



Aviation Investigation Final Report

Location:	Bremen, Alabama	Accident Number:	GAA19CA224
Date & Time:	April 20, 2019, 16:30 Local	Registration:	N1866B
Aircraft:	Luscombe 8	Aircraft Damage:	Substantial
Defining Event:	Nose over/nose down	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot of the tailwheel-equipped airplane reported that, during takeoff from a 2,400-ft-long private, grass airstrip, he was concerned the airplane would not clear the wires at the end of the runway, so he aborted the takeoff. The airplane overran the departure end of the runway, crossed a road, and went through a barbed wire fence. Subsequently, the airplane came to rest inverted.

The airplane sustained substantial damage to the left wing and wing lift strut.

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

About the time of the accident, the pilot estimated that the wind was from 290° at 8 knots. The pilot was departing from runway 18.

Probable Cause and Findings

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

The pilot's delayed decision to abort the takeoff, which resulted in a runway overrun, impact with a fence, and a nose-over.

Findings

Personnel issues	Delayed action - Pilot
Environmental issues	Fence/fence post - Effect on operation
Personnel issues	Decision making/judgment - Pilot

Factual Information

History of Flight

Takeoff-rejected takeoff	Runway excursion
Takeoff-rejected takeoff	Collision with terr/obj (non-CFIT)
Takeoff-rejected takeoff	Nose over/nose down (Defining event)

Pilot Information

Certificate:	Private	Age:	59, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	4-point
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without waivers/limitations	Last FAA Medical Exam:	August 7, 2017
Occupational Pilot:	No	Last Flight Review or Equivalent:	June 29, 2018
Flight Time:	(Estimated) 3500 hours (Total, all aircraft), 700 hours (Total, this make and model), 3500 hours (Pilot In Command, all aircraft), 25 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Luscombe	Registration:	N1866B
Model/Series:	8 F	Aircraft Category:	Airplane
Year of Manufacture:	1948	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	6293
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	November 15, 2018 Annual	Certified Max Gross Wt.:	1400 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	5568.67 Hrs as of last inspection	Engine Manufacturer:	Continental
ELT:	C91 installed, not activated	Engine Model/Series:	C-90-12K
Registered Owner:		Rated Power:	90 Horsepower
Operator:		Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KJFX, 483 ft msl	Distance from Accident Site:	14 Nautical Miles
Observation Time:	21:35 Local	Direction from Accident Site:	249°
Lowest Cloud Condition:		Visibility	
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	None / None
Wind Direction:		Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	29.86 inches Hg	Temperature/Dew Point:	20°C / 2°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Bremen, AL (PVT)	Type of Flight Plan Filed:	None
Destination:	Bremen, AL (PVT)	Type of Clearance:	None
Departure Time:	14:15 Local	Type of Airspace:	Class G

Airport Information

Airport:	Private Airport PVT	Runway Surface Type:	Grass/turf
Airport Elevation:	564 ft msl	Runway Surface Condition:	Dry
Runway Used:	18	IFR Approach:	None
Runway Length/Width:	2400 ft / 100 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	33.983612, -87.059448(est)

Administrative Information

Investigator In Charge (IIC):	Gutierrez, Eric
Additional Participating Persons:	Kenneth B Lancaster; FAA; Vestavia Hills, AL
Original Publish Date:	November 6, 2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=99319

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