



National Transportation Safety Board Aviation Accident Data Summary

Location:	Pierre, SD	Accident Number:	CHI01LA306
Date & Time:	09/02/2001, 1215 CDT	Registration:	N4215Y
Aircraft:	Bellanca 7GCBC	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The airplane was damaged when it ground looped while landing. In his written statement, the pilot said that while performing a practice short field landing, a gust of wind, "...picked aircraft from runway - placing it about a 30 [degree] angle to [the] direction of travel - with addition of power and control inputs, I was not able to correct before returning to runway. Resultant ground loop damaged landing gear and wing..." The weather reporting station located at the accident airport recorded the wind at 1153 as variable direction at 4 knots. No gusts were listed on the 1153 report.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The pilot not maintaining directional control of the airplane during landing.

Findings

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

Findings

1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

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

Pilot Information

Certificate:	Private	Age:	51
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	425 hours (Total, all aircraft), 6 hours (Total, this make and model), 363 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Bellanca	Registration:	N4215Y
Model/Series:	7GCBC	Engines:	1 Reciprocating
Operator:	Kenneth L. McGirr	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-A2D
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	PIR, 1742 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	4 knots / , Variable
Temperature:	34° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Pierre, SD (PIR)	Destination:	

Airport Information

Airport:	PIERRE REGIONAL (PIR)	Runway Surface Type:	Asphalt
Runway Used:	13	Runway Surface Condition:	Dry
Runway Length/Width:	6891 ft / 150 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	John M Brannen	Adopted Date:	06/04/2002
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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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