



# National Transportation Safety Board Aviation Accident Preliminary Report

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<b>Location:</b>	Russellville, AL	<b>Accident Number:</b>	ERA19LA263
<b>Date &amp; Time:</b>	09/02/2019, 0922 CDT	<b>Registration:</b>	N90104
<b>Aircraft:</b>	Weatherly 620	<b>Injuries:</b>	1 Fatal
<b>Flight Conducted Under:</b>	Part 137: Agricultural		

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On September 2, 2019, about 0922 central daylight time, a Weatherly Aviation Company 620B, N90104, was destroyed following a collision with power lines and terrain near Russellville, Alabama. The commercial pilot was fatally injured. The flight was operated by the pilot as a Title 14 Code of Federal Regulations Part 137 aerial application flight. Day, visual meteorological conditions prevailed near the accident site, and no flight plan was filed. The local flight originated from a private, grass airstrip about 0915.

According to the Federal Aviation Administration (FAA) inspector who responded to the accident site, the pilot was applying insecticide and plant regulator to a cotton field. During the first pass of the flight, the airplane overflowed a road and collided with power lines, breaking two of the four wires. The airplane was traveling in a westerly direction at the time. The airplane struck the top of a tree, breaking several limbs. The airplane then collided with the ground and caught fire.

The wreckage path was about 300 feet in length. After the initial impact with the ground, the main wreckage continued for about 50 ft before coming to a stop. Several unidentified sections of the airframe were lodged about 20 to 30 feet up a tree. The fuselage, from the engine to the empennage, was consumed by the postaccident fire.

The pilot, who owned the airplane, held an FAA commercial pilot certificate with single engine land privileges. He reported 5,200 hours total flight time on his latest FAA second class physical application, dated January 17, 2019.

The wreckage was retained for further examination.

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Weatherly	<b>Registration:</b>	N90104
<b>Model/Series:</b>	620 B	<b>Aircraft Category:</b>	Airplane
<b>Amateur Built:</b>	No		
<b>Operator:</b>	On file	<b>Operating Certificate(s) Held:</b>	Agricultural Aircraft (137)

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	MSL, 551 ft msl	<b>Observation Time:</b>	0953 CDT
<b>Distance from Accident Site:</b>	20 Nautical Miles	<b>Temperature/Dew Point:</b>	31 °C / 21 °C
<b>Lowest Cloud Condition:</b>	Clear	<b>Wind Speed/Gusts, Direction:</b>	5 knots / , 310°
<b>Lowest Ceiling:</b>	None	<b>Visibility:</b>	10 Miles
<b>Altimeter Setting:</b>	30.11 inches Hg	<b>Type of Flight Plan Filed:</b>	None
<b>Departure Point:</b>	Trinity, AL (NA)	<b>Destination:</b>	Trinity, AL (NA)

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Fatal	<b>Aircraft Damage:</b>	Destroyed
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	On-Ground
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	Unknown
<b>Total Injuries:</b>	1 Fatal	<b>Latitude, Longitude:</b>	34.539444, -87.530833 (est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Ralph E Hicks
<b>Additional Participating Persons:</b>	Kenneth Lancaster; FAA/FSDO; Birmingham, AL
<b>Note:</b>	The NTSB did not travel to the scene of this accident.