



# Aviation Investigation Final Report

<b>Location:</b>	MOBERLY, Missouri	<b>Accident Number:</b>	MKC82DA034
<b>Date &amp; Time:</b>	February 13, 1982, 19:00 Local	<b>Registration:</b>	N4822B
<b>Aircraft:</b>	CESSNA 152	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Instructional		

## Analysis

THE PILOT HAD MADE FIVE LANDINGS PRIOR TO THE MISHAP. THE FINAL LANDING WAS MADE ON RUNWAY 12 AT NIGHT WITH THE WIND FROM 180 DEGREES AT NINE KNOTS. THERE WAS SNOW ON THE EDGES OF THE RUNWAY. THE PILOT REPORTED THAT HE FAILED TO KEEP THE PLANE IN THE CENTER OF THE RUNWAY, ENCOUNTERED SNOW, AND WAS PULLED INTO SNOW THAT WAS PILED BESIDE THE RUNWAY.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

### Findings

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

#### Findings

1. LIGHT CONDITION - DARK NIGHT
  2. (F) WEATHER CONDITION - CROSSWIND
  3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
  4. GROUND LOOP/SWERVE - INADVERTENT - PILOT IN COMMAND
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER

Phase of Operation: LANDING - ROLL

Findings

5. (F) AIRPORT FACILITIES, RUNWAY/LANDING AREA CONDITION - SNOWBANK

## Factual Information

### Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	30, Male
<b>Airplane Rating(s):</b>		<b>Seat Occupied:</b>	Unknown
<b>Other Aircraft Rating(s):</b>		<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	December 14, 1981
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	37 hours (Total, all aircraft), 37 hours (Total, this make and model), 18 hours (Pilot In Command, all aircraft), 14 hours (Last 90 days, all aircraft), 14 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N4822B
<b>Model/Series:</b>	152 152	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>		<b>Serial Number:</b>	15283655
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	Unknown	<b>Certified Max Gross Wt.:</b>	1670 lbs
<b>Time Since Last Inspection:</b>	50 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	927 Hrs	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed	<b>Engine Model/Series:</b>	O-235-L2E
<b>Registered Owner:</b>	JOHN A. REINE	<b>Rated Power:</b>	110 Horsepower
<b>Operator:</b>	JOHN C. THOMPSON	<b>Operating Certificate(s) Held:</b>	
<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>	MBY	<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>	00:11 Local	<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Unknown	<b>Visibility</b>	
<b>Lowest Ceiling:</b>	Unknown	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	9 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	180°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	MOBERLY , MO (MBY)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	MOBERLY , MO (MBY)	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	17:45 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	BRADLEY MBY	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	0 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	12	<b>IFR Approach:</b>	
<b>Runway Length/Width:</b>	4680 ft / 0 ft	<b>VFR Approach/Landing:</b>	Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	Unknown
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	Unknown
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	39.409526,-92.430397(est)

## Administrative Information

**Investigator In Charge (IIC):**

**Additional Participating Persons:**

**Original Publish Date:** February 13, 1983

**Last Revision Date:**

**Investigation Class:** [Class](#)

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=71734>

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