



Aviation Investigation Final Report

Location:	West Liberty, Kentucky	Accident Number:	ERA11CA453
Date & Time:	August 13, 2011, 09:45 Local	Registration:	N5080M
Aircraft:	Taylorcraft BC12-D	Aircraft Damage:	Substantial
Defining Event:	Landing area overshoot	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot stated that he was using a global positioning system receiver to navigate a cross-country flight. The pilot's intended destination was an airport with a single 5,751-foot-long runway; however, he erroneously flew to a different airport with a single 2,400-foot-long runway with trees at both ends of the runway. In an attempt to clear trees near the runway threshold, the pilot touched down too close to the departure end of the runway. He did not want to attempt a go-around due to the trees at the end of the runway; thus he attempted to stop the airplane, but it traveled off the end of the runway and into a ditch. During the impact, the right main landing gear collapsed and the right wing separated. The pilot added that there were no preimpact mechanical malfunctions with the airplane.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to obtain the proper touchdown point during landing, which resulted in a runway excursion.

Findings

Aircraft	Descent/approach/glide path - Not attained/maintained
Personnel issues	Incorrect action performance - Pilot
Personnel issues	Flight planning/navigation - Pilot

Factual Information

History of Flight

Landing	Landing area overshoot (Defining event)
Landing-landing roll	Runway excursion
Landing-landing roll	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	82, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
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 With waivers/limitations	Last FAA Medical Exam:	December 13, 2010
Occupational Pilot:	No	Last Flight Review or Equivalent:	September 9, 2009
Flight Time:	1465 hours (Total, all aircraft), 2 hours (Total, this make and model), 1465 hours (Pilot In Command, all aircraft), 10 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Taylorcraft	Registration:	N5080M
Model/Series:	BC12-D	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	10380
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	July 7, 2011 Annual	Certified Max Gross Wt.:	1200 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1641 Hrs as of last inspection	Engine Manufacturer:	CONT MOTOR
ELT:	Not installed	Engine Model/Series:	C-85
Registered Owner:	STONE JACK S	Rated Power:	85 Horsepower
Operator:	STONE JACK S	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	JKL,1381 ft msl	Distance from Accident Site:	20 Nautical Miles
Observation Time:	09:53 Local	Direction from Accident Site:	190°
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:	30.02 inches Hg	Temperature/Dew Point:	23°C / 18°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Jackson, OH (I43)	Type of Flight Plan Filed:	None
Destination:	West Liberty, KY (9I3)	Type of Clearance:	None
Departure Time:	09:00 Local	Type of Airspace:	

Airport Information

Airport:	West Liberty 9I3	Runway Surface Type:	Asphalt
Airport Elevation:	934 ft msl	Runway Surface Condition:	Dry
Runway Used:	25	IFR Approach:	None
Runway Length/Width:	2400 ft / 60 ft	VFR Approach/Landing:	Full stop

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:	37.914443,-83.25222

Administrative Information

Investigator In Charge (IIC):	Gretz, Robert
Additional Participating Persons:	Shannon D Bengeyfield; FAA/FSDO; Louisville, KY
Original Publish Date:	November 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=81501

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