



# Aviation Investigation Final Report

<b>Location:</b>	WEEPING WATER, Nebraska	<b>Accident Number:</b>	CHI93LA014
<b>Date &amp; Time:</b>	October 22, 1992, 09:00 Local	<b>Registration:</b>	N5592H
<b>Aircraft:</b>	PIPER PA-20	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE PILOT LANDED WITH FLAPS. AS THE AIRPLANE ROLLED OUT, THE PILOT LOOKED DOWN AND REACHED FOR THE MANUAL LEVER TO RAISE THE FLAPS. WHEN SHE NEXT LOOKED ABOVE THE CONTROL PANEL, THE AIRPLANE WAS HEADED RIGHT OF THE RUNWAY AND DOWNHILL.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S FAILURE TO MAINTAIN DIRECTIONAL CONTROL.

## Findings

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

### Findings

1. RAISING OF FLAPS - ATTEMPTED - PILOT IN COMMAND
2. DIVERTED ATTENTION - PILOT IN COMMAND
3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: LANDING - ROLL

Findings

4. TERRAIN CONDITION - RAVINE

## Factual Information

### Pilot Information

<b>Certificate:</b>	Commercial; Flight instructor	<b>Age:</b>	28,Female
<b>Airplane Rating(s):</b>	Single-engine land; Multi-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	Airplane single-engine	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	June 18, 1992
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	904 hours (Total, all aircraft), 14 hours (Total, this make and model), 832 hours (Pilot In Command, all aircraft), 48 hours (Last 90 days, all aircraft), 11 hours (Last 30 days, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	PIPER	<b>Registration:</b>	N5592H
<b>Model/Series:</b>	PA-20 PA-20	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	20-660
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	October 16, 1992 Annual	<b>Certified Max Gross Wt.:</b>	1800 lbs
<b>Time Since Last Inspection:</b>	5 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	2767 Hrs	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-290-D
<b>Registered Owner:</b>	PACER PILOTS, INC	<b>Rated Power:</b>	125 Horsepower
<b>Operator:</b>	PACER PILOTS, INC	<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>	LNK ,1214 ft msl	<b>Distance from Accident Site:</b>	32 Nautical Miles
<b>Observation Time:</b>	08:50 Local	<b>Direction from Accident Site:</b>	255°
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	15 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	15 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	190°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	18°C / 14°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	OMAHA , NE (74NE)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	(EPG )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	08:40 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	BROWNS EPG	<b>Runway Surface Type:</b>	Gravel
<b>Airport Elevation:</b>	1183 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	17	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	2200 ft / 60 ft	<b>VFR Approach/Landing:</b>	Full stop

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 Minor	<b>Latitude, Longitude:</b>	40.860794,-96.130065(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Vallaster, J
<b>Additional Participating Persons:</b>	F. JAMES WESLEY; LINCOLN , NE HELEN D KNIGHT; LINCOLN , NE
<b>Original Publish Date:</b>	June 21, 1993
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=15610">https://data.nts.gov/Docket?ProjectID=15610</a>

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