



National Transportation Safety Board Aviation Accident Data Summary

Location:	LINCOLN, NE	Accident Number:	CHI95LA051
Date & Time:	12/03/1994, 1330 CST	Registration:	N234PC
Aircraft:	P. D. CHAMBERS SWIFT PC-1V8	Injuries:	2 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE EXPERIMENTAL AIRPLANE WAS PERFORMING TOUCH AND GO LANDINGS. THE ENGINE WAS A 330 HORSEPOWER BUICK V-8, APPROVED FOR THE USE OF AUTOMOTIVE GASOLINE FUEL. THE LOCATION OR TIME OF THE LAST REFUELING IS UNKNOWN. SEVERAL WITNESSES DESCRIBED A CESSATION OF ENGINE NOISE, AND THE AIRPLANE DESCENDING VERTICALLY IN A SPIN. THERE WAS NO EVIDENCE OF ROTATION ON THE PROPELLER AT IMPACT, AND WATER WAS FOUND IN THE CARBURETOR.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain control of the airplane, resulting in a stall-spin. Factors were an inadequate preflight and the loss of engine power resulting from water contamination in the automotive fuel.

Findings

Occurrence #1: LOSS OF ENGINE POWER(PARTIAL) - NONMECHANICAL
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (F) FLUID,FUEL - CONTAMINATION
2. (F) AIRCRAFT PREFLIGHT - INADEQUATE - PILOT IN COMMAND
3. (F) FLUID - WATER

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

Occurrence #3: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: EMERGENCY DESCENT/LANDING

Findings

4. (C) STALL/SPIN - ENCOUNTERED - PILOT IN COMMAND

Occurrence #4: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Findings

5. TERRAIN CONDITION - OPEN FIELD

Pilot Information

Certificate:	Private	Age:	43
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	3000 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	P. D. CHAMBERS	Registration:	N234PC
Model/Series:	SWIFT PC-1V8 SWIFT PC-1	Engines:	1 Reciprocating
Operator:	PATRICK CHAMBERS	Engine Manufacturer:	BUICK
Operating Certificate(s) Held:	None	Engine Model/Series:	V-8
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	LNK, 1214 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / , 360°
Temperature:	10° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	(PVT)	Destination:	, NE (PVT)

Airport Information

Airport:	CHAMBERS AIRSTRIP (PVT)	Runway Surface Type:	
Runway Used:	35	Runway Surface Condition:	Dry; Soft
Runway Length/Width:	2600 ft		

Wreckage and Impact Information

Crew Injuries:	2 Fatal	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): MATTHEW L THOMAS

Adopted Date: 05/09/1995

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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