



## National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	WALNUT RIDGE, AR	<b>Accident Number:</b>	FTW93LA172
<b>Date &amp; Time:</b>	06/02/1993, 0640 CDT	<b>Registration:</b>	N48659
<b>Aircraft:</b>	GRUMMAN G-164B	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	1 Serious
<b>Flight Conducted Under:</b>	Part 137: Agricultural		

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On June 2, 1993, at approximately 0640 central daylight time, a Grumman G-164B airplane, N48659, was destroyed upon impact with wires and terrain while maneuvering near Walnut Ridge, Arkansas. The commercial pilot, sole occupant of the airplane, was seriously injured. Visual meteorological conditions prevailed for the aerial application flight.

According to a relative of the operator, the airplane departed the Hicks Airstrip, near Walnut Ridge, Arkansas, with a load of pesticides earlier that morning. It was reported to him, that after reversing direction upon completion of the last pass, the airplane struck powerlines running across the perimeter of the field being sprayed. The pilot reported that he had been spraying this field for the last twenty years and was aware of the location of the powerlines.

The pilot suffered serious back injuries and did not complete NTSB Form 6120.1/2. No maintenance anomalies were reported by the pilot prior to the accident.

The wreckage was verbally released to the owner's representative by the Federal Aviation Administration (FAA) inspector at the accident site.

## Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	59, Male
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Seat Occupied:</b>	Center
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	12/15/1992
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	11000 hours (Total, all aircraft), 7800 hours (Total, this make and model), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	GRUMMAN	<b>Registration:</b>	N48659
<b>Model/Series:</b>	G-164B G-164B	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Restricted	<b>Serial Number:</b>	1048
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	1
<b>Date/Type of Last Inspection:</b>	Annual	<b>Certified Max Gross Wt.:</b>	6075 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Turbo Prop
<b>Airframe Total Time:</b>	5100 Hours	<b>Engine Manufacturer:</b>	GARRETT
<b>ELT:</b>	Not installed	<b>Engine Model/Series:</b>	TPE331
<b>Registered Owner:</b>	HICKS FLYING SERVICE	<b>Rated Power:</b>	600 hp
<b>Operator:</b>	HICKS FLYING SERVICE	<b>Operating Certificate(s) Held:</b>	
<b>Operator Does Business As:</b>	HICKS FLYING SERVICE	<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	ARG, 275 ft msl	Distance from Accident Site:	12 Nautical Miles
Observation Time:	0654 CDT	Direction from Accident Site:	30°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	4 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	140°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	14° C / 11° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	0610 CDT	Type of Airspace:	Class G

## Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Serious	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):	HECTOR R CASANOVA
Additional Participating Persons:	JEFFERY K LASHBROOK; LITTLE ROCK, AR
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .