



# Aviation Investigation Final Report

<b>Location:</b>	MILPITAS, California	<b>Accident Number:</b>	LAX84LA491
<b>Date &amp; Time:</b>	September 22, 1984, 09:40 Local	<b>Registration:</b>	N4908K
<b>Aircraft:</b>	RYAN-NAVION 1908	NAV-4-	<b>Aircraft Damage:</b> Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE ACFT MADE A FORCED LANDING IMMEDIATELY AFTER TAKEOFF WHEN THE ENGINE QUIT AT ABOUT 220 FT AGL. THE ACFT WAS LANDED IN A GARBAGE DUMP. POST ACCIDENT INVESTIGATION REVEALED NO DISCREPANCIES IN THE ACFT TO ACCOUNT FOR THE ENGINE STOPPAGE. THE REPORTED TEMPERATURE WAS 73 DEGREES F AND THE DEW POINT WAS 50 DEGREES F.

## Probable Cause and Findings

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

### Findings

Occurrence #1: LOSS OF ENGINE POWER  
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings  
1. (C) REASON FOR OCCURRENCE UNDETERMINED  
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Occurrence #2: FORCED LANDING  
Phase of Operation: LANDING  
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Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

2. (F) TERRAIN CONDITION - ROUGH/UNEVEN

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	56, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical-w/ waivers/lim	<b>Last FAA Medical Exam:</b>	September 13, 1983
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	354 hours (Total, all aircraft), 153 hours (Total, this make and model), 283 hours (Pilot In Command, all aircraft), 40 hours (Last 90 days, all aircraft), 20 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	RYAN-NAVION	<b>Registration:</b>	N4908K
<b>Model/Series:</b>	NAV-4-1908 NAV-4-1908	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	1908
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	June 8, 1984 Annual	<b>Certified Max Gross Wt.:</b>	2750 lbs
<b>Time Since Last Inspection:</b>	60 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	3366 Hrs	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	E-225
<b>Registered Owner:</b>	GERALD S. HERN	<b>Rated Power:</b>	225 Horsepower
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	SJC ,120 ft msl	<b>Distance from Accident Site:</b>	6 Nautical Miles
<b>Observation Time:</b>	09:45 Local	<b>Direction from Accident Site:</b>	145°
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	20 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	5 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	200°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29 inches Hg	<b>Temperature/Dew Point:</b>	23°C / 10°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	FREMONT , CA (Q59 )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	SALINAS , CA (SNS )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	09:38 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	FREMONT CA Q59	<b>Runway Surface Type:</b>	Dirt;Gravel
<b>Airport Elevation:</b>	75 ft msl	<b>Runway Surface Condition:</b>	Dry;Rough
<b>Runway Used:</b>	31	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	2310 ft	<b>VFR Approach/Landing:</b>	Forced landing

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 None	<b>Latitude, Longitude:</b>	37.440906,-121.869094(est)

## Administrative Information

**Investigator In Charge (IIC):** Pyatt, M

**Additional Participating Persons:** TERRY L GORDON; OAKLAND , CA

**Original Publish Date:**

**Last Revision Date:**

**Investigation Class:** [Class](#)

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=24407>

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