



National Transportation Safety Board Aviation Accident Final Report

Location:	WOODBIDGE, VA	Accident Number:	BF087LA023
Date & Time:	02/01/1987, 1800 EST	Registration:	N6558L
Aircraft:	CESSNA 152	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None

Flight Conducted Under: Part 91: General Aviation - Instructional

Analysis

THE STUDENT WAS ATTEMPTING THE LAST OF 3 FULL STOP LANDINGS. THE LANDING WAS MADE AT MINIMUM AIRSPEED. THE ACFT TOUCHED DOWN LEFT OF THE RWY CENTERLINE WHERE AFTERWARDS THE L MAIN GEAR HIT A SNOWBANK ALONGSIDE THE RWY. A LOSS OF DIRECTIONAL CONTROL OCCURRED AND THE ACFT NOSED DOWN IN THE SNOW. THE STUDENT STATED THAT THE INSPECTION PLATE BEHIND THE RUDDER PEDALS WAS BENT UP AND MAY HAVE INTERFERED WITH HIS L-FOOT AS HE TRIED TO STEER THE ACFT DURING THE LANDING ROLL. THE INSTRUCTOR STATED THAT THE L. MAIN GEAR HIT THE SNOWBANK ABOUT 1 SECOND AFTER TOUCH DOWN. THE STUDENT IS A PRIVATE PILOT; HOWEVER HE WAS RESTRICTED TO STUDENT PRIVILEGES PENDING A FAA MEDICAL FLIGHT BECAUSE OF DEFECTIVE VISION IN HIS LEFT EYE.

Probable Cause and Findings

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: LANDING

Findings

1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - DUAL STUDENT
2. (C) SUPERVISION - INADEQUATE - PILOT IN COMMAND(CFI)

Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: LANDING - ROLL

Findings

3. (F) TERRAIN CONDITION - SNOWBANK

Occurrence #3: NOSE DOWN
Phase of Operation: LANDING - ROLL

Factual Information

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	56, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Right
Other Aircraft Rating(s):	Glider	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane Single-engine; Glider; Instrument Airplane	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	03/25/1986
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	4662 hours (Total, all aircraft), 12 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N6558L
Model/Series:	152 152	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	15284435
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	100 Hour	Certified Max Gross Wt.:	1670 lbs
Time Since Last Inspection:	9 Hours	Engines:	1 Reciprocating
Airframe Total Time:	3608 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-235-L2C
Registered Owner:	WOODBIDGE AIRPORT INC.	Rated Power:	110 hp
Operator:	WOODBIDGE AIRPORT INC.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Dusk
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Scattered / 8000 ft agl	Visibility	20 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	200°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	4° C
Precipitation and Obscuration:			
Departure Point:	WOODBIDGE, VA (W22)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1800 EST	Type of Airspace:	

Airport Information

Airport:	WOODBIDGE (W22)	Runway Surface Type:	Asphalt
Airport Elevation:	276 ft	Runway Surface Condition:	
Runway Used:	19	IFR Approach:	None
Runway Length/Width:	2250 ft / 45 ft	VFR Approach/Landing:	Traffic Pattern

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	DENNIS L JONES	Report Date:	05/02/1988
Additional Participating Persons:			
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/ .		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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](#).