



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	Fulton, MO	<b>Accident Number:</b>	GAA18CA524
<b>Date &amp; Time:</b>	08/28/2018, 0925 CDT	<b>Registration:</b>	N1211B
<b>Aircraft:</b>	Luscombe 8	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

The pilot of the tailwheel-equipped airplane reported that, during the landing roll, a wind gust pushed the airplane left. The pilot added partial throttle to enhance rudder effectiveness but was unsuccessful. The airplane veered left, exited the runway, and impacted a ditch.

The airplane sustained substantial damage to the right wing.

The pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operation.

The automated weather observation station located 10 miles west of the accident airport reported that, about 31 minutes before the accident, the wind was from 180° at 13 knots, gusting to 22 knots. The same automated station reported that, about 29 minutes after the accident, the wind was from 200° at 16 knots, gusting to 23 knots and that the peak wind 4 minutes before the accident was from 190° at 27 knots. The airplane landed on runway 18.

## Flight Events

- Landing-landing roll - Other weather encounter
- Landing - Loss of control on ground
- Landing-landing roll - Attempted remediation/recovery
- Landing - Runway excursion
- Landing - Collision with terr/obj (non-CFIT)

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's failure to maintain directional control during landing in gusting crosswind conditions.

## Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Directional control-Not attained/maintained - C

Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C

Environmental issues-Conditions/weather/phenomena-Wind-Crosswind-Effect on operation

Environmental issues-Conditions/weather/phenomena-Wind-Gusts-Effect on operation

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	41
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	(Estimated) 183 hours (Total, all aircraft), 21 hours (Total, this make and model), 129 hours (Pilot In Command, all aircraft), 16 hours (Last 90 days, all aircraft), 9 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Luscombe	<b>Registration:</b>	N1211B
<b>Model/Series:</b>	8 A	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	On file	<b>Engine Manufacturer:</b>	Continental
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	A65-8
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	KCOU, 898 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Lowest Ceiling:</b>	None	<b>Wind Speed/Gusts, Direction:</b>	16 knots / 23 knots, 200°
<b>Temperature:</b>	31° C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Grove, OK (GMJ)	<b>Destination:</b>	Fulton, MO (FTT)

## Airport Information

<b>Airport:</b>	ELTON HENSLEY MEMORIAL (FTT)	<b>Runway Surface Type:</b>	Concrete
<b>Runway Used:</b>	18	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	4001 ft / 75 ft		

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Latitude, Longitude:</b>	38.836667, -92.000000 (est)		

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Kathryn R Benhoff	<b>Adopted Date:</b>	03/18/2019
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.		
<b>Investigation Docket:</b>	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=98227">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=98227</a>		

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