



National Transportation Safety Board Aviation Accident Data Summary

Location:	Conroe, TX	Accident Number:	FTW01LA105
Date & Time:	04/01/2001, 1415 CDT	Registration:	N195S
Aircraft:	Cessna 195B	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot was taking off with a 20-degree left crosswind at 9 knots, and did not use any crosswind takeoff technique. During the takeoff roll, the left wing raised and right wing tip dragged on the ground. The pilot applied full left aileron and right rudder; however, the airplane weather vaned into the wind. As the airplane neared the edge of the runway, the pilot reduced the power, and the airplane nosed over. The pilot stated that he could have prevented the accident by "use[ing] crosswind [takeoff] technique."

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's failure to compensate for the wind conditions during takeoff, which resulted in a ground loop.

Findings

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

Findings

1. (C) COMPENSATION FOR WIND CONDITIONS - NOT PERFORMED - PILOT IN COMMAND
2. GROUND LOOP/SWERVE - ENCOUNTERED - PILOT IN COMMAND

Occurrence #2: NOSE OVER
Phase of Operation: TAKEOFF - ROLL/RUN

Pilot Information

Certificate:	Age: 56
Airplane Rating(s):	Instrument Rating(s):
Other Aircraft Rating(s):	Instructor Rating(s):
Flight Time:	1492 hours (Total, all aircraft), 1343 hours (Total, this make and model), 1365 hours (Pilot In Command, all aircraft), 3 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft)

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N195S
Model/Series:	195B	Engines:	1 Reciprocating
Operator:	David L. Cole	Engine Manufacturer:	Jacobs
Operating Certificate(s) Held:	None	Engine Model/Series:	R755B2
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:	9 knots / , 170°
Temperature:	27° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Conroe, TX (CXO)	Destination:	

Airport Information

Airport:	Montgomery County (CXO)	Runway Surface Type:	Asphalt
Runway Used:	19	Runway Surface Condition:	Dry
Runway Length/Width:	3974 ft / 100 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):	Nicole L Charnon	Adopted Date:	07/30/2001
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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