



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	Waycross, GA	<b>Accident Number:</b>	ATL04CA172
<b>Date &amp; Time:</b>	09/01/2004, 0934 EDT	<b>Registration:</b>	N89255
<b>Aircraft:</b>	Cessna 152	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	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

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

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	59
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	325 hours (Total, all aircraft), 152 hours (Total, this make and model)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N89255
<b>Model/Series:</b>	152	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	Alexander M. Clarke	<b>Engine Manufacturer:</b>	Lycoming
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	O-235
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	KVAD, 233 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Lowest Ceiling:</b>	Broken / 30000 ft agl	<b>Wind Speed/Gusts, Direction:</b>	2 knots / , 320°
<b>Temperature:</b>	27° C	<b>Visibility</b>	6 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	FERNANDINA BEAC, FL (55J)	<b>Destination:</b>	WAYCROSS, GA (GA47)

## Wreckage and Impact Information

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

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Eric H Alleyne	<b>Adopted Date:</b>	12/28/2004
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.		
<b>Investigation Docket:</b>	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:pubinq@ntsb.gov">pubinq@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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