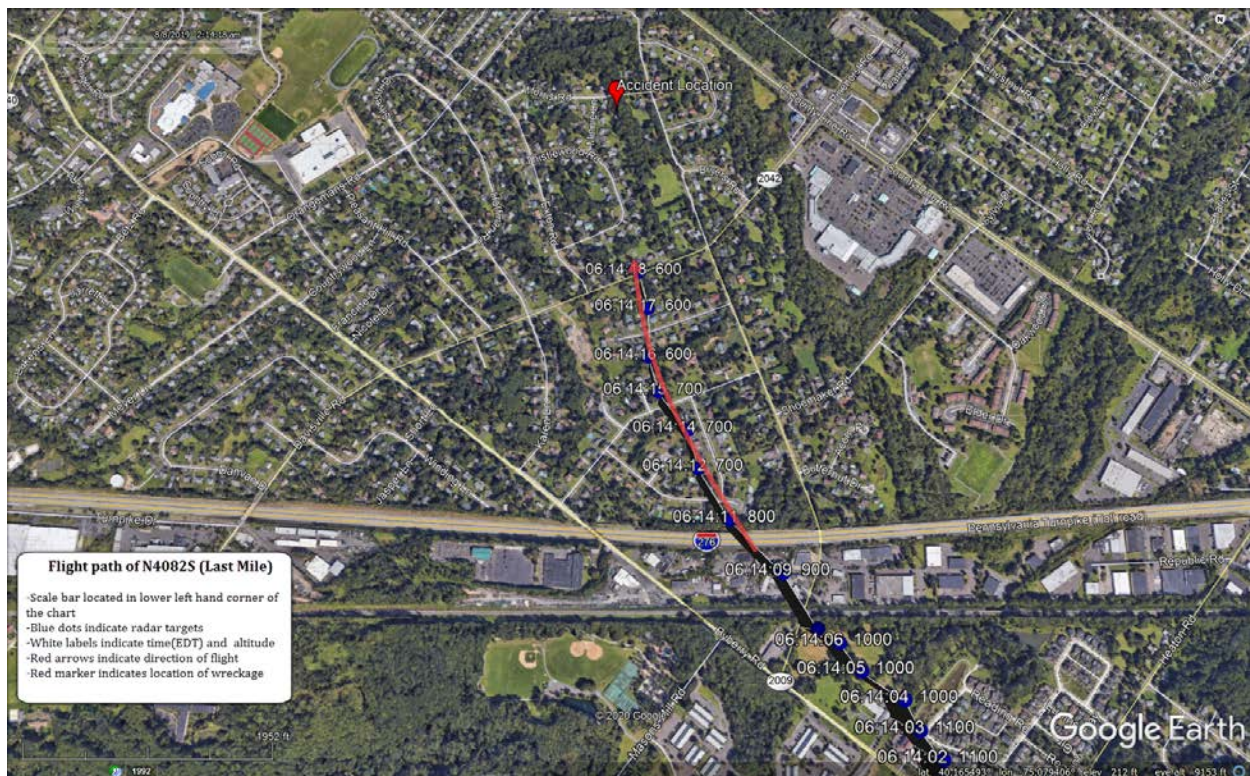


Figure 2. Google earth screenshot depicting the last mile of N4082S's flight and the accident location.

Figure 3 is a MapPoint screenshot illustrating the flight path of N4082S after departing PNE. The screenshot contains a legend describing pertinent chart information, and text boxes that highlight specific timeline information.

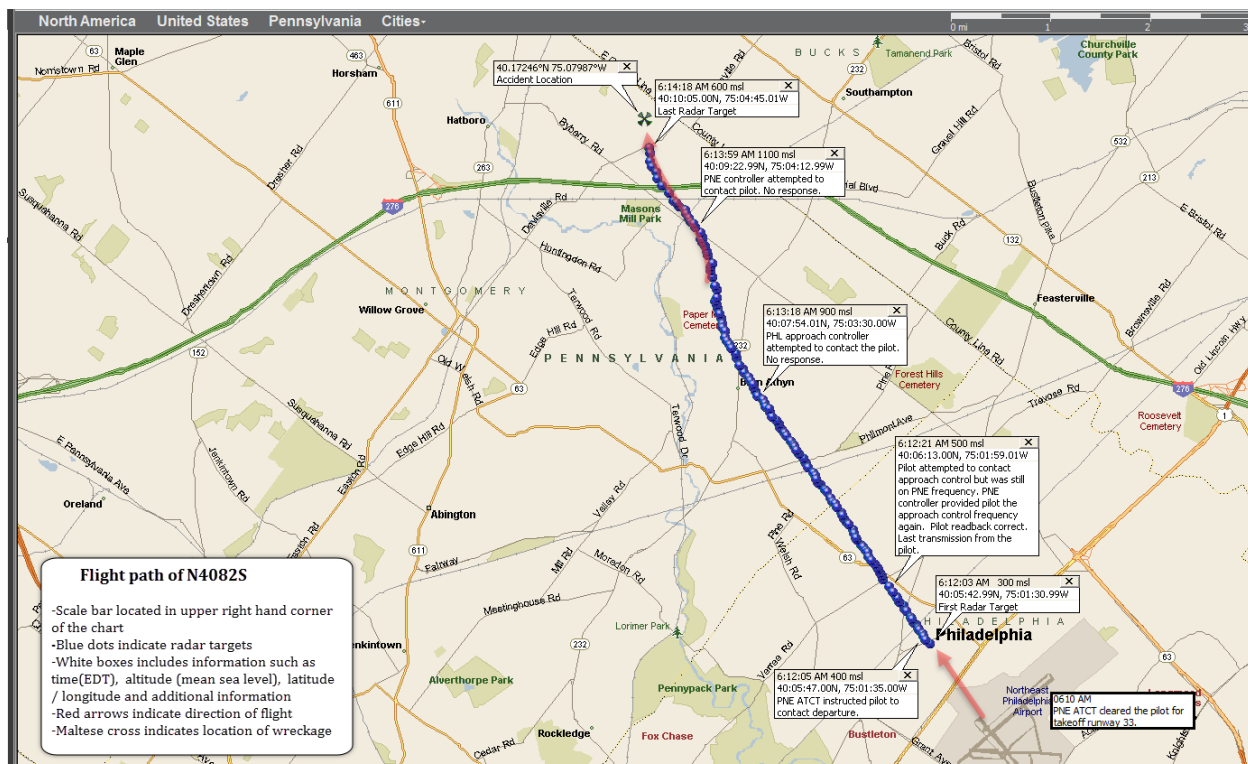


Figure 3. MapPoint screenshot illustrates the airplane's flight path and includes text boxes containing a timeline and summary of pilot/controller transmissions.

F. LIST OF ATTACHMENTS

Attachment 1 – PNE Audio Recording
Attachment 2 – PHL Audio Recording
Attachment 3 – Aircraft Accident Package
Attachment 4 – Radar Data

Submitted by:

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