



Aviation Investigation Final Report

Location:	Bunnell, Florida	Accident Number:	NYC08CA241
Date & Time:	July 4, 2008, 10:45 Local	Registration:	N9509U
Aircraft:	STOL UC-1 Twin Bee	Aircraft Damage:	Substantial
Defining Event:	Loss of control in flight	Injuries:	2 Minor
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The certificated flight instructor (CFI) and the student pilot of the UC-1 Twin Bee completed one uneventful landing on a lake. The CFI then decided to practice glassy water landings with the student, and took off to land on a different lake. A witness stated that the airplane "bounced" when it first contacted the water, and the airplane's right pontoon separated from the wing when it "hit" the water on a second touchdown. The airplane then turned 180 degrees, and sank. The airplane sustained substantial damage from the accident. The pilot reported no mechanical anomalies with the airplane. The winds reported at an airport 11 miles to the southeast, at the time of the accident, were calm.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The flight instructor's inadequate recovery from a bounced landing.

Findings

Personnel issues	Incorrect action performance - Instructor/check pilot
Environmental issues	Water - Not specified

Factual Information

History of Flight

Landing-flare/touchdown	Loss of control in flight (Defining event)
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Flight instructor Information

Certificate:	Commercial; Flight instructor	Age:	22, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land; Multi-engine sea	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 1 With waivers/limitations	Last FAA Medical Exam:	January 1, 2008
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	December 1, 2007
Flight Time:	1100 hours (Total, all aircraft), 75 hours (Total, this make and model), 900 hours (Pilot In Command, all aircraft), 148 hours (Last 90 days, all aircraft), 35 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Student pilot Information

Certificate:	Student	Age:	49, Male
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Unknown	Last FAA Medical Exam:	September 1, 2006
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	85 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	STOL	Registration:	N9509U
Model/Series:	UC-1 Twin Bee	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	021
Landing Gear Type:	Retractable - ; Amphibian	Seats:	3
Date/Type of Last Inspection:	January 1, 2008 100 hour	Certified Max Gross Wt.:	3800 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:	3650 Hrs at time of accident	Engine Manufacturer:	Lycoming
ELT:	Installed	Engine Model/Series:	IO-360-B1D
Registered Owner:	Jerry Battenhouse	Rated Power:	180 Horsepower
Operator:	SPS Palm Coast	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	OMN,29 ft msl	Distance from Accident Site:	11 Nautical Miles
Observation Time:	10:51 Local	Direction from Accident Site:	150°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.13 inches Hg	Temperature/Dew Point:	29°C / 22°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Palm Coast, FL (XFL)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	10:15 Local	Type of Airspace:	

Wreckage and Impact Information

Crew Injuries:	2 Minor	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Minor	Latitude, Longitude:	29.778888,-81.343887

Administrative Information

Investigator In Charge (IIC):	Diaz, Dennis
Additional Participating Persons:	Jay Davidson; FAA Tampa FSDO; Tampa, FL
Original Publish Date:	September 26, 2008
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=68399

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