



National Transportation Safety Board Aviation Accident Data Summary

Location:	RIVERTON, WY	Accident Number:	SEA93LA072
Date & Time:	03/02/1993, 2235 MST	Registration:	N821SC
Aircraft:	PIPER PA-32-260	Injuries:	2 Minor, 3 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT OBSERVED THAT THE AIRCRAFT WAS NOT PRODUCING EXPECTED POWER, AND ASSURED DURING THE TAKEOFF GROUND RUN THAT THE PROPELLER, THROTTLE, AND MIXTURE CONTROLS WERE FULL FORWARD. THE TAKEOFF USED ABOUT HALF THE LENGTH OF THE 8202 FOOT RUNWAY. THE AIRCRAFT LIFTED OFF, CLIMBED TO ABOUT 50 FEET AND WOULD NOT CLIMB. THE AIRCRAFT STRUCK A LIGHT POLE AND CRASHED IN A FIELD ABOUT 1.5 MILES FROM THE AIRPORT. ALTHOUGH THE PILOT NOTED THAT HE HAD EXPECTED TO TAKEOFF GROUND RUN TO BE ABOUT 2000 FEET, HE FAILED TO ABORT THE TAKEOFF.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
THE PILOT DID NOT PERFORM AN ABORT OF THE TAKEOFF AFTER OBSERVING A PARTIAL LOSS OF POWER. FACTORS INCLUDE IMPROPER USE OF THE MIXTURE CONTROL.

Findings

Occurrence #1: LOSS OF ENGINE POWER(PARTIAL) - NONMECHANICAL
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (F) MIXTURE - IMPROPER USE OF - PILOT IN COMMAND
 2. (C) ABORT - NOT PERFORMED - PILOT IN COMMAND
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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - INITIAL CLIMB

Pilot Information

Certificate:	Commercial	Age:	27
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	810 hours (Total, all aircraft), 55 hours (Total, this make and model), 632 hours (Pilot In Command, all aircraft), 13 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N821SC
Model/Series:	PA-32-260 PA-32-260	Engines:	1 Reciprocating
Operator:	KARL T. LIEB	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-540-E4B5
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	RIW, 5525 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	5 knots / , 290°
Temperature:	-9° C	Visibility	0 Miles
Precipitation and Obscuration:			
Departure Point:	(RIW)	Destination:	PIERRE, SD (P1R)

Airport Information

Airport:	RIVERTON REGIONAL (RIW)	Runway Surface Type:	Asphalt
Runway Used:	28	Runway Surface Condition:	Dry
Runway Length/Width:	8202 ft / 150 ft		

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Minor, 3 None	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None

Latitude, Longitude:

Administrative Information

Investigator In Charge (IIC):	MICHAEL L STOCKHILL	Adopted Date:	10/13/1993
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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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