



National Transportation Safety Board Aviation Accident Data Summary

Location:	Plymouth, MA	Accident Number:	NYC07CA093
Date & Time:	02/01/2007, 0800 EST	Registration:	N2074K
Aircraft:	Schweizer 269C	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The student pilot successfully performed three autorotations to a hover; however, during the fourth, he "landed hard with a yaw to the left." The flight instructor was not able to correct the yaw, and the helicopter impacted the ground, damaging the tail boom. The accident was not reported until the flight instructor was involved in a similar accident, in the same helicopter, about 30 days later. No mechanical deficiencies were reported by the flight instructor or the student pilot.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The student pilot's failure to maintain control of the helicopter during landing, and the flight instructor's delayed remedial action.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: LANDING

Findings

1. (C) AIRCRAFT CONTROL - NOT MAINTAINED - DUAL STUDENT
2. (C) REMEDIAL ACTION - DELAYED - PILOT IN COMMAND(CFI)

Occurrence #2: HARD LANDING
Phase of Operation: LANDING

Findings

3. TERRAIN CONDITION - GROUND

Flight Instructor Information

Certificate:	Flight Instructor; Commercial	Age:	26
Airplane Rating(s):	None	Instrument Rating(s):	Helicopter
Other Aircraft Rating(s):	Helicopter	Instructor Rating(s):	Helicopter
Flight Time:	250 hours (Total, all aircraft), 180 hours (Total, this make and model), 180 hours (Pilot In Command, all aircraft), 50 hours (Last 90 days, all aircraft), 45 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Schweizer	Registration:	N2074K
Model/Series:	269C	Engines:	1 Reciprocating
Operator:	ExecJet Inc	Engine Manufacturer:	Lycoming
Air Carrier Operating Certificate:	None	Engine Model/Series:	HO-360
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	PYM, 148 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	Calm
Temperature:	6°C / 9°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Plymouth, MA (PYM)	Destination:	Plymouth, MA (PYM)

Airport Information

Airport:	Plymouth Municipal Airport (PYM)	Runway Surface Type:	
Runway Used:	NA	Runway Surface Condition:	
Runway Length/Width:			

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

Administrative Information

Investigator In Charge (IIC):	Jill M Andrews	Adopted Date:	06/27/2007
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
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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