



# National Transportation Safety Board Aviation Accident Preliminary Report

<b>Location:</b>	Norco, CA	<b>Accident Number:</b>	WPR19FA118
<b>Date &amp; Time:</b>	04/22/2019, 1210 PDT	<b>Registration:</b>	N9MB
<b>Aircraft:</b>	NORTHROP N9M	<b>Injuries:</b>	1 Fatal
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

On April 22, 2019, about 1210 Pacific daylight time, a Northrop N9M airplane, N9MB, was destroyed when it impacted terrain near Norco, California. The airline transport pilot was fatally injured. The airplane was registered to and operated by the Planes of Fame Air Museum under the provisions of Title 14 *Code of Federal Regulations* Part 91. Visual meteorological conditions prevailed, and no flight plan was filed for the personal flight. The local flight originated from the Chino Airport, Chino, California, about 1202.

Multiple witnesses located near the accident site reported observing the airplane flying on a north eastern heading at a low altitude when it performed a "barrel roll." Several witnesses reported that after the maneuver, the airplane "wobbled [from] side to side" before the airplane's canopy separated. Shortly after, the airplane entered a steep right turn, and descended into the ground in a nose low attitude.

Examination of the accident site revealed that the airplane impacted the outpatient housing yard of the California Rehabilitation Center. The debris path was about 474 ft in length, 200 ft wide, and oriented on a magnetic heading of about 124°. All major structural components of the airplane were observed within the wreckage debris path.

The wreckage was recovered to a secure location for further examination.

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	NORTHROP	<b>Registration:</b>	N9MB
<b>Model/Series:</b>	N9M	<b>Aircraft Category:</b>	Airplane
<b>Amateur Built:</b>	No		
<b>Operator:</b>	Planes of Fame Air Musuem	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KCNO, 650 ft msl	Observation Time:	1853 UTC
Distance from Accident Site:	4 Nautical Miles	Temperature/Dew Point:	21 °C / 11 °C
Lowest Cloud Condition:	Few / 11000 ft agl	Wind Speed/Gusts, Direction:	11 knots / , 250°
Lowest Ceiling:	None	Visibility:	
Altimeter Setting:	30 inches Hg	Type of Flight Plan Filed:	None
Departure Point:	Chino, CA (CNO)	Destination:	Chino, CA (CNO)

## Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Fatal	Latitude, Longitude:	33.929444, -117.575278

## Administrative Information

Investigator In Charge (IIC):	Joshua Cawthra
Additional Participating Persons:	Robert W Michaelson; Federal Aviation Administration; Riverside, CA
Note:	The NTSB traveled to the scene of this accident.