



# National Transportation Safety Board Aviation Accident Preliminary Report

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<b>Location:</b>	Fallbrook, CA	<b>Accident Number:</b>	WPR16FA091
<b>Date &amp; Time:</b>	04/02/2016, 0915 PDT	<b>Registration:</b>	N438Y
<b>Aircraft:</b>	NOKES MATTHEW LANCAIR IV P	<b>Injuries:</b>	1 Fatal, 5 Serious
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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On April 2, 2016, about 0915 Pacific daylight time, an experimental amateur-built Nokes Matthew Lancair IV P, N438Y, 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 one 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; the destination has not yet been established. Visual meteorological conditions prevailed, and no flight plan had been filed.

Witnesses observed the airplane approaching the freeway, and noted that the engine sound was quiet.

The National Transportation Safety Board (NTSB) investigator-in-charge (IIC) and inspectors from the Federal Aviation Administration (FAA) examined the site. The first identified point of contact (FIPC) was a 12-foot-long ground scar with blue paint transfer marks from the belly of the airplane. About 10 feet after the ground scar was a series of propeller strike marks perpendicular to the flight path. Between the fourth and fifth strike marks (about 11 feet), another ground scar with blue paint transfer marks started. This ground scar was continuous to the wreckage. The nose of the airplane collided with the left rear portion of the trunk at an angle from the left to right, and intruded into the right back seat area of the parked car. The airplane pushed the car off the freeway shoulder and into the adjacent dirt area. The airplane's three-bladed propeller and engine remained enmeshed with the car.

Investigators established control continuity for the ailerons, elevators, and rudder.

The airplane was removed to a secure location for further examination.

## Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	NOKES MATTHEW	<b>Registration:</b>	N438Y
<b>Model/Series:</b>	LANCAIR IV P	<b>Aircraft Category:</b>	Airplane
<b>Amateur Built:</b>	Yes		
<b>Operator:</b>	HOGGE DENNIS	<b>Air Carrier Operating Certificate:</b>	None

## Meteorological Information and Flight Plan

<b>Observation Facility, Elevation:</b>		<b>Observation Time:</b>	0854 PDT
<b>Lowest Cloud Condition:</b>	Clear	<b>Conditions at Accident Site:</b>	Visual Conditions
<b>Lowest Ceiling:</b>	None	<b>Temperature/Dew Point:</b>	13°C / 9°C
<b>Wind Speed/Gusts, Direction:</b>	3 knots, 180°	<b>Visibility</b>	5 Miles
<b>Altimeter Setting:</b>	30.18 inches Hg	<b>Type of Flight Plan Filed:</b>	None
<b>Departure Point:</b>	San Diego, CA (SEE)	<b>Destination:</b>	

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Serious	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 Serious	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	1 Fatal, 3 Serious	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 Fatal, 5 Serious		

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Howard D Plagens
<b>Additional Participating Persons:</b>	Greg Nolting; San Diego; San diego, CA Chris Lang; Continental Motors Inc; Mobile, AL
<b>Note:</b>	The NTSB traveled to the scene of this accident.