



Aviation Investigation Final Report

Location:	Palm Harbor, Florida	Accident Number:	ATL07CA090
Date & Time:	June 13, 2007, 16:00 Local	Registration:	N771AT
Aircraft:	Rosenbaum Super Petrel	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Minor
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot stated he was conducting a visual approach to a lake for landing. He was about 20 feet above the water when the right wing went up and the left wing went down. The pilot stated he lost directional control of the airplane and the left wing collided with the water separating the outboard leading edge of the left wing. The pilot stated he did not experience any mechanical problems with the experimental amphibian airplane before the accident. The pilot stated he received 22 hours of instruction towards a seaplane rating, however he did not take the FAA check ride and does not hold a seaplane rating. In addition the pilot stated he has 6 total flight hours in the accident airplane. Review of the Saint Petersburg/ Clearwater International Airport, Saint Petersburg, Florida, 1553 surface weather observation located 5 miles south of the airport revealed the winds were 330 degrees at 10 knots and no wind gusts were reported.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain directional control of the airplane during approach to land on a lake resulting in an inflight collision with water. A factor was the pilot's lack of qualification and total experience in the accident airplane make and model.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
2. (F) QUALIFICATION - PILOT IN COMMAND
3. (F) LACK OF TOTAL EXPERIENCE IN KIND OF AIRCRAFT - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: DESCENT - UNCONTROLLED

Findings

4. TERRAIN CONDITION - WATER

Factual Information

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Pilot Information

Certificate:	Private	Age:	68, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without waivers/limitations	Last FAA Medical Exam:	November 1, 2006
Occupational Pilot:	No	Last Flight Review or Equivalent:	February 1, 2006
Flight Time:	238 hours (Total, all aircraft), 6 hours (Total, this make and model), 200 hours (Pilot In Command, all aircraft), 6 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Rosenbaum	Registration:	N771AT
Model/Series:	Super Petrel	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental (Special)	Serial Number:	0163
Landing Gear Type:	Retractable - Tricycle; Amphibian; Float; Hull	Seats:	1
Date/Type of Last Inspection:	March 1, 2007 Condition	Certified Max Gross Wt.:	1300 lbs
Time Since Last Inspection:	6 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	6 Hrs at time of accident	Engine Manufacturer:	Rotax
ELT:	Installed, not activated	Engine Model/Series:	912ULS
Registered Owner:	Allan D Rosenbaum	Rated Power:	95 Horsepower
Operator:		Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KPIE,10 ft msl	Distance from Accident Site:	5 Nautical Miles
Observation Time:	15:53 Local	Direction from Accident Site:	180°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	330°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.82 inches Hg	Temperature/Dew Point:	30°C / 20°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Palm Harbor, FL	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	15:30 Local	Type of Airspace:	

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Minor	Latitude, Longitude:	28.134445,-82.741386

Administrative Information

Investigator In Charge (IIC):	Smith, Carrol
Additional Participating Persons:	Charles J Gasche Jr.; Orlando FSDO-15
Original Publish Date:	July 25, 2007
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=65990

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