



National Transportation Safety Board Aviation Accident Data Summary

Location:	WINDHAM, CT	Accident Number:	NYC88LA232
Date & Time:	09/01/1988, 1700 EDT	Registration:	N94502
Aircraft:	CESSNA 152	Injuries:	1 Serious
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

THE STUDENT PILOT SAID SHE HEARD A POPPING SOUND DURING THE TAKEOFF ROLL AND ALMOST INSTANTANEOUSLY THE DOOR CAME OPEN. SHE TRIED TO CLOSE THE DOOR AND WHEN THAT FAILED SHE ATTEMPTED TO ABORT. SHE RETARDED THE THROTTLE AND ATTEMPTED BRAKING BUT IT WAS NOT EFFECTIVE AND THE ACFT RAN OFF THE SIDE OF THE RUNWAY AND DOWN AN EMBANKMENT. EXAM OF THE WRECKAGE BY THE OPERATOR REVEALED THAT THE PILOT'S SEAT BELT BANGING AGAINST THE OUTSIDE OF THE PILOT'S DOOR WAS THE POPPING SOUND THAT THE PLT HEARD. EXAMINATION OF THE BRAKE SYSTEM DID NOT REVEAL ANY EVIDENCE TO EXPLAIN THE PILOT'S REPORT OF BRAKE DEFICIENCY.

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 - ABORTED

Findings

1. (F) MISC EQPT/FURNISHINGS, SEAT BELT - NOT ENGAGED
 2. (F) PROCEDURES/DIRECTIVES - NOT FOLLOWED - PILOT IN COMMAND
 3. (F) DOOR, EXTERIOR CREW - NOT SECURED
 4. (F) PREFLIGHT PLANNING/PREPARATION - INADEQUATE - PILOT IN COMMAND
 5. (F) ABORTED TAKEOFF - DELAYED - PILOT IN COMMAND
 6. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
 7. (F) DIVERTED ATTENTION - PILOT IN COMMAND
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER

Phase of Operation: TAKEOFF - ABORTED

Findings

8. (F) TERRAIN CONDITION - DOWNHILL

Pilot Information

Certificate:	Student	Age:	26
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	98 hours (Total, all aircraft), 98 hours (Total, this make and model), 13 hours (Pilot In Command, all aircraft), 26 hours (Last 90 days, all aircraft), 13 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N94502
Model/Series:	152 152	Engines:	1 Reciprocating
Operator:	KING SERVICE AVIATION, INC.	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:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	24° C	Visibility	0 Miles
Precipitation and Obscuration:			
Departure Point:	E TAUNTON, MA (IAN)	Destination:	WINDHAM, CT (5B0)

Airport Information

Airport:	WINDHAM (5B0)	Runway Surface Type:	Asphalt
Runway Used:	27	Runway Surface Condition:	Dry
Runway Length/Width:	4360 ft / 150 ft		

Wreckage and Impact Information

Crew Injuries:	1 Serious	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): REUBEN DENSLEY Adopted Date: 01/24/1990

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.