



# Aviation Investigation Final Report

<b>Location:</b>	MORGAN, Utah	<b>Accident Number:</b>	SEA92LA186
<b>Date &amp; Time:</b>	August 23, 1992, 20:30 Local	<b>Registration:</b>	N2169A
<b>Aircraft:</b>	PIPER PA-22-135	<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 PILOT ATTEMPTED TO EXECUTE A LANDING TO RUNWAY 21 AT THE AIRPORT. THE AIRPORT MANAGER REPORTED THAT THE LANDING OCCURRED DURING DARKNESS AND THAT THE AIRPORT'S RUNWAY WAS UNLIGHTED. ON SITE EXAMINATION OF TRACKS FROM THE AIRCRAFT INDICATED THAT IT TOUCHED DOWN 1170 FEET SHORT OF AND SLIGHTLY LEFT OF THE RUNWAY AND ROLLED 525 FEET BEFORE COLLIDING WITH A GRAVEL EMBANKMENT AFTER WHICH THE AIRCRAFT NOSED OVER.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: POOR INFLIGHT PLANNING/DECISION BY THE PILOT IN COMMAND. FACTORS CONTRIBUTING TO THE ACCIDENT WERE: THE GRAVEL/DIRT BANK, NIGHT ENVIRONMENTAL CONDITIONS, AND RUNWAY LIGHTING UNAVAILABLE.

## Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER  
Phase of Operation: LANDING

### Findings

1. (F) TERRAIN CONDITION - DIRT BANK/RISING EMBANKMENT
2. (F) LIGHT CONDITION - NIGHT

3. (F) AIRPORT FACILITIES,RUNWAY EDGE LIGHTS - UNAVAILABLE
4. (C) IN-FLIGHT PLANNING/DECISION - POOR - PILOT IN COMMAND

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	55, 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--w/ waivers/lim	<b>Last FAA Medical Exam:</b>	November 5, 1991
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	900 hours (Total, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	PIPER	<b>Registration:</b>	N2169A
<b>Model/Series:</b>	PA-22-135 PA-22-135	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	22-585
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	January 2, 1900 Annual	<b>Certified Max Gross Wt.:</b>	1950 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed	<b>Engine Model/Series:</b>	O-290
<b>Registered Owner:</b>	HUGHES, PHILIP D.	<b>Rated Power:</b>	135 Horsepower
<b>Operator:</b>	HUGHES, PHILIP D.	<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>	Night/dark
<b>Observation Facility, Elevation:</b>	OGD ,4470 ft msl	<b>Distance from Accident Site:</b>	11 Nautical Miles
<b>Observation Time:</b>	20:45 Local	<b>Direction from Accident Site:</b>	270°
<b>Lowest Cloud Condition:</b>	Scattered / 16000 ft AGL	<b>Visibility</b>	25 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>	0°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	18°C / -3°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	IDAHO FALLS , ID (IDA )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	19:00 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	MORGAN COUNTY 42U	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	5020 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	21	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	3800 ft / 50 ft	<b>VFR Approach/Landing:</b>	Full stop

## 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>	41.010944,-111.67031(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Mccreary, Steven
<b>Additional Participating Persons:</b>	E. GONZALES; SALT LAKE CITY , UT
<b>Original Publish Date:</b>	September 14, 1993
<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=42883">https://data.nts.gov/Docket?ProjectID=42883</a>

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