



Aviation Investigation Final Report

Location:	Elizabethton, Tennessee	Accident Number:	ERA15CA146
Date & Time:	March 7, 2015, 10:50 Local	Registration:	N348CC
Aircraft:	CUB CRAFTER CC11-160	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot of the Experimental Light Sport Airplane stated he was practicing touch and go takeoffs and landings in light winds. During rollout following the fifth landing, as he configured the airplane for the subsequent takeoff, the airplane departed the right side of the runway. He applied full power in an attempt to abort the landing. The airplane continued on the grass apron approximately seventy-five feet before striking a drainage culvert and embankment, which resulted in substantial damage to both wings. The pilot reported there were no pre-impact mechanical failures or malfunctions with the airplane that would have precluded normal operations.

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 during the landing roll.

Findings

Personnel issues	Aircraft control - Pilot
Aircraft	Directional control - Not attained/maintained

Factual Information

History of Flight

Landing-landing roll	Loss of control on ground (Defining event)
Landing-aborted after touchdown	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	71
Airplane Rating(s):	Single-engine land	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	4-point
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Sport pilot With waivers/limitations	Last FAA Medical Exam:	November 5, 2013
Occupational Pilot:	No	Last Flight Review or Equivalent:	February 11, 2014
Flight Time:	1419 hours (Total, all aircraft), 36 hours (Total, this make and model), 1299 hours (Pilot In Command, all aircraft), 17 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CUB CRAFTER	Registration:	N348CC
Model/Series:	CC11-160	Aircraft Category:	Airplane
Year of Manufacture:	2014	Amateur Built:	
Airworthiness Certificate:	Experimental light sport (Special)	Serial Number:	CC11-00348
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:		Certified Max Gross Wt.:	1320 lbs
Time Since Last Inspection:	36 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	36 Hrs at time of accident	Engine Manufacturer:	Titan
ELT:	Installed, not activated	Engine Model/Series:	OX340CCB3J3N4
Registered Owner:	On file	Rated Power:	180 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	0A9,1593 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	15:55 Local	Direction from Accident Site:	240°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	220°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.4 inches Hg	Temperature/Dew Point:	4°C / -9°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Elizabethton, TN (K0A9)	Type of Flight Plan Filed:	None
Destination:	Elizabethton, TN (K0A9)	Type of Clearance:	None
Departure Time:	10:50 Local	Type of Airspace:	Class G

Airport Information

Airport:	Elizabethton Municipal K0A9	Runway Surface Type:	Asphalt
Airport Elevation:	1593 ft msl	Runway Surface Condition:	Dry
Runway Used:	24	IFR Approach:	None
Runway Length/Width:	4529 ft / 70 ft	VFR Approach/Landing:	Touch and go

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	36.371112,-82.173614(est)

Administrative Information

Investigator In Charge (IIC): Hicks, Michael

Additional Participating Persons:

Original Publish Date: April 7, 2015

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=90829>

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