



# National Transportation Safety Board Aviation Accident Final Report

<b>Location:</b>	Hackettstown, NJ	<b>Accident Number:</b>	NYC07CA054
<b>Date &amp; Time:</b>	01/04/2007, 1645 EDT	<b>Registration:</b>	N695X
<b>Aircraft:</b>	Cessna R182	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

The pilot was performing a takeoff on runway 05, a 2,200-foot long asphalt runway. About three quarters down the runway, the pilot attempted to rotate the airplane, but it did not respond well. The pilot then noted that the airspeed indicator appeared to indicate less than the 65-knot speed needed to continue with rotation. At that time, the pilot aborted the takeoff; and the airplane overran the runway and struck rocks. Winds were reported as calm at the time of the accident. The pilot also reported that there were no mechanical malfunctions or failures with the airplane.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot-in-command's delayed aborted takeoff, which resulted in a runway overrun and collision with terrain. A factor was the rocks off the end of the runway.

## Findings

Occurrence #1: OVERRUN  
Phase of Operation: TAKEOFF - ABORTED

Findings  
1. (C) ABORTED TAKEOFF - DELAYED - PILOT IN COMMAND  
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: TAKEOFF - ABORTED

Findings  
2. (F) TERRAIN CONDITION - ROCK(S)/BOULDER(S)

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	45, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>		<b>Toxicology Performed:</b>	
<b>Medical Certification:</b>	Class 3	<b>Last FAA Medical Exam:</b>	09/01/2005
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	704 hours (Total, all aircraft), 209 hours (Total, this make and model), 651 hours (Pilot In Command, all aircraft), 8 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N695X
<b>Model/Series:</b>	R182	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	R18201592
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	02/01/2005, Annual	<b>Certified Max Gross Wt.:</b>	
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	Lycoming
<b>ELT:</b>		<b>Engine Model/Series:</b>	O-540
<b>Registered Owner:</b>	Upward Mobility Flying Club Inc.	<b>Rated Power:</b>	235 hp
<b>Operator:</b>	Michael J. Waluk	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	SMQ, 10 ft msl	Distance from Accident Site:	15 Nautical Miles
Observation Time:	1653 EST	Direction from Accident Site:	150°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.11 inches Hg	Temperature/Dew Point:	11° C / 1° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Hackettstown, NJ (N05)	Type of Flight Plan Filed:	None
Destination:	Manville, NJ (47N)	Type of Clearance:	None
Departure Time:	1645 EDT	Type of Airspace:	

## Airport Information

Airport:	Hackettstown Airport (N05)	Runway Surface Type:	Asphalt
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	5	IFR Approach:	None
Runway Length/Width:	2200 ft / 50 ft	VFR Approach/Landing:	None

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	
Total Injuries:	2 None	Latitude, Longitude:	40.820000, -74.855278

## Administrative Information

Investigator In Charge (IIC):	Robert J Gretz	Report Date:	03/26/2007
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 <a href="mailto:pubinquiry@ntsb.gov">pubinquiry@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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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](#).