



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	JERSEYVILLE, IL	<b>Accident Number:</b>	CHI91LA055
<b>Date &amp; Time:</b>	01/01/1991, 1935 CST	<b>Registration:</b>	N735YN
<b>Aircraft:</b>	CESSNA 182Q	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor, 1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## 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 and Findings

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

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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
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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

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	53, 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>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>		<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--w/ waivers/lim.	<b>Last FAA Medical Exam:</b>	11/28/1990
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	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

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N735YN
<b>Model/Series:</b>	182Q 182Q	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	182-65792
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	10/16/1990, 100 Hour	<b>Certified Max Gross Wt.:</b>	2950 lbs
<b>Time Since Last Inspection:</b>	96 Hours	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	2369 Hours	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Installed, activated, did not aid in locating accident	<b>Engine Model/Series:</b>	O-470-U
<b>Registered Owner:</b>	JERSEYVILLE SPORT FLYERS, INC.	<b>Rated Power:</b>	230 hp
<b>Operator:</b>	JERSEYVILLE SPORT FLYERS, INC.	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	CPS, 413 ft msl	Distance from Accident Site:	33 Nautical Miles
Observation Time:	1950 CST	Direction from Accident Site:	170°
Lowest Cloud Condition:	Unknown / 500 ft agl	Visibility	2 Miles
Lowest Ceiling:	Overcast / 500 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	150°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:			
Departure Point:	COLUMBUS, GA (CSG)	Type of Flight Plan Filed:	IFR
Destination:	ALTON, IL (ALN)	Type of Clearance:	VFR
Departure Time:	0000	Type of Airspace:	Class G

## Airport Information

Airport:	JERSEYVILLE AIRPORT (0K5)	Runway Surface Type:	Grass/turf
Airport Elevation:	604 ft	Runway Surface Condition:	Ice
Runway Used:	36	IFR Approach:	None
Runway Length/Width:	2500 ft / 100 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

## 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
Total Injuries:	1 Minor, 1 None	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):	Stephen A Wilson	Report Date:	03/31/1993
Additional Participating Persons:	-; SPRINGFIELD, IL		
Publish Date:			
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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).