



Aviation Investigation Final Report

Location:	Argyle, New York	Accident Number:	ERA10CA125
Date & Time:	January 27, 2010, 14:42 Local	Registration:	N800G
Aircraft:	Beech A36	Aircraft Damage:	Substantial
Defining Event:	Runway excursion	Injuries:	4 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot stated that he entered the traffic pattern and circled about four times, looking at the windsock and the condition of the 2,400-foot grass runway. After a crosswind landing with full flaps he applied brakes but said that they had no effect on stopping performance. He released the brakes and reapplied them but the airplane did not stop. He elected to stay on the runway and the airplane collided with a plastic perimeter fence, located past the end of the runway. The airplane came to a stop in a field and the pilot and three passengers exited the airplane. The pilot reported that the grass runway was wet at the time, with some snow and ice on the runway as well. The airplane sustained structural damage to the left wing. The pilot reported no mechanical malfunctions or anomalies with the airplane.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's decision to land downwind on the contaminated runway, resulting in the airplane overrunning the runway.

Findings

Personnel issues	Incorrect action selection - Pilot
Personnel issues	Decision making/judgment - Pilot

Factual Information

History of Flight

Landing-landing roll	Runway excursion (Defining event)
Landing-landing roll	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	55, Male
Airplane Rating(s):	Single-engine land; Single-engine sea	Seat Occupied:	Left
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 With waivers/limitations	Last FAA Medical Exam:	October 23, 2008
Occupational Pilot:	No	Last Flight Review or Equivalent:	January 27, 2009
Flight Time:	896 hours (Total, all aircraft), 60 hours (Total, this make and model), 780 hours (Pilot In Command, all aircraft), 30 hours (Last 90 days, all aircraft), 14 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N800G
Model/Series:	A36	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	E-1548
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	May 1, 2009 Annual	Certified Max Gross Wt.:	3850 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3223 Hrs at time of accident	Engine Manufacturer:	Continental
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	TSIO-520
Registered Owner:	On file	Rated Power:	280 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	GFL,328 ft msl	Distance from Accident Site:	8 Nautical Miles
Observation Time:	14:53 Local	Direction from Accident Site:	320°
Lowest Cloud Condition:		Visibility	10 miles
Lowest Ceiling:	Broken / 5500 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	10 knots / 16 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	250°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.98 inches Hg	Temperature/Dew Point:	1°C / -6°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Albany, NY (ALB)	Type of Flight Plan Filed:	VFR
Destination:	Argyle, NY (1C3)	Type of Clearance:	VFR flight following
Departure Time:	14:00 Local	Type of Airspace:	

Airport Information

Airport:	Argyle Airport 1C3	Runway Surface Type:	Grass/turf
Airport Elevation:	330 ft msl	Runway Surface Condition:	Ice;Snow;Wet
Runway Used:	03	IFR Approach:	None
Runway Length/Width:	2400 ft / 87 ft	VFR Approach/Landing:	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	3 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	4 None	Latitude, Longitude:	43.254165,-73.470832(est)

Administrative Information

Investigator In Charge (IIC):	Hicks, Ralph
Additional Participating Persons:	Peter LaCagnina; FAA/FSDO; Albany, NY
Original Publish Date:	July 1, 2010
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=75316

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