



Aviation Investigation Final Report

Location:	Hancock, New York	Accident Number:	NYC05CA102
Date & Time:	June 19, 2005, 09:30 Local	Registration:	N736TG
Aircraft:	Cessna R182	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 Minor
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot selected full flaps for a landing on a 1,910-foot-long, 70-foot-wide, wet turf runway. The airplane landed long, and the pilot applied the brakes. The braking action was poor due to wet grass, and the pilot retracted the flaps in an effort to improve braking. However, the airplane traveled off the end of the runway, down an incline, and came to rest inverted.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's misjudgment of speed/distance which resulted in a runway overrun. A factor was the wet turf runway.

Findings

Occurrence #1: OVERRUN
Phase of Operation: LANDING

Findings

1. (F) TERRAIN CONDITION - WET
 2. (C) DISTANCE/SPEED - MISJUDGED - PILOT IN COMMAND
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Findings

3. TERRAIN CONDITION - GROUND

Factual Information

On June 19, 2005, about 0930 eastern daylight time, a Cessna R182, N736TG, was substantially damaged while landing at White Birch Field (4N8), Hancock, New York. The certificated private pilot and passenger sustained minor injuries. Visual meteorological conditions prevailed for the flight that departed Sullivan County International Airport (MSV), Monticello, New York. No flight plan was filed for the personal flight conducted under 14 CFR Part 91.

The pilot reported that he selected full flaps for a landing on runway 17; a 1,910-foot-long, 70-foot-wide, wet turf runway. The airplane landed long, and the pilot applied the brakes. The braking action was poor due to wet grass, and the pilot retracted the flaps in an effort to improve braking. However, the airplane traveled off the end of the runway, down an incline, and came to rest inverted.

The reported wind at an airport approximately 33 miles northwest of the accident site, at 0953, was from 070 degrees at 6 knots.

Pilot Information

Certificate:	Private	Age:	72, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3	Last FAA Medical Exam:	February 1, 2004
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	2000 hours (Total, all aircraft), 1800 hours (Total, this make and model), 15 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N736TG
Model/Series:	R182	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	R18200768
Landing Gear Type:	Retractable - Tricycle	Seats:	
Date/Type of Last Inspection:		Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Lycoming
ELT:		Engine Model/Series:	O540
Registered Owner:	Verona Oil Co. Inc.	Rated Power:	
Operator:	Fredric R. Verona	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	BGM	Distance from Accident Site:	
Observation Time:	09:53 Local	Direction from Accident Site:	
Lowest Cloud Condition:		Visibility	10 miles
Lowest Ceiling:	Overcast / 3900 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	6 knots / 0 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	70°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.22 inches Hg	Temperature/Dew Point:	14°C / 11°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Monticello, NY (MSV)	Type of Flight Plan Filed:	None
Destination:	Hancock, NY (4N8)	Type of Clearance:	None
Departure Time:		Type of Airspace:	

Airport Information

Airport:	White Birch Field 4N8	Runway Surface Type:	Grass/turf
Airport Elevation:		Runway Surface Condition:	Wet
Runway Used:	17	IFR Approach:	Visual
Runway Length/Width:	1910 ft / 70 ft	VFR Approach/Landing:	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	1 Minor	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	
Total Injuries:	2 Minor	Latitude, Longitude:	42.049999,-75.301109

Administrative Information

Investigator In Charge (IIC): Gretz, Robert

Additional Participating Persons:

Original Publish Date: September 13, 2005

Last Revision Date:

Investigation Class: [Class](#)

Note: This accident report documents the factual circumstances of this accident as described to the NTSB.

Investigation Docket: <https://data.nts.gov/Docket?ProjectID=61755>

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