



National Transportation Safety Board Aviation Accident Data Summary

Location:	Loveland, CO	Accident Number:	DEN07CA111
Date & Time:	07/01/2007, 0945 MDT	Registration:	N180EV
Aircraft:	Cessna 180A	Injuries:	4 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported encountering a gust of wind on landing causing the airplane to ground loop. The pilot and three passengers on board were not injured. An examination of the airplane showed the left wing bent aft. The left main landing gear was broken aft. The airplane's firewall was bent. The cowling was crushed inward and aft. The propeller showed torsional bending at the blade tips. The left horizontal stabilizer and elevator were bent aft. Flight control continuity was confirmed. An examination of the airplane's systems showed no anomalies. The reported wind conditions for the airport 10 minutes after the accident occurred were 180 degrees at 5 knots. The wind conditions were calm 30 minutes prior to the accident.

Probable Cause

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

Findings

2. TERRAIN CONDITION - RUNWAY

Pilot Information

Certificate:	Private	Age:	77
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	2545 hours (Total, all aircraft), 1381 hours (Total, this make and model), 29 hours (Last 90 days, all aircraft), 24 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N180EV
Model/Series:	180A	Engines:	1 Reciprocating
Operator:	Richard H. Otteman	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	O-470-K
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:		Weather Information Source:	Pilot
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	5 knots / , 180°
Temperature:	18° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Pender, NE (OV4)	Destination:	Loveland, CO (FNL)

Airport Information

Airport:	FORT COLLINS-LOVELAND MUNI (FNL)	Runway Surface Type:	
Runway Used:		Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	3 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	
Latitude, Longitude:	40.451944, -105.011389		

Administrative Information

Investigator In Charge (IIC):	David C Bowling	Adopted Date:	08/30/2007
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
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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