



National Transportation Safety Board Aviation Accident Data Summary

Location:	Santa Fe, NM	Accident Number:	DEN05CA001
Date & Time:	10/01/2004, 1500 MDT	Registration:	N714MX
Aircraft:	Cessna 185F	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

According to the pilot, he was performing touch and go landings on runway 20. During the landing roll, the pilot encountered a wind gust from the left which "weather cocked the plane to about 15 degrees left of centerline." The pilot stated that he applied power and full right rudder but was not able to straighten the airplane. He reduced engine power and applied brakes. The aircraft looped to the left and the right wing and elevator impacted the runway causing substantial damage. An inspection of the airplane systems revealed no anomalies. According to the Aviation Routine Weather Report at 1502 winds were recorded as 150 degrees at 7 knots with gusts to 15 knots.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's failure to maintain aircraft control during the landing roll resulting in a ground loop. Contributing to the accident was the crosswind.

Findings

Occurrence #1: ON GROUND/WATER ENCOUNTER WITH WEATHER
Phase of Operation: LANDING - ROLL

Findings

1. (F) WEATHER CONDITION - CROSSWIND

Occurrence #2: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

2. (C) AIRCRAFT CONTROL - NOT MAINTAINED - PILOT IN COMMAND
3. GROUND LOOP/SWERVE

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Findings

4. TERRAIN CONDITION - RUNWAY

Pilot Information

Certificate:	Commercial	Age:	52
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	3725 hours (Total, all aircraft), 19 hours (Total, this make and model), 3466 hours (Pilot In Command, all aircraft), 19 hours (Last 90 days, all aircraft), 19 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N714MX
Model/Series:	185F	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-520D
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Dawn
Observation Facility, Elevation:	SAF, 6344 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	7 knots / 15 knots, 150°
Temperature:	19° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Sante Fe, NM (SAF)	Destination:	Sante Fe, NM (SAF)

Airport Information

Airport:	Santa Fe Municipal Airport (SAF)	Runway Surface Type:	Asphalt
Runway Used:	200	Runway Surface Condition:	Dry
Runway Length/Width:	8342 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:	35.616667, -106.088333		

Administrative Information

Investigator In Charge (IIC):	David C Bowling	Adopted Date:	12/28/2004
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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