



Aviation Investigation Final Report

Location:	Hot Springs, Arkansas	Accident Number:	CEN11CA291
Date & Time:	April 28, 2011, 17:00 Local	Registration:	N2530S
Aircraft:	Cessna A185F	Aircraft Damage:	Substantial
Defining Event:	Hard landing	Injuries:	4 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot approached the runway for a full stop landing with the wing flaps fully extended. On touchdown the airplane bounced twice and the left wingtip impacted the runway. The pilot was able to regain control of the airplane and taxied to parking. The airplane’s left wing and aileron sustained substantial damage during the impact. Seven minutes before the accident, the automated weather observing system (AWOS) at the airport reported variable wind at 6 knots. The pilot reported that there were no mechanical malfunctions or failures with the airplane prior to the accident.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot’s improper recovery from a bounced landing.

Findings

Personnel issues	Incorrect action selection - Pilot
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Factual Information

History of Flight

Landing-flare/touchdown	Hard landing (Defining event)
Landing-flare/touchdown	Dragged wing/rotor/float/other

Pilot Information

Certificate:	Airline transport	Age:	68
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	February 16, 2011
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	December 16, 2010
Flight Time:	12000 hours (Total, all aircraft), 166 hours (Total, this make and model), 35 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N2530S
Model/Series:	A185F	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	18502245
Landing Gear Type:	Tailwheel	Seats:	6
Date/Type of Last Inspection:	January 14, 2011 Annual	Certified Max Gross Wt.:	3350 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1061 Hrs at time of accident	Engine Manufacturer:	CONT MOTOR
ELT:	Installed, not activated	Engine Model/Series:	IO 520 SERIES
Registered Owner:	TEN SOUTH SKYWAGON LLC	Rated Power:	285 Horsepower
Operator:	TEN SOUTH SKYWAGON LLC	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	HOT,540 ft msl	Distance from Accident Site:	
Observation Time:	16:53 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	9 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.04 inches Hg	Temperature/Dew Point:	23°C / 4°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Hot Springs, AR (Hot)	Type of Flight Plan Filed:	Unknown
Destination:	Hot Springs, AR (Hot)	Type of Clearance:	Unknown
Departure Time:		Type of Airspace:	

Airport Information

Airport:	Memorial Field Hot	Runway Surface Type:	Asphalt
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	23	IFR Approach:	None
Runway Length/Width:	6595 ft / 150 ft	VFR Approach/Landing:	Unknown

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	3 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	4 None	Latitude, Longitude:	34.478054,-93.096107(est)

Administrative Information

Investigator In Charge (IIC): LeBaron, Timothy

Additional Participating Persons: Mike W Minnix; Federal Aviation Administration; Little Rock, AR

Original Publish Date: August 22, 2011

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=78896>

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