



National Transportation Safety Board Aviation Accident Data Summary

Location:	Middleberry, VT	Accident Number:	ERA10CA388
Date & Time:	08/01/2010, 1145 EDT	Registration:	N34641
Aircraft:	CESSNA 177B	Injuries:	2 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

According to the pilot, he performed a run-up and proceeded to the departure end of the runway. He applied full power and began the takeoff roll. With the airplane about halfway down the runway, the pilot realized that the airplane was not developing as much airspeed as he expected. As the airplane approached the end of the runway, he decided to abort the takeoff. He pulled back the throttle and applied the brakes but the airplane did not slow down quickly enough. The airplane ran off the end of the runway, traveled down an embankment, and came to rest in a marshy area, substantially damaging the forward section of the fuselage. The pilot noted that he had forgotten to set the flaps properly for takeoff. During a postaccident examination of the wreckage, a Federal Aviation Administration inspector found no preexisting mechanical anomalies with the airplane.

Flight Events

Takeoff-rejected takeoff - Runway excursion
Takeoff-rejected takeoff - Collision with terr/obj (non-CFIT)

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The pilot's delayed decision to abort the takeoff.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Surface speed/braking-Not attained/maintained
Personnel issues-Action/decision-Action-Delayed action-Pilot - C

Pilot Information

Certificate:	Private	Age:	46
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	417 hours (Total, all aircraft), 307 hours (Total, this make and model), 333 hours (Pilot In Command, all aircraft), 3 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N34641
Model/Series:	177B	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	O&VO-360 SER
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	MPV, 1166 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:	3 knots, 120°
Temperature:	22° C / 12° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Middleberry, VT (6B0)	Destination:	Fitchburg, MA (FIT)

Airport Information

Airport:	Middlebury State Airport (6B0)	Runway Surface Type:	Asphalt
Runway Used:	19	Runway Surface Condition:	Dry
Runway Length/Width:	2500 ft / 50 ft		

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	1 Minor	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	Todd G Gunther	Adopted Date:	04/07/2011
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=76809		

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