



National Transportation Safety Board Aviation Accident Data Summary

Location:	FORT WORTH, TX	Accident Number:	FTW99LA040
Date & Time:	12/01/1998, 1203 CST	Registration:	N4755B
Aircraft:	Cessna 152	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

During the full stop landing, the airplane exited the runway and traveled down an incline before coming to rest. The student pilot, sole occupant, reported that this was his second solo flight and that he applied the wrong rudder during the landing roll.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The student pilot's loss of directional control due to improper use of the rudder. A factor was the hilly terrain beyond the departure end of the runway.

Findings

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

Findings

1. (C) RUDDER - IMPROPER USE OF - PILOT IN COMMAND
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
3. (F) TERRAIN CONDITION - MOUNTAINOUS/HILLY

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Student	Age:	19
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	25 hours (Total, all aircraft), 25 hours (Total, this make and model), 25 hours (Last 90 days, all aircraft), 11 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N4755B
Model/Series:	152 152	Engines:	1 Reciprocating
Operator:	MARCO CARUSO	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-235-L2C
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:	FTW, 710 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	7 knots / , 160°
Temperature:	21° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	(FTW)	Destination:	

Airport Information

Airport:	FORT WORTH MEACHAM (FTW)	Runway Surface Type:	Asphalt
Runway Used:	16R	Runway Surface Condition:	Dry
Runway Length/Width:	4000 ft / 75 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):	JOYCE ROACH	Adopted Date:	04/06/2001
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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