



# Aviation Investigation Preliminary Report

<b>Location:</b>	Loleta, CA	<b>Accident Number:</b>	WPR24LA210
<b>Date &amp; Time:</b>	June 20, 2024, 10:40 Local	<b>Registration:</b>	N141PB
<b>Aircraft:</b>	LANCAIR COMPANY LC42-550FG	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

On June 20, 2024, about 1040 Pacific daylight time, a Lancair LC42-550FG (Columbia 350), N141PB sustained substantial damaged when it was involved in an accident near Loleta, California. The pilot was not injured. The airplane was operated as a Title 14 *Code of Federal Regulations* Part 91 flight.

The airplane had just departed Murray Field Airport, Eureka, California after receiving an instrument flight rules flight plan to Napa County Airport, Napa, California. Shortly after departing, the airplane passed through a cloud layer, after which it broke out into visual meteorological conditions at an altitude of about 1,500 ft mean sea level (msl). As the airplane climbed through 2,300 ft, the pilot established communications with Seattle Air Route Traffic Control Center. About one minute later he noticed a change in engine noise, with an accompanying vibration. The engine monitor indicated the cylinder head temperature for cylinder no. 6 was rising, and a short time later the engine lost all power and appeared to seize.

The pilot declared an emergency and was provided vectors back to the airport. While the airplane was turning toward the airport, it descended into the cloud layer. The airplane broke out into visual conditions about 700 ft msl over coastal marshland. The pilot maneuvered the airplane toward the flattest looking area, and on touch down the airplane nosed over.

Post accident examination revealed the entire belly of the engine was coated in oil. The airplane has been retained for further examination.

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	LANCAIR COMPANY	<b>Registration:</b>	N141PB
<b>Model/Series:</b>	LC42-550FG	<b>Aircraft Category:</b>	Airplane
<b>Amateur Built:</b>			
<b>Operator:</b>	On file	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Designator Code:</b>			

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	VMC	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	KFOT,393 ft msl	<b>Observation Time:</b>	10:35 Local
<b>Distance from Accident Site:</b>	9 Nautical Miles	<b>Temperature/Dew Point:</b>	10°C /10°C
<b>Lowest Cloud Condition:</b>		<b>Wind Speed/Gusts, Direction:</b>	5 knots / , 340°
<b>Lowest Ceiling:</b>	Overcast / 300 ft AGL	<b>Visibility:</b>	4 miles
<b>Altimeter Setting:</b>	29.95 inches Hg	<b>Type of Flight Plan Filed:</b>	IFR
<b>Departure Point:</b>	Eureka, CA (EKA)	<b>Destination:</b>	Napa, CA (APA)

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>		<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	40.69524,-124.21173

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Simpson, Elliott
<b>Additional Participating Persons:</b>	Mike Palmer; FAA FSDO; Oakland, CA
<b>Investigation Class:</b>	<a href="#">Class 3</a>
<b>Note:</b>	The NTSB did not travel to the scene of this accident.