



National Transportation Safety Board Aviation Accident Data Summary

Location:	Santa Teresa, NM	Accident Number:	FTW02LA135
Date & Time:	05/02/2002, 1230 MDT	Registration:	N7504W
Aircraft:	Piper PA-28-180	Injuries:	2 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

During, the landing on runway 28, the airplane veered off the runway when it encountered gusty crosswinds. The nearest weather observation facility (located approximately 22 nautical miles east of the accident site) reported the wind from 220 degrees at 9 knots with gusts to 16 knots. Further, the wind was reported as variable from 180 degrees to 260 degrees.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's inadequate compensation for the gusty crosswind conditions resulting in a loss of control of the airplane during the landing. A contributing factor was the gusty crosswind.

Findings

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

Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (F) WEATHER CONDITION - GUSTS
3. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND

Pilot Information

Certificate:	Private	Age:	64
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	469 hours (Total, all aircraft), 460 hours (Total, this make and model), 394 hours (Pilot In Command, all aircraft), 12 hours (Last 90 days, all aircraft), 12 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N7504W
Model/Series:	PA-28-180	Engines:	1 Reciprocating
Operator:	PIR, Inc.	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-360-A3A1
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:	ELP, 3958 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 20000 ft agl	Wind Speed/Gusts, Direction:	9 knots / 16 knots, 220°
Temperature:	26° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	San Angelo, TX (SJT)	Destination:	Deming, NM (DMN)

Airport Information

Airport:	Santa Teresa (5T6)	Runway Surface Type:	Asphalt
Runway Used:	28	Runway Surface Condition:	Dry
Runway Length/Width:	8500 ft / 100 ft		

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	1 Minor	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:	31.881111, -106.704722		

Administrative Information

Investigator In Charge (IIC):	Joyce Roach	Adopted Date:	04/08/2003
Investigation Docket:	NTSB accident and incident docket 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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