



# Aviation Investigation Final Report

<b>Location:</b>	DECATUR, Illinois	<b>Accident Number:</b>	CHI87LA006
<b>Date &amp; Time:</b>	October 22, 1986, 13:55 Local	<b>Registration:</b>	N2896N
<b>Aircraft:</b>	CESSNA 120	<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 STATED THAT HE WAS PRACTICING CROSSWIND LANDINGS ON RUNWAY 24 WHEN THE AIRPLANE BOUNCED TWICE. ACCORDING TO THE PILOT, HE IMMEDIATELY ADDED POWER AND THEN LOST DIRECTIONAL CONTROL OF THE AIRPLANE AND GROUND LOOPED TO THE LEFT. FOLLOWING THE GROUND LOOP, THE AIRCRAFT SWERVED TO THE RIGHT AND RAN OFF THE RUNWAY. FIVE MINUTES PRIOR TO THE ACCIDENT, HOWEVER, THE DECATUR FSS REPORTED WINDS FROM 210 DEGREES AT 14 KNOTS.

## 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 - FLARE/TOUCHDOWN

#### Findings

1. (F) WEATHER CONDITION - CROSSWIND
  2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
  3. (C) GROUND LOOP/SWERVE - UNCONTROLLED - PILOT IN COMMAND
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: LANDING - ROLL

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	57, 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>	
<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--no waivers/lim.	<b>Last FAA Medical Exam:</b>	August 19, 1986
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	1094 hours (Total, all aircraft), 55 hours (Total, this make and model), 994 hours (Pilot In Command, all aircraft), 30 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N2896N
<b>Model/Series:</b>	120 120	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	13157
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	August 30, 1986 Annual	<b>Certified Max Gross Wt.:</b>	1450 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	3255 Hrs	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	C-85-12
<b>Registered Owner:</b>	NORMAN E. HAWBAKER	<b>Rated Power:</b>	85 Horsepower
<b>Operator:</b>	NORMAN E. HAWBAKER	<b>Operating Certificate(s) Held:</b>	None
<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>	Day
<b>Observation Facility, Elevation:</b>	DEC ,679 ft msl	<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>	13:50 Local	<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Scattered / 7000 ft AGL	<b>Visibility</b>	6 miles
<b>Lowest Ceiling:</b>	Broken / 10000 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	14 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	210°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	22°C / 13°C
<b>Precipitation and Obscuration:</b>	N/A - None - Haze		
<b>Departure Point:</b>		<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	13:45 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	DECATUR AIRPORT DEC	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	679 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	24	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	6497 ft / 150 ft	<b>VFR Approach/Landing:</b>	Touch and go;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>	39.849369,-88.929275(est)

## Administrative Information

**Investigator In Charge (IIC):** Dinwiddie, Carl

**Additional Participating Persons:**  
S. TROKA; DES PLAINES , IL  
A. CARMIEEN; DES PLAINES , IL

**Original Publish Date:**

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=13679>

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