



National Transportation Safety Board Aviation Accident Final Report

Location:	Riceboro, GA	Accident Number:	ATL06CA113
Date & Time:	07/29/2006, 1514 EDT	Registration:	N415GA
Aircraft:	Cessna 208	Aircraft Damage:	Substantial
Defining Event:		Injuries:	6 None
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

The pilot stated that the takeoff area on the lake was 2,200 feet long. He computed the takeoff distance at 1,990 feet. He completed a preflight inspection and engine run up and no anomalies were noted. He water taxied the airplane to the start point and initiated the takeoff by increasing power. The airplane did not rotate at the planned takeoff point so the pilot applied aft pressure on the control yoke. The airplane became airborne and struck a three foot tall berm and collided with the marsh coming to a complete stop. The pilot stated there were no mechanical problems with the airplane and that he failed to attain the proper takeoff point resulting in the collision with the berm on initial takeoff climb.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to achieve the proper takeoff distance on a short water runway resulting in an in-flight collision with a berm and a marshy area on initial takeoff climb.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. TERRAIN CONDITION - SHORT RUNWAY/LANDING AREA
2. (C) DISTANCE - EXCEEDED - PILOT IN COMMAND
3. TERRAIN CONDITION - BERM
4. TERRAIN CONDITION - SWAMPY

Factual Information

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	31, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land; Single-engine Sea	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane Single-engine	Toxicology Performed:	No
Medical Certification:	Class 1 Without Waivers/Limitations	Last Medical Exam:	04/01/2006
Occupational Pilot:		Last Flight Review or Equivalent:	07/01/2005
Flight Time:	5008 hours (Total, all aircraft), 850 hours (Total, this make and model), 4850 hours (Pilot In Command, all aircraft), 90 hours (Last 90 days, all aircraft), 45 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Cessna	Registration:	N415GA
Model/Series:	208	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	20800376
Landing Gear Type:	Amphibian	Seats:	8
Date/Type of Last Inspection:	07/01/2006, Annual	Certified Max Gross Wt.:	8360 lbs
Time Since Last Inspection:	1.5 Hours	Engines:	1 Turbo Prop
Airframe Total Time:	471.9 Hours	Engine Manufacturer:	Pratt & Whitney
ELT:	Installed, not activated	Engine Model/Series:	PT6A-114A
Registered Owner:	Hampton Island Aviation LLC	Rated Power:	675 lbs
Operator:	Hampton Island Aviation LLC	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KSAV	Observation Time:	1453
Distance from Accident Site:		Direction from Accident Site:	
Lowest Cloud Condition:	Few / 5000 ft agl	Temperature/Dew Point:	34° C / 21° C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	6 knots	Visibility (RVR):	
Altimeter Setting:	30.09 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Riceboro, GA	Type of Flight Plan Filed:	None
Destination:	St. Cathrine Is, GA	Type of Clearance:	None
Departure Time:	1454 EDT	Type of Airspace:	

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	5 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	6 None	Latitude, Longitude:	31.735278, -81.440278

Administrative Information

Investigator In Charge (IIC):	Carrol A Smith	Adopted Date:	10/31/2006
Additional Participating Persons:	Martha Farmer; College Park FSDO-11		
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/ .		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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.