



# Aviation Investigation Final Report

<b>Location:</b>	GLEN CANYON, Utah	<b>Accident Number:</b>	DEN85LA174
<b>Date &amp; Time:</b>	June 24, 1985, 09:30 Local	<b>Registration:</b>	N4547A
<b>Aircraft:</b>	PIPER PA-22-150	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	3 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE PLT BECAME LOST/DISORIENTED NEAR THE END OF A X-COUNTRY FLT FROM WEST JORDAN TO BLANDING, UTAH. WHEN FUEL QUANTITY BECAME LOW, THE PLT DECIDED TO MAKE A PRECAUTIONARY LANDING ON A DIRT ROAD. DURING THE LANDING FALRE, A X-WIND GUST DRIFTED THE ACFT TO THE LEFT AND THE WING TIP SCRAPED A DIRT BANK. THE PLT SAID HE OVERCORRECTED WITH RIGHT RUDDER AND THE ACFT WENT OFF THE RIGHT SIDE OF THE ROAD AND CAME TO A STOP.

## Probable Cause and Findings

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

### Findings

Occurrence #1: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

#### Findings

1. (F) BECAME LOST/DISORIENTED - INADVERTENT - PILOT IN COMMAND
2. (F) RADAR ASSISTANCE TO VFR AIRCRAFT - NOT OBTAINED - PILOT IN COMMAND
3. (F) FLUID,FUEL - LOW LEVEL
4. (F) PRECAUTIONARY LANDING - PERFORMED - PILOT IN COMMAND
5. (F) WEATHER CONDITION - CROSSWIND
6. (F) WEATHER CONDITION - GUSTS

7. (C) UNSUITABLE TERRAIN OR TAKEOFF/LANDING/TAXI AREA - SELECTED - PILOT IN COMMAND
8. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	63, 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>	March 27, 1985
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	287 hours (Total, all aircraft), 138 hours (Total, this make and model), 233 hours (Pilot In Command, all aircraft), 15 hours (Last 90 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	PIPER	<b>Registration:</b>	N4547A
<b>Model/Series:</b>	PA-22-150 PA-22-150	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	22-3856
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	July 18, 1984 Annual	<b>Certified Max Gross Wt.:</b>	1950 lbs
<b>Time Since Last Inspection:</b>	54 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	4149 Hrs	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed, activated, did not aid in locating accident	<b>Engine Model/Series:</b>	O-320-A1A
<b>Registered Owner:</b>	H. REED BLACK	<b>Rated Power:</b>	150 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>	4BL	<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>	13:45 Local	<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Scattered / 12000 ft AGL	<b>Visibility</b>	20 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	330°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	32°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	WEST JORDAN , UT (U42 )	<b>Type of Flight Plan Filed:</b>	VFR
<b>Destination:</b>	BLANDING , UT (BDG )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	06:13 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

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

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	2 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	3 None	<b>Latitude, Longitude:</b>	37.27008,-112.230018(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Scott, Arnold
<b>Additional Participating Persons:</b>	DICK    RUNDELL; SALT LAKE CITY , UT
<b>Original Publish Date:</b>	
<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=16713">https://data.nts.gov/Docket?ProjectID=16713</a>

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