



# National Transportation Safety Board Aviation Accident Data Summary

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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>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 137: Agricultural		

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## Analysis

THE PILOT STATED THAT AS HE WAS MAKING HIS TURN AT THE END OF HIS SECOND AERIAL APPLICATION PASS, THE ENGINE LOST POWER WITHOUT WARNING, WHILE THE AIRPLANE WAS AT ABOUT 200 FEET AGL. HE SUBSEQUENTLY ATTEMPTED A FORCED LANDING BETWEEN TWO TREE LINES; HOWEVER, THE AIRPLANE STALLED PRIOR TO TOUCHDOWN AND ONE WING DUG INTO THE GROUND AND THE AIRPLANE CART WHEELED. THE REASON FOR THE POWER LOSS WAS NOT DETERMINED.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE POWER LOSS FOR UNDETERMINED REASONS. FACTORS WERE THE PILOT'S INADVERTENT ENTRY INTO A STALL AND THE LACK OF SUITABLE TERRAIN ONTO WHICH TO EXECUTE THE LANDING.

## Findings

Occurrence #1: LOSS OF ENGINE POWER  
Phase of Operation: MANEUVERING - AERIAL APPLICATION

Findings  
1. (C) REASON FOR OCCURRENCE UNDETERMINED  
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Occurrence #2: FORCED LANDING  
Phase of Operation: DESCENT - EMERGENCY  
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Occurrence #3: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: DESCENT - EMERGENCY

Findings  
2. (F) TERRAIN CONDITION - NONE SUITABLE  
3. (F) STALL - INADVERTENT - PILOT IN COMMAND  
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Occurrence #4: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: DESCENT - UNCONTROLLED

## Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	22
<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>	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

<b>Aircraft Make:</b>	GRUMMAN	<b>Registration:</b>	N6568
<b>Model/Series:</b>	G-164A G-164A	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	OSCEOLA AERIAL SERVICE, INC.	<b>Engine Manufacturer:</b>	P&W
<b>Operating Certificate(s) Held:</b>		<b>Engine Model/Series:</b>	R-985
<b>Flight Conducted Under:</b>	Part 137: Agricultural		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	, 0 ft msl	<b>Weather Information Source:</b>	Pilot
<b>Lowest Ceiling:</b>	None / 0 ft agl	<b>Wind Speed/Gusts, Direction:</b>	4 knots / , 180°
<b>Temperature:</b>	35° C	<b>Visibility</b>	15 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	(NONE)	<b>Destination:</b>	(NONE)

## 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>			

## Administrative Information

<b>Investigator In Charge (IIC):</b>	WARREN V WANDEL,	<b>Adopted Date:</b>	01/26/1995
<b>Investigation Docket:</b>	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.ntsbt.gov/pubdms/">http://dms.ntsbt.gov/pubdms/</a> .		

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