



# Aviation Investigation Final Report

<b>Location:</b>	CHINO, California	<b>Accident Number:</b>	LAX88LA181
<b>Date &amp; Time:</b>	May 14, 1988, 16:30 Local	<b>Registration:</b>	N46836
<b>Aircraft:</b>	FAIRCHILD M-62A-3	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor, 1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation		

## Analysis

DURING A SIGHTSEEING FLIGHT, THE ENGINE SUDDENLY QUIT AND AN EMERGENCY OFF-FIELD LANDING WAS MADE. DURING THE LANDING ROLL, THE AIRCRAFT COLLIDED WITH A FENCE. THE PILOT HAD BEEN OPERATING THE AIRCRAFT OFF OF THE LEFT FUEL TANK. THE LEFT FUEL TANK WAS FOUND EMPTY OF FUEL, THE RIGHT TANK CONTAINED APRX 7 GALLONS. THERE WERE NO REPORTED MECHANICAL FAILURES OR MALFUNCTIONS OF THE AIRCRAFT.

## 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(TOTAL) - NONMECHANICAL  
Phase of Operation: CRUISE - NORMAL

#### Findings

1. (C) FLUID,FUEL - STARVATION
2. (C) FUEL TANK SELECTOR POSITION - IMPROPER - PILOT IN COMMAND

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

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Occurrence #3: ON GROUND/WATER COLLISION WITH OBJECT  
Phase of Operation: LANDING - ROLL

Findings

3. (F) OBJECT - FENCE

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	27, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Unknown
<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 2 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	June 9, 1986
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	355 hours (Total, all aircraft), 15 hours (Total, this make and model), 255 hours (Pilot In Command, all aircraft), 20 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	FAIRCHILD	<b>Registration:</b>	N46836
<b>Model/Series:</b>	M-62A-3 M-62A-3	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	FV-703
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	May 13, 1988 100 hour	<b>Certified Max Gross Wt.:</b>	2800 lbs
<b>Time Since Last Inspection:</b>	3 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	1888 Hrs	<b>Engine Manufacturer:</b>	RANGER
<b>ELT:</b>	Not installed	<b>Engine Model/Series:</b>	C-440-C5
<b>Registered Owner:</b>	AIR MUSEUM	<b>Rated Power:</b>	200 Horsepower
<b>Operator:</b>	AIR MUSEUM	<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>	CNO ,650 ft msl	<b>Distance from Accident Site:</b>	1 Nautical Miles
<b>Observation Time:</b>	16:33 Local	<b>Direction from Accident Site:</b>	30°
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	7 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	10 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	230°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29 inches Hg	<b>Temperature/Dew Point:</b>	
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	CHINO , CA (CNO )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	VFR
<b>Departure Time:</b>	16:15 Local	<b>Type of Airspace:</b>	Class E

## Airport Information

<b>Airport:</b>	CNO	<b>Runway Surface Type:</b>	Dirt
<b>Airport Elevation:</b>	650 ft msl	<b>Runway Surface Condition:</b>	Dry;Rough
<b>Runway Used:</b>	0	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	0 ft / 0 ft	<b>VFR Approach/Landing:</b>	Forced landing

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<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>	1 Minor, 1 None	<b>Latitude, Longitude:</b>	34.0004,-117.680061(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Eckrote, Debra
<b>Additional Participating Persons:</b>	ROGER BROWNLOW; IVERSIDE , CA
<b>Original Publish Date:</b>	June 9, 1989
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=26000">https://data.nts.gov/Docket?ProjectID=26000</a>

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