



National Transportation Safety Board Aviation Accident Data Summary

Location:	JERSEYVILLE, IL	Accident Number:	CHI91LA055
Date & Time:	01/01/1991, 1935 CST	Registration:	N735YN
Aircraft:	CESSNA 182Q	Injuries:	1 Minor, 1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

AT NIGHT IN VMC THE PILOT ELECTED TO MAKE A LOW APPROACH TO DETERMINE RUNWAY CONDITIONS. UPON DETERMINING THAT THE RUNWAY WAS ICE COVERED, HE ATTEMPTED TO GO AROUND, HOWEVER THE ENGINE DID NOT RESPOND. A LANDING WAS INITIATED ON THE RUNWAY AND AFTER TOUCHDOWN THE ENGINE RESPONDED AND AN ABORTED LANDING WAS INITIATED. DURING INITIAL CLIMB THE ENGINE LOST POWER AND AN EMERGENCY LANDING WAS INITIATED ON THE REMAINING RUNWAY. THE PILOT WAS UNABLE TO STOP THE AIRCRAFT ON THE REMAINING RUNWAY AND IMPACTED A FENCE AT THE END OF THE RUNWAY. THE PILOT STATED THAT THE TEMPERATURE WAS 26 DEGREES. HE INDICATED THAT HE HAD BEEN USING CARBURETOR HEAT.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: LOSS OF ENGINE POWER FOR UNDETERMINED REASONS AND THE ICY RUNWAY CONDITIONS.

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: LANDING - ABORTED

Findings

1. (C) REASON FOR OCCURRENCE UNDETERMINED
2. ABORTED LANDING - ATTEMPTED - PILOT IN COMMAND
3. WEATHER CONDITION - CARBURETOR ICING CONDITIONS

Occurrence #2: OVERRUN
Phase of Operation: LANDING - ROLL

Findings

4. (C) TERRAIN CONDITION - ICY
5. (C) BRAKES(NORMAL) - NOT POSSIBLE - PILOT IN COMMAND
6. OBJECT - FENCE

Pilot Information

Certificate:	Private	Age:	53
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	
Flight Time:	300 hours (Total, all aircraft), 123 hours (Total, this make and model), 189 hours (Pilot In Command, all aircraft), 25 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N735YN
Model/Series:	182Q 182Q	Engines:	1 Reciprocating
Operator:	JERSEYVILLE SPORT FLYERS, INC.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-470-U
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	CPS, 413 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Overcast / 500 ft agl	Wind Speed/Gusts, Direction:	5 knots / , 150°
Temperature:		Visibility	2 Miles
Precipitation and Obscuration:			
Departure Point:	COLUMBUS, GA (CSG)	Destination:	ALTON, IL (ALN)

Airport Information

Airport:	JERSEYVILLE AIRPORT (OK5)	Runway Surface Type:	Grass/turf
Runway Used:	36	Runway Surface Condition:	Ice
Runway Length/Width:	2500 ft / 100 ft		

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): Stephen A Wilson

Adopted Date: 03/31/1993

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/>.

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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