

National Transportation Safety Board

Office of Aviation Safety
Central Region



CEN22FA081

AIR TRAFFIC CONTROL DATA PLOTS

ACCIDENT

Location: Fulshear, Texas
Date: December 21, 2021
Time: 0926 central standard time (1526 UTC)
Airplane: Cessna 208B; Registration No. N1116N

Flight Overview

According to air traffic control data, at 0910, Cessna 208B (N1116N) departed George Bush Intercontinental Airport (IAH), Houston, Texas, on runway 26R and then flew to the southwest toward Victoria Regional Airport (VCT), Victoria, Texas. Figure 1 depicts time as central standard time (CST) and the airplane's altitude as uncorrected pressure altitude (ft).

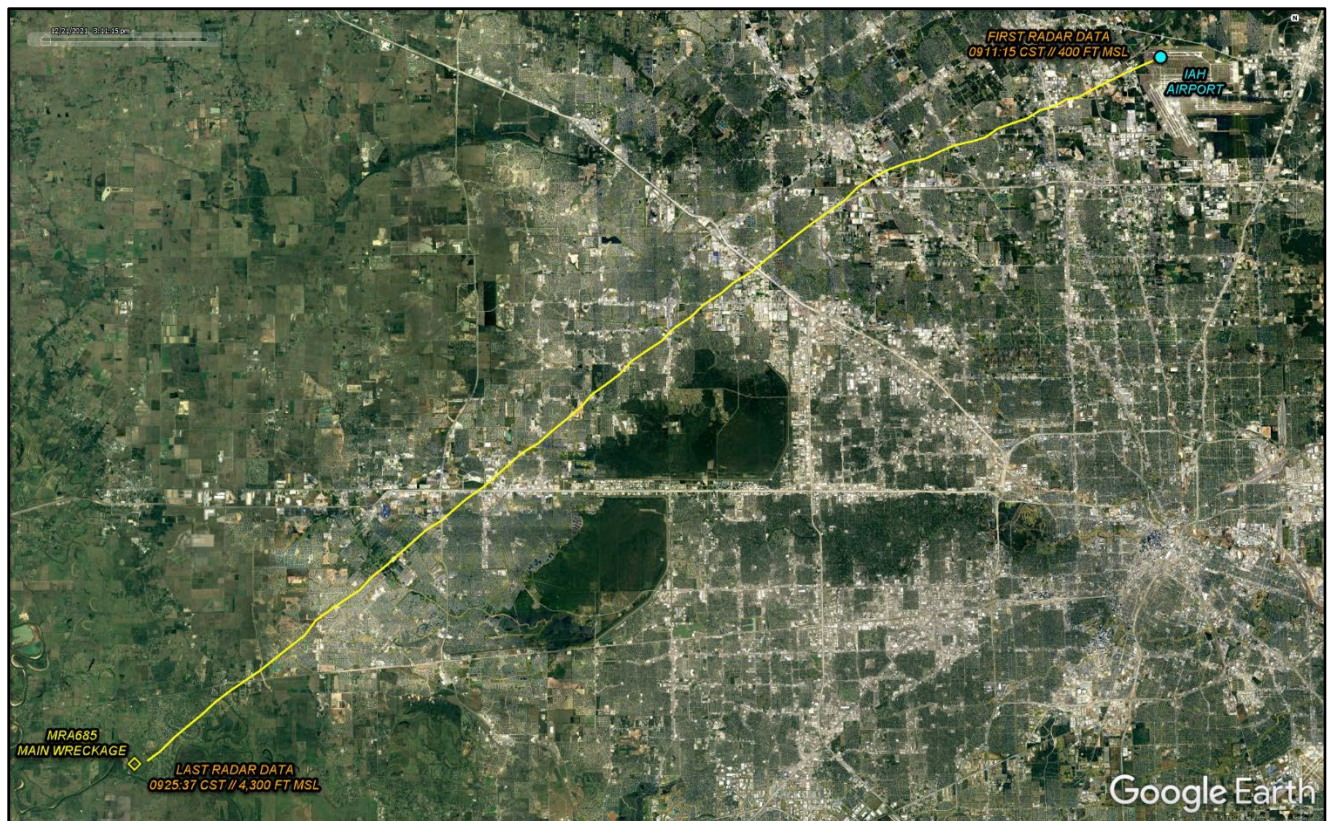


Figure 1. Flight Overview

Final Portion of the Flight

The flight path of the Cessna 208B (N1116N) shortly before the midair collision. Figure 2 depicts time as central standard time and the airplane's altitude as uncorrected pressure altitude (ft). Also shown are the primary radar returns (cyan dots) that were detected before and after the midair collision. The primary radar returns were not displayed on the air traffic controller's display, and do not include any altitude data.

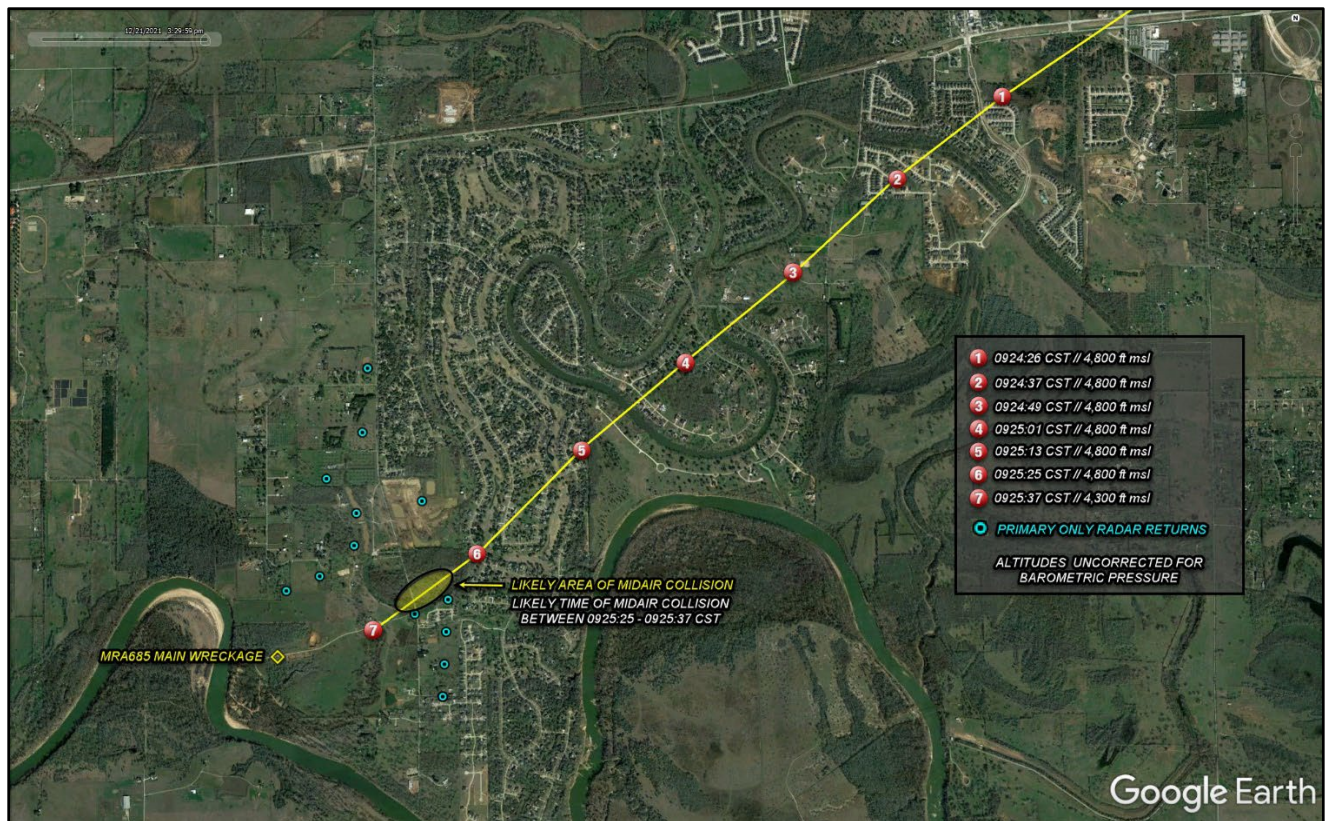


Figure 2. Final portion of the flight

Midair Collision

The flight path of the Cessna 208B (N1116N) during the midair collision. Also shown are primary radar returns (cyan dots) that were detected before and after the midair collision. The primary radar returns were not displayed on the air traffic controller's display, and do not include any altitude data. Figure 3 depicts time as coordinated universal time, which is 6 hours ahead of central standard time.

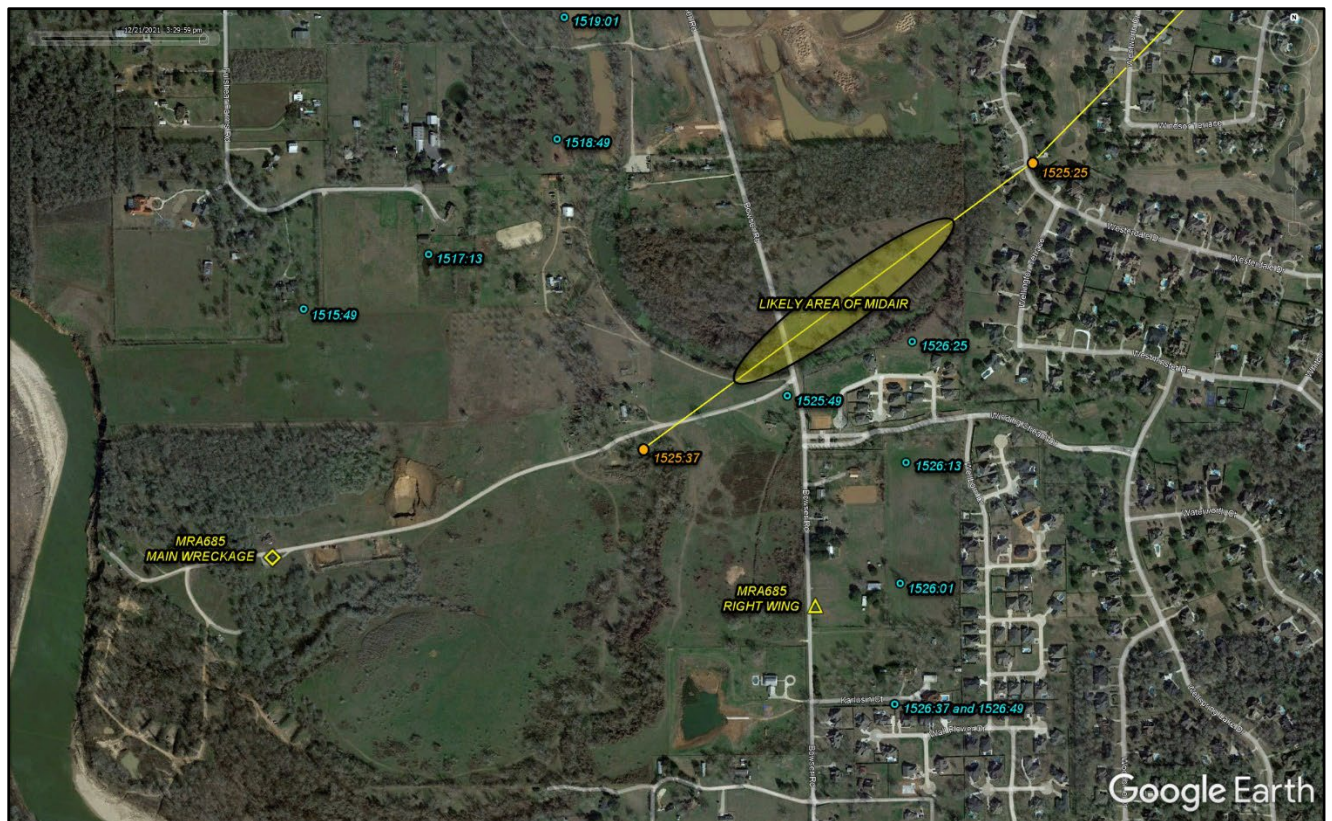


Figure 3. Midair collision