



# National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	MARKED TREE, AR	<b>Accident Number:</b>	FTW94LA217
<b>Date &amp; Time:</b>	07/01/1994, 1200 CDT	<b>Registration:</b>	N6568
<b>Aircraft:</b>	GRUMMAN G-164A	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 137: Agricultural		

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On July 1, 1994, approximately 1200 central daylight time, a Grumman G-164A, N6568, was substantially damaged when it impacted the ground near Marked Tree, Arkansas. The airplane, flown by a commercial pilot, was on an local aerial application flight. There was no flight plan filed and visual meteorological conditions prevailed. The pilot was not injured.

According to the pilot, he had departed a private strip about 5 miles from the field he was spraying 10 minutes before the accident. He stated that, as he was making his turn after the second pass at 200 feet AGL, the engine lost power without warning. He was not sure if it was a complete power loss or if the engine was still developing idle power.

The pilot subsequently attempted to land between two tree lines; however, he said that the airplane stalled prior to touchdown and one wing dug into the ground and the airplane cart wheeled. The reason for the engine failure was not determined during the field examination and it was not subsequently reported by the operator.

## Pilot Information

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<b>Certificate:</b>	Commercial	<b>Age:</b>	22, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Front
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	None	<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>	06/03/1994
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	600 hours (Total, all aircraft), 65 hours (Total, this make and model), 540 hours (Pilot In Command, all aircraft), 100 hours (Last 90 days, all aircraft), 70 hours (Last 30 days, all aircraft), 12 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	GRUMMAN	Registration:	N6568
Model/Series:	G-164A G-164A	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Restricted	Serial Number:	707
Landing Gear Type:	Tailwheel	Seats:	1
Date/Type of Last Inspection:	11/30/1993, Annual	Certified Max Gross Wt.:	3725 lbs
Time Since Last Inspection:	100 Hours	Engines:	1 Reciprocating
Airframe Total Time:	5500 Hours	Engine Manufacturer:	P&W
ELT:	Not installed	Engine Model/Series:	R-985
Registered Owner:	OSCEOLA AERIAL SERVICE, INC.	Rated Power:	450 hp
Operator:	OSCEOLA AERIAL SERVICE, INC.	Operating Certificate(s) Held:	
Operator Does Business As:		Operator Designator Code:	ZHDG

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1200 CDT	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	15 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	180°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	35° C
Precipitation and Obscuration:			
Departure Point:	(NONE)	Type of Flight Plan Filed:	None
Destination:	(NONE)	Type of Clearance:	None
Departure Time:	1150 CDT	Type of Airspace:	Class G

## Wreckage and Impact Information

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

## Administrative Information

**Investigator In Charge (IIC):** WARREN V WANDEL,

**Additional Participating Persons:** RODNEY L DOSS; 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 [pubinq@ntsb.gov](mailto:pubinq@ntsb.gov), or at 800-877-6799. Dockets released after this date are available at <http://dms.nts.gov/pubdms/>.