



National Transportation Safety Board Aviation Accident Final Report

Location:	BURLINGTON, VT	Accident Number:	NYC89LA128
Date & Time:	05/01/1989, 1515 EDT	Registration:	N45981
Aircraft:	CESSNA 152	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None

Flight Conducted Under: Part 91: General Aviation - Instructional

Analysis

THE SOLO STUDENT PLT WAS PRACTICING TOUCH & GO LANDINGS WHEN THE ACCIDENT OCCURRED. DURING THE SECOND TAKEOFF THE ACFT VEERED TO THE LEFT. ATTEMPTS TO REGAIN CONTROL WERE UNSUCCESSFUL. THE PLT DECREASED POWER AND APPLIED BRAKES; HOWEVER, THE ACFT CONTINUED OFF THE SIDE OF THE RWY INTO A GRASS AREA WHERE IT CONTACTED A DITCH AND NOSED OVER.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE STUDENT PILOT'S FAILURE TO MAINTAIN DIRECTIONAL CONTROL OF THE AIRCRAFT.

Findings

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

Findings

1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - ABORTED

Findings

2. TERRAIN CONDITION - DITCH

Occurrence #3: NOSE OVER
Phase of Operation: TAKEOFF - ABORTED

Factual Information

Pilot Information

Certificate:	Student	Age:	25, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	08/15/1988
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	71 hours (Total, all aircraft), 71 hours (Total, this make and model), 30 hours (Pilot In Command, all aircraft), 20 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N45981
Model/Series:	152 152	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Utility	Serial Number:	15282971
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	03/16/1989, Annual	Certified Max Gross Wt.:	1670 lbs
Time Since Last Inspection:	40 Hours	Engines:	1 Reciprocating
Airframe Total Time:	1014 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-235-L2C
Registered Owner:	VALLEY AIR SERVICES, INC	Rated Power:	110 hp
Operator:	VALLEY AIR SERVICE, INC	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	0 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	-18°C / -18°C
Precipitation and Obscuration:			
Departure Point:	BURLINGTON, VT (BTV)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1455 EDT	Type of Airspace:	Class G

Airport Information

Airport:	BURLINGTON (BTV)	Runway Surface Type:	Asphalt
Airport Elevation:	335 ft	Runway Surface Condition:	Dry
Runway Used:	19	IFR Approach:	None
Runway Length/Width:	3600 ft / 150 ft	VFR Approach/Landing:	Traffic Pattern

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
Total Injuries:	1 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	CHAUNCEY D TWINE, JR.	Report Date:	10/24/1990
Additional Participating Persons:	SANDY TAYLOR; PORTLAND, ME		
Publish 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. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).