



National Transportation Safety Board Aviation Accident Data Summary

Location:	JEKYLL ISLAND, GA	Accident Number:	ATL83LA149
Date & Time:	04/01/1983, 1030 EST	Registration:	CGYCY
Aircraft:	CESSNA 172N	Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

THE INSTRUCTOR, A CANADIAN CFI, REPORTED THAT THE CANADIAN STUDENT WAS OPERATING THE RUDDER PEDDLES WHILE HE, THE CFI, WAS HANDLING THE REMAINING ACFT CONTROLS. A SECOND STUDENT PLT WAS ALSO ON BOARD, OBSERVING FROM A REAR SEAT. AFTER TRAVELING APRX 800 FT ON THE TAKEOFF ROLL, THE ACFT BEGAN TO DEVIATE TO THE LEFT. THE STUDENT INADVERTENTLY APPLIED LEFT RUDDER. THE CFI STATED THAT HE WAS UNABLE TO APPLY RIGHT RUDDER IN SUFFICIENT TIME TO AVOID STRIKING TREES APRX 200 FT LEFT OF THE RWY. AFTER DEPARTING THE RUNWAY, THE ACFT ENCOUNTERED ROUGH TERRAIN, WHICH CAUSED THE PLANE TO BOUNCE WHILE THE CFI WAS ATTEMPTING TO STEER BACK TO THE RIGHT. THE CFI ATTEMPTED TO BECOME AIRBORNE, BUT WAS UNABLE TO OBTAIN SUFFICIENT AIRSPEED. HE THEN PULLED THE POWER OFF TO IDLE BEFORE THE ACFT CONTACTED THE TREES.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

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

Findings

1. (C) RUDDER - IMPROPER USE OF - DUAL STUDENT
 2. (F) LACK OF FAMILIARITY WITH AIRCRAFT - DUAL STUDENT
 3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - DUAL STUDENT
 4. (C) GROUND LOOP/SWERVE - INADVERTENT - DUAL STUDENT
 5. (C) SUPERVISION - INADEQUATE - PILOT IN COMMAND(CFI)
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Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

6. (F) TERRAIN CONDITION - ROUGH/UNEVEN
7. (F) OBJECT - TREE(S)

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	21
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):		Instructor Rating(s):	Airplane Single-engine
Flight Time:	245 hours (Total, all aircraft), 156 hours (Total, this make and model), 156 hours (Pilot In Command, all aircraft), 142 hours (Last 90 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	CGYCY
Model/Series:	172N 172N	Engines:	1 Reciprocating
Operator:	CARRIER AVIATION, LTD.	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-H2AD
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:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	5 knots / , 10°
Temperature:	18°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:	JEKYLL ISLAND (09J)	Runway Surface Type:	Asphalt
Runway Used:	35	Runway Surface Condition:	Dry
Runway Length/Width:	3700 ft / 75 ft		

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): ELINOR WARE

Adopted Date:

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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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.