



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	LANCASTER, CA	<b>Accident Number:</b>	LAX88LA243
<b>Date &amp; Time:</b>	07/01/1988, 0540 PDT	<b>Registration:</b>	N4179K
<b>Aircraft:</b>	RYAN NAVION	<b>Injuries:</b>	2 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

DURING THE INITIAL CLIMB, JUST AFTER TAKEOFF, THE PILOT NOTICED AN OIL LEAK. THE PILOT TURNED BACK TO THE AIRFIELD, AND WHILE ON FINAL APPROACH THE ENGINE QUIT. DURING THE LANDING, THE LANDING GEAR COLLAPSED. INSPECTION OF THE ENGINE REVEALED THAT AN OIL LINE HAD BROKEN.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

## Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - MECH FAILURE/MALF  
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

### Findings

1. (C) LUBRICATING SYSTEM,OIL LINE - FAILURE,TOTAL
2. (C) FLUID,OIL - STARVATION

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Occurrence #2: FORCED LANDING  
Phase of Operation: DESCENT - EMERGENCY

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Occurrence #3: COMPLETE GEAR COLLAPSED  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	65
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	1200 hours (Total, all aircraft), 304 hours (Total, this make and model), 1200 hours (Pilot In Command, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	RYAN	Registration:	N4179K
Model/Series:	NAVION NAVION	Engines:	1 Reciprocating
Operator:	BRYAN, PATRICK O.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-470
Flight Conducted Under:	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	22° C	Visibility	5 Miles
Precipitation and Obscuration:			
Departure Point:	Destination: REDDING, CA (RDD)		

## Airport Information

Airport:	GENERAL WM J. FOX FIELD (WJF)	Runway Surface Type:	Asphalt
Runway Used:	24	Runway Surface Condition:	Dry
Runway Length/Width:	5001 ft / 150 ft		

## Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	1 Minor	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

## Administrative Information

Investigator In Charge (IIC):	DEBRA J ECKROTE	Adopted Date:	10/02/1989
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.