

**NATIONAL TRANSPORTATION SAFETY BOARD
Office of Aviation Safety
Washington, DC 20594**

April 17, 2016

**ATC RADAR STUDY
WPR16FA091**

A. AIRCRAFT ACCIDENT

Location: Fallbrook, CA

Date: April 2, 2016

Time: 0914 Pacific daylight time / 1714 universal coordinated time

Aircraft: N438Y, Lancair IV P

B. AIR TRAFFIC CONTROL INVESTIGATOR

Scott J. Dunham
National Transportation Safety Board
Washington, D.C. 20594

C. SUMMARY

On April 2, 2016, about 0915 Pacific standard time, an experimental amateur-built Nokes Mathew Lancair IV P, N438Y, made a forced landing, and collided with a parked car on the shoulder of Interstate 15 near Fallbrook, California. The pilot/owner was operating the airplane under the provisions of Title 14 Code of Federal Regulations (CFR) Part 91. The private pilot and his wife/ passenger sustained serious injuries; one occupant of the car sustained fatal injuries, and the other three occupants sustained serious injuries. The airplane sustained substantial damage. The personal flight departed Gillespie Field (SEE), San Diego, California, about 0900 en route to French Valley Airport, Murrieta/Temecula, California. Visual meteorological conditions prevailed, and no flight plan had been filed.

D. RADAR DATA

The radar data used for this report was obtained from the Federal Aviation Administration's Southern California Terminal Radar Approach Control, using radar sites located at Camp Pendleton and Miramar, California.

Figure 1 shows an overview of the flight from about 1 minute after departure until the accident aircraft approached the accident site on the I-15 freeway. Figure 2 shows the last two minutes. Figure 3 is a closer view of the end of the flight.

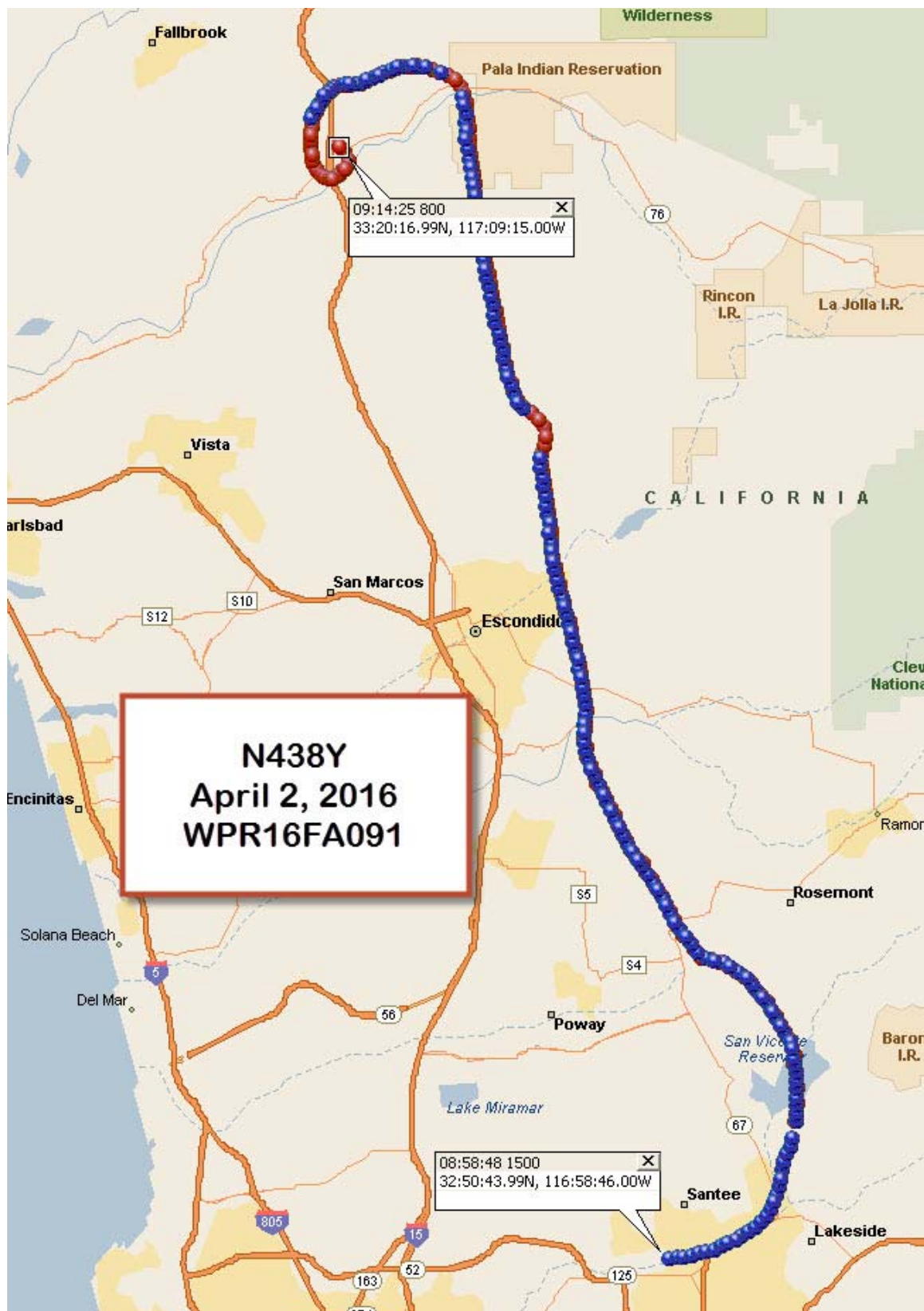


Figure 1 – Overview of flight track.

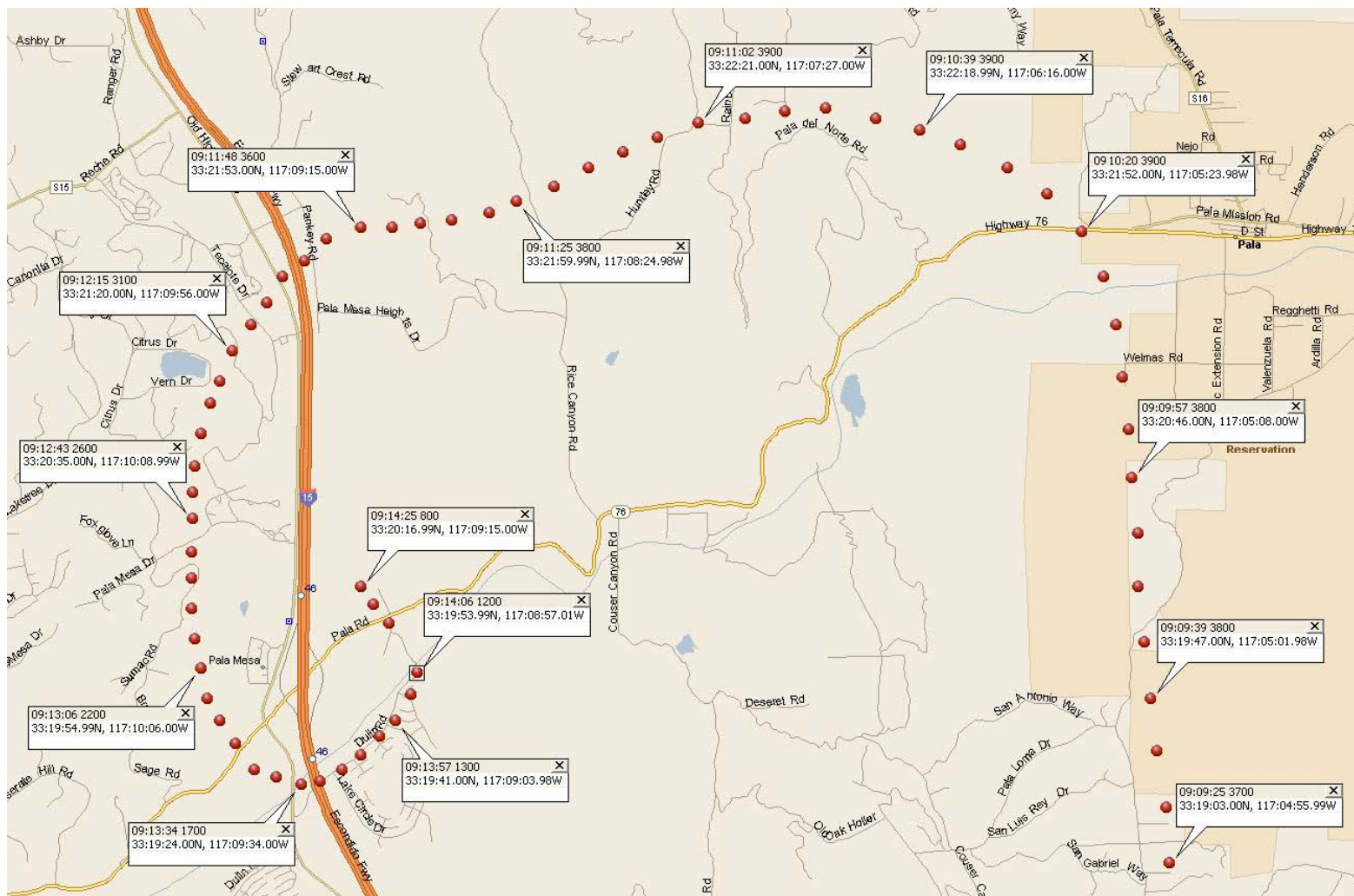


Figure 2 – Last 5 minutes of flight.

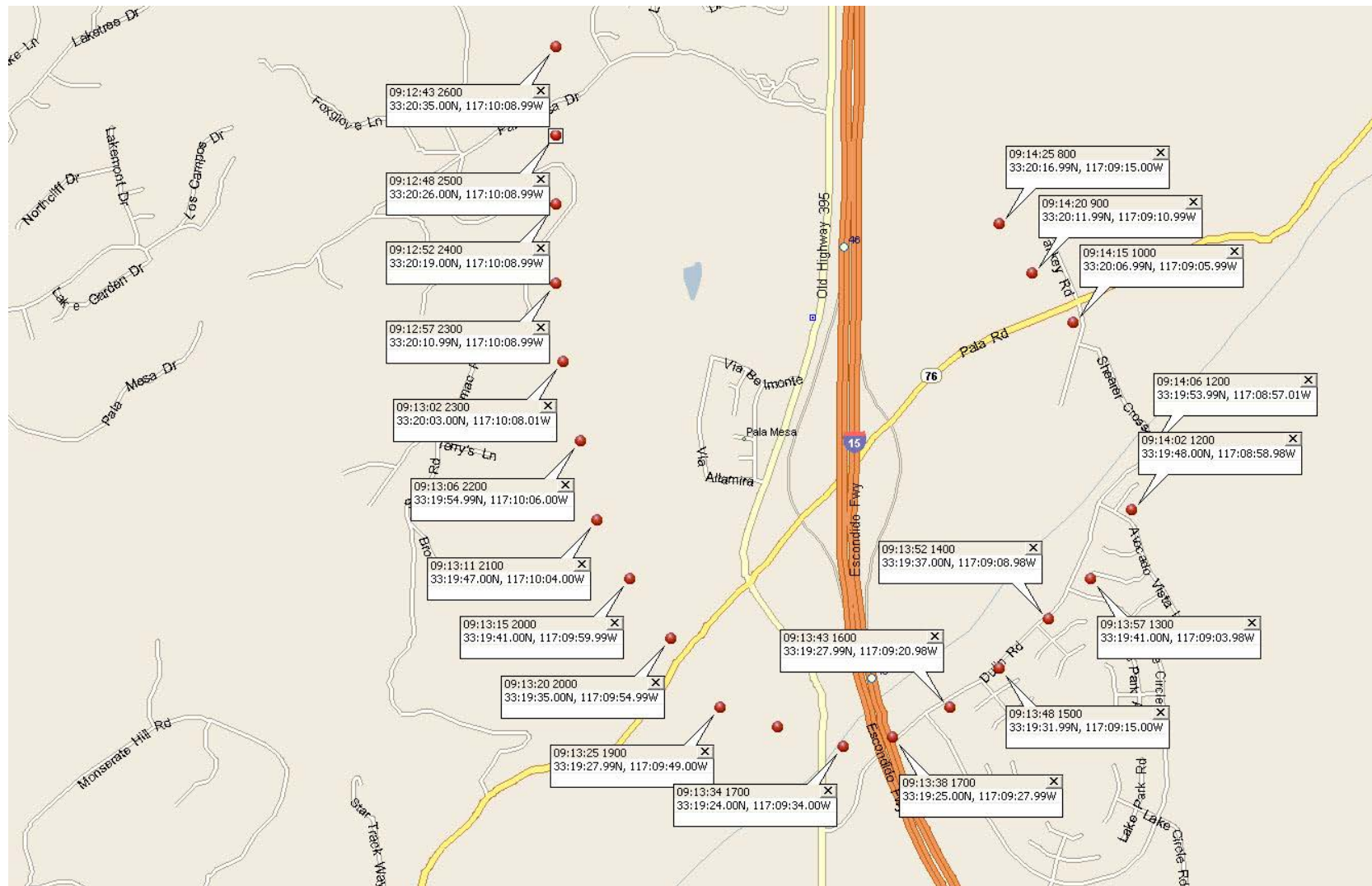


Figure 3 – End of flight.