



National Transportation Safety Board Aviation Accident Final Report

Location:	Waycross, GA	Accident Number:	ATL04CA172
Date & Time:	09/01/2004, 0934 EDT	Registration:	N89255
Aircraft:	Cessna 152	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot stated that he was not aware of the wet runway condition on the grass/sod runway surface prior to arriving at his destination airport. The pilot further stated that the active runway was orientated on a 020-degree magnetic heading, and the grass/sod surface was about 3000 feet long and 200 feet wide. The pilot also said, because of the 150-foot tall trees on the approach end of the runway, he established a steeper approach angle and faster approach speed than the normal profile for touchdown. According to the pilot the airplane touched down about 500 feet beyond the approach end of the runway. After landing the pilot recalled that airplane braking was not effective, and stated that the airplane began to "hydroplane", and he was not able to stop the airplane. The airplane continued off the departure end of the sod runway collided with a fence, and came to rest on Brunswick Highway in Waycross. No mechanical problems with the airplane were reported by the pilot,

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot misjudged the approach speed to touchdown, and the hydroplaning of the airplane during the landing roll resulted in the overrun of the runway surface and the subsequent collision with a fence. .

Findings

Occurrence #1: OVERRUN

Phase of Operation: LANDING - ROLL

Findings

1. (C) AIRPORT FACILITIES, RUNWAY/LANDING AREA CONDITION - WET
2. (C) DISTANCE/SPEED - MISJUDGED - PILOT IN COMMAND
3. (C) AIRCRAFT PERFORMANCE, HYDROPLANING CONDITION

Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT

Phase of Operation: LANDING - ROLL

Findings

4. OBJECT - FENCE

Factual Information

Pilot Information

Certificate:	Private	Age:	59, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Unknown	Last FAA Medical Exam:	05/20/2004
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	325 hours (Total, all aircraft), 152 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N89255
Model/Series:	152	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	15282691
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:		Certified Max Gross Wt.:	2200 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	O-235
Registered Owner:	Alexander M. Clarke	Rated Power:	115 hp
Operator:	Alexander M. Clarke	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KVAD, 233 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0855 EDT	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear	Visibility	6 Miles
Lowest Ceiling:	Broken / 30000 ft agl	Visibility (RVR):	
Wind Speed/Gusts:	2 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	320°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.11 inches Hg	Temperature/Dew Point:	27°C / 23°C
Precipitation and Obscuration:			
Departure Point:	FERNANDINA BEAC, FL (55J)	Type of Flight Plan Filed:	None
Destination:	WAYCROSS, GA (GA47)	Type of Clearance:	None
Departure Time:	0845 EDT	Type of Airspace:	Class G

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	31.242778, -82.390556

Administrative Information

Investigator In Charge (IIC):	Eric H Alleyne	Report Date:	12/28/2004
Additional Participating Persons:	Timothy Stanton; Atlanta FSDO		
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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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](#).