



National Transportation Safety Board Aviation Accident Final Report

Location:	Lumberton, NJ	Accident Number:	NYC06CA107
Date & Time:	05/02/2006, 1020 EDT	Registration:	N2549Y
Aircraft:	Cessna 172D	Aircraft Damage:	Substantial
Defining Event:		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 and Findings

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

Factual Information

Student Pilot Information

Certificate:	Student	Age:	53, Male
Airplane Rating(s):	None	Seat Occupied:	
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	None	Second Pilot Present:	
Instructor Rating(s):		Toxicology Performed:	
Medical Certification:	Class 3	Last Medical Exam:	09/01/2005
Occupational Pilot:		Last Flight Review or Equivalent:	
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	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	17249849
Landing Gear Type:	Tricycle	Seats:	
Date/Type of Last Inspection:		Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Continental
ELT:	Not installed	Engine Model/Series:	O-300
Registered Owner:	Herlihy Helicopters Inc.	Rated Power:	
Operator:	Herlihy Helicopters Inc.	Air Carrier Operating Certificate:	None
Operator Does Business As:	Helicopter Flight Services	Operator Designator Code:	

Meteorological Information and Flight Plan

Observation Facility, Elevation:	VAY, 53 ft msl	Observation Time:	1054 EDT
Distance from Accident Site:	3 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	300°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	14°C / 1°C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	Calm	Visibility (RVR):	
Altimeter Setting:	30.02 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Lumberton, NJ (N14)	Type of Flight Plan Filed:	None
Destination:	(N14)	Type of Clearance:	None
Departure Time:	EDT	Type of Airspace:	

Airport Information

Airport:	Flying W. Airport (N14)	Runway Surface Type:	Asphalt
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	1	IFR Approach:	Visual
Runway Length/Width:	3496 ft / 75 ft	VFR Approach/Landing:	Full Stop; 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:	
Total Injuries:	1 None		

Administrative Information

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