



# Aviation Investigation Final Report

<b>Location:</b>	STRONGVILLE, Ohio	<b>Accident Number:</b>	CHI82DA210
<b>Date &amp; Time:</b>	June 14, 1982, 21:00 Local	<b>Registration:</b>	N2228L
<b>Aircraft:</b>	BEECH C23	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE PILOT REPORTED THAT HE HAD LANDED LONG IN CALM WIND CONDITIONS AT DUSK. HE STATED THAT HE COULD NOT STOP, AND TO AVOID GOING OFF THE END OF THE RUNWAY, HE TRIED TO GROUND LOOP TO THE LEFT. THE AIRCRAFT ENTERED A RUN-UP AREA AT THE END OF THE RUNWAY WHERE IT COLLIDED WITH PARKED CESSNA 152, N64853. THE CESSNA RECEIVED MINOR DAMAGE.

## Probable Cause and Findings

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

### Findings

Occurrence #1: OVERRUN  
Phase of Operation: LANDING - ROLL

#### Findings

1. (F) LIGHT CONDITION - DUSK
  2. (C) DISTANCE - MISJUDGED - PILOT IN COMMAND
  3. (C) AIRSPEED - MISJUDGED - PILOT IN COMMAND
  4. (F) LACK OF FAMILIARITY WITH AIRCRAFT - PILOT IN COMMAND
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Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT

Phase of Operation: LANDING - ROLL

Findings

5. GROUND LOOP/SWERVE - INTENTIONAL - PILOT IN COMMAND
6. (F) OBJECT - AIRCRAFT PARKED/STANDING
7. (C) CLEARANCE - MISJUDGED - PILOT IN COMMAND

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	48, Male
<b>Airplane Rating(s):</b>	Single-engine land	<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>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical-w/ waivers/lim	<b>Last FAA Medical Exam:</b>	August 25, 1981
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	146 hours (Total, all aircraft), 7 hours (Total, this make and model), 84 hours (Pilot In Command, all aircraft), 11 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	BEECH	<b>Registration:</b>	N2228L
<b>Model/Series:</b>	C23 C23	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>		<b>Serial Number:</b>	M.1883
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	Unknown	<b>Certified Max Gross Wt.:</b>	2350 lbs
<b>Time Since Last Inspection:</b>	0 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	1400 Hrs	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed	<b>Engine Model/Series:</b>	O-360-A4K
<b>Registered Owner:</b>	THOMAS J. DONOVAN	<b>Rated Power:</b>	180 Horsepower
<b>Operator:</b>	THOMAS J. DONOVAN	<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>	Dusk
<b>Observation Facility, Elevation:</b>	,0 ft msl	<b>Distance from Accident Site:</b>	0 Nautical Miles
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	0°
<b>Lowest Cloud Condition:</b>	Clear / 0 ft AGL	<b>Visibility</b>	20 miles
<b>Lowest Ceiling:</b>	Unknown / 0 ft AGL	<b>Visibility (RVR):</b>	0 ft
<b>Wind Speed/Gusts:</b>	0 knots / 0 knots	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	0°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	70°C / 0°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	STRONGVILLE , OH (1G6)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	STRONGVILLE , OH (1G6)	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	20:15 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	STRONGSVILLE 1G6	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	0 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	27	<b>IFR Approach:</b>	
<b>Runway Length/Width:</b>	2865 ft / 36 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>	1 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 None	<b>Latitude, Longitude:</b>	41.399066,-81.820091(est)

## Administrative Information

**Investigator In Charge (IIC):** DennisHogenson

**Additional Participating Persons:**

**Original Publish Date:** June 14, 1983

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=69203>

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