



National Transportation Safety Board Aviation Accident Data Summary

Location:	Navajo Dam, NM	Accident Number:	FTW02LA170
Date & Time:	06/01/2002, 1940 MDT	Registration:	N364SR
Aircraft:	Cessna 172E	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

During a touch and go landing, the pilot initiated a slight right turn to avoid striking a bird, and at which time, a wind gust pushed the airplane to the right. The pilot reduced engine power, aborted the takeoff, and the airplane veered off the right side of the runway. Subsequently, the right wing struck a tree, the airplane pivoted around the tree, and then the left wing contacted the ground. The pilot stated the wind was from the west-southwest and gusting.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's failure maintain directional control of the airplane during a touch and go landing which resulted in a collision with trees. A contributing factor was the gusting wind conditions.

Findings

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

Findings

1. (F) WEATHER CONDITION - GUSTS
 2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
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Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: TAKEOFF - ABORTED

Findings

3. OBJECT - TREE(S)

Student Pilot Information

Certificate:	Student	Age:	46
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	256 hours (Total, all aircraft), 132 hours (Total, this make and model), 256 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N364SR
Model/Series:	172E	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-360-A1A
Flight Conducted Under:	Part 91: General Aviation - Instructional		

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:	15 knots / , 240°
Temperature:	29° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	FARMINGTON, NM (FMN)	Destination:	NAVAJO DAM, NM (1V0)

Airport Information

Airport:	NAVAJO STATE PARK (1V0)	Runway Surface Type:	Asphalt
Runway Used:	24	Runway Surface Condition:	Dry
Runway Length/Width:	4995 ft / 60 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:	36.813889, -107.652500		

Administrative Information

Investigator In Charge (IIC):	Aaron M Sauer	Adopted Date:	04/01/2003
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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