



National Transportation Safety Board Aviation Accident Data Summary

Location:	Lumberton, NJ	Accident Number:	NYC06CA107
Date & Time:	05/02/2006, 1020 EDT	Registration:	N2549Y
Aircraft:	Cessna 172D	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The student pilot was conducting solo takeoffs and landings in a Cessna 172D, on a 3,496-foot-long, 75-foot-wide, asphalt runway. During his first approach to the runway, the airplane was high, and the student pilot performed a go-around. During his second approach, the airplane touched down, and the student pilot applied the brakes. However, the engine rpm increased, and the student pilot cycled the throttle in an attempt to reduce rpm. The airplane subsequently traveled off the end of the runway and impacted a field. The student pilot's flight instructor reported that after a good landing, he observed the airplane increase speed, and the tires were smoking as the airplane departed the end of the runway. Examination of the airplane by a Federal Aviation Administration inspector did not reveal any pre-impact mechanical malfunctions. The wind was reported as calm at a nearby airport, about the time of the accident.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The student pilot's failure to maintain aircraft control while landing, which resulted in an runway overrun and subsequent impact with terrain.

Findings

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

Findings

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

Occurrence #2: OVERRUN
Phase of Operation: LANDING - ROLL

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Findings

2. TERRAIN CONDITION - GROUND

Student Pilot Information

Certificate:	Student	Age:	53
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	
Flight Time:	73 hours (Total, all aircraft), 73 hours (Total, this make and model), 2 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Cessna	Registration:	N2549Y
Model/Series:	172D	Engines:	1 Reciprocating
Operator:	Herlihy Helicopters Inc.	Engine Manufacturer:	Continental
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-300
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	VAY, 53 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:	14°C / 1°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Lumberton, NJ (N14)	Destination:	(N14)

Airport Information

Airport:	Flying W. Airport (N14)	Runway Surface Type:	Asphalt
Runway Used:	1	Runway Surface Condition:	Dry
Runway Length/Width:	3496 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:	

Administrative Information

Investigator In Charge (IIC):	Robert J Gretz	Adopted Date:	10/03/2006
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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