

# National Transportation Safety Board

Office of Aviation Safety

Washington, DC 20594



WPR22FA361

## **ACCIDENT SITE SURVEY**

April 17, 2024

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## **A. ACCIDENT**

Location: Sahuarita, Arizona  
Date: September 28, 2022  
Time: 0900 mountain standard time  
Airplane: Grumman American AVN AA5B

## **B. ACCIDENT SITE SURVEY**

IIC Fabian Salazar  
National Transportation Safety Board  
Federal Way, Washington

Volunteer IIC Daniel Baker  
National Transportation Safety Board  
Federal Way, Washington

## **C. SUMMARY**

On September 28, 2022, about 0900 mountain standard time, a Grumman American Aviation AA5B airplane, N74349, was destroyed when it was involved in an accident near Sahuarita, Arizona. The pilot was fatally injured. The airplane was operated as a Title 14 *Code of Federal Regulations* Part 91 personal flight.

The IIC did not travel to the accident site. A volunteer investigator in charge, who was close by, travelled to the accident site and examined the wreckage. He provided photographs to the IIC and briefed the IIC on the findings.

## **D. DETAILS OF THE INVESTIGATION**

### **1.0 Accident Site**

#### **1.1 Description of Accident site**

The airplane came to rest about 557 ft northwest of the departure end of runway 25, Flying Diamond Airport (6AZ8) Tucson, Arizona, at an elevation of about 3905 ft mean sea level (msl), in vegetation-covered terrain. A post-impact fire ensued that consumed most of the fuselage and wings. The top three strands of a barbed wire fence, located at the end of the runway, were fractured. Several bushes and trees between the runway and the wreckage exhibited breaks in the branches.

Automatic dependent surveillance-broadcast (ADS-B) data, provided by the Federal Aviation Administration (FAA) revealed the flight path from beginning to end.

## 1.2 Coordinates

The airplane came to rest at N31°56'15.64" W111°7'28.08.

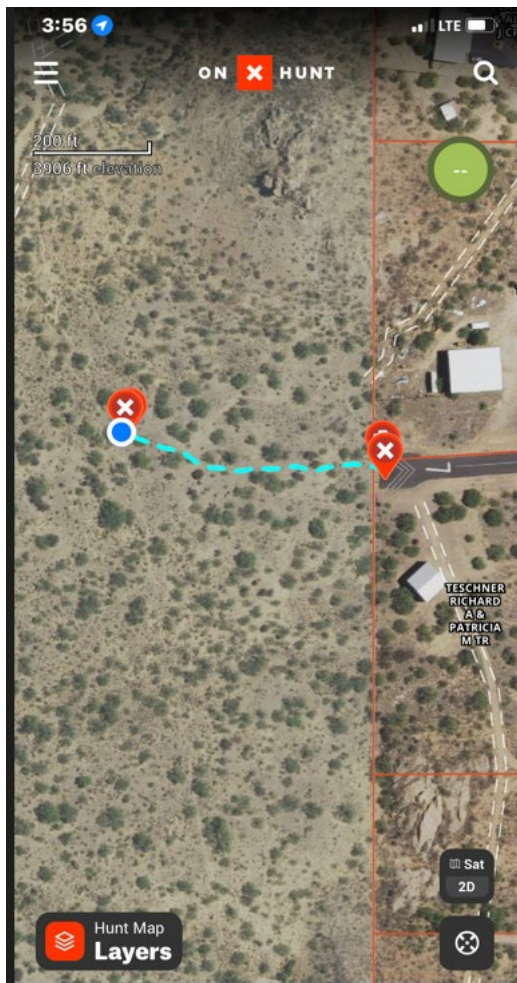


Figure 1. Image provided by the volunteer investigator in charge. The airplane's resting location is indicated by a blue dot.



Figure 2. Goggle Earth view of the accident site, 6AZ8, and the barbed wire fence.



Figure 3. ADS-B overlay. The direction of travel is indicated with blue arrows.

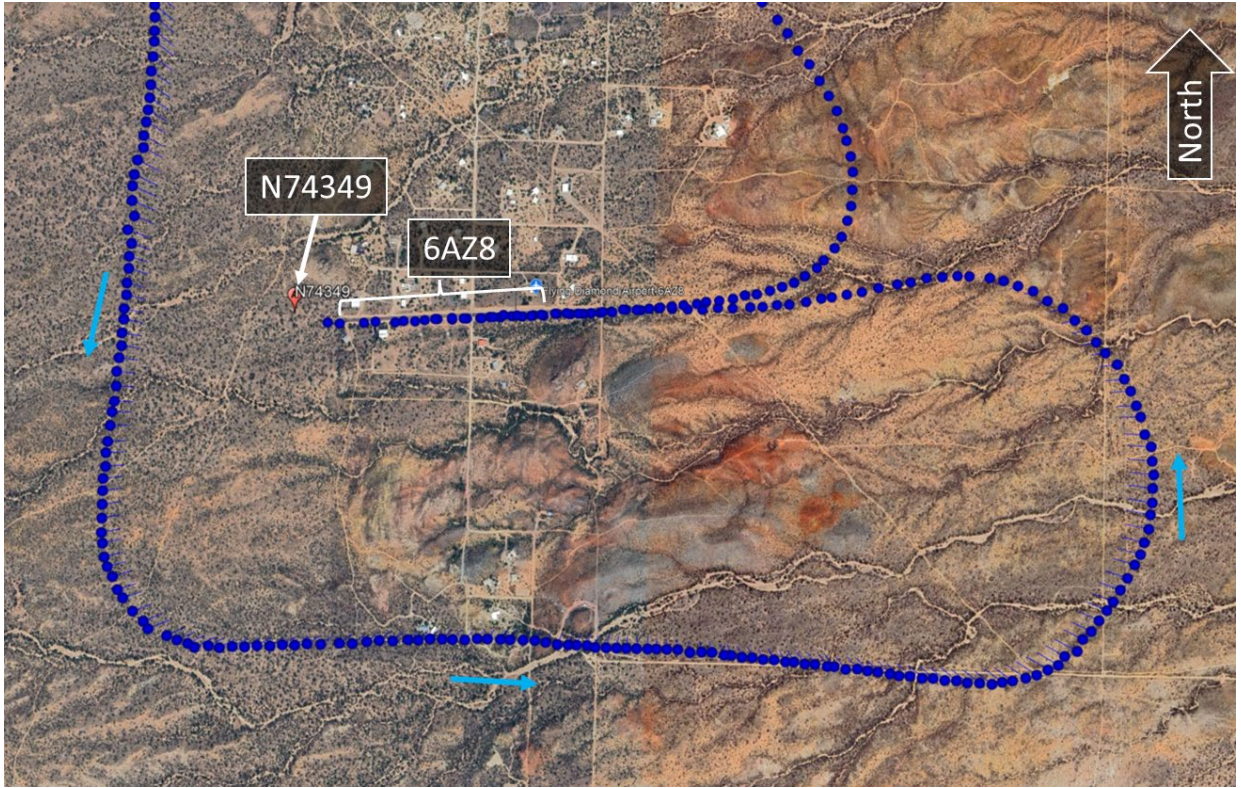


Figure 4. Close up view of the ADS-B track, showing the shape of the traffic pattern.



Figure 5. ADS-B overlay showing the traffic patterns at Ryan Field Airport, (RYN) Tucson, Arizona.



Figure 6. Image showing broken tree branches along the accident path.

Submitted by:

Fabian Salazar  
IIC