



National Transportation Safety Board Aviation Accident Data Summary

Location:	TURNER FALLS, MA	Accident Number:	BFO93LA065
Date & Time:	05/01/1993, 1800 EDT	Registration:	N49394
Aircraft:	CESSNA 152	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

DURING A LANDING, THE AIRPLANE BECAME AIRBORNE AGAIN, THEN IT BOUNCED SEVERAL TIMES BEFORE IT IMPACTED THE RUNWAY IN A NOSE DOWN ATTITUDE. THE PILOT REPORTED THAT THERE WERE NO AIRFRAME OR ENGINE ANOMALIES BEFORE THE LANDING. ALSO, HE REPORTED THE WINDS WERE FROM 260 DEG AT 2 TO 3 KNOTS, BUT WERE GUSTING 5 TO 8 KNOTS. ABOUT 20 MILES NORTH AT SPRINGFIELD, MA, THE WIND WAS FROM 010 DEGREES AT 10 KNOTS.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
THE PILOT'S IMPROPER FLARE AND IMPROPER RECOVERY FROM A BOUNCED LANDING.

Findings

Occurrence #1: HARD LANDING
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (C) FLARE - IMPROPER - PILOT IN COMMAND
2. (C) RECOVERY FROM BOUNCED LANDING - IMPROPER - PILOT IN COMMAND

Pilot Information

Certificate:	Student	Age:	30
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	15 hours (Total, all aircraft), 7 hours (Total, this make and model), 7 hours (Last 90 days, all aircraft), 7 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N49394
Model/Series:	152 152	Engines:	1 Reciprocating
Operator:	COLLEGIATE FLYING CLUB, 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:	CEF, 356 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	10 knots / , 10°
Temperature:	27° C	Visibility	25 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:	TURNER FALLS (0B5)	Runway Surface Type:	Asphalt
Runway Used:	34	Runway Surface Condition:	Dry
Runway Length/Width:	3013 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):	MARGARET B NAPOLITAN	Adopted Date:	10/13/1993
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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