



# National Transportation Safety Board Aviation Accident Data Summary

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<b>Location:</b>	DODDSVILLE, MS	<b>Accident Number:</b>	ATL82DA188
<b>Date &amp; Time:</b>	07/01/1982, 0730 CDT	<b>Registration:</b>	N7397
<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 REPORTED THAT AT THE END OF A SWATH RUN, HE NOTICED THE SMELL OF BURNED OIL AND SAW SMOKE WHEN THE ENGINE BEGAN A HARD MISS. HE REPORTED THAT THESE OCCURRED WHEN THE NUMBER FIVE CYLINDER FAILED. HE MADE A FORCED LANDING IN A FLOODED RICE FIELD WHERE THE GEAR FAILED AND THE PLANE FLIPPED OVER.

## Probable Cause

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

## Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - MECH FAILURE/MALF  
Phase of Operation: MANEUVERING - AERIAL APPLICATION

### Findings

1. (C) ENGINE ASSEMBLY,CYLINDER - FAILURE,TOTAL  
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Occurrence #2: FORCED LANDING  
Phase of Operation: LANDING - FLARE/TOUCHDOWN  
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Occurrence #3: MAIN GEAR COLLAPSED  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

### Findings

2. (F) TERRAIN CONDITION - WET  
3. (F) TERRAIN CONDITION - SOFT  
4. (F) LANDING GEAR,MAIN GEAR - OVERLOAD  
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Occurrence #4: NOSE OVER  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

## Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	37
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>		<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	6565 hours (Total, all aircraft), 1500 hours (Total, this make and model), 6500 hours (Pilot In Command, all aircraft), 250 hours (Last 90 days, all aircraft), 8 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	GRUMMAN	<b>Registration:</b>	N7397
<b>Model/Series:</b>	G-164A G-164A	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	MEEKS FLYING SERVICE	<b>Engine Manufacturer:</b>	P & W
<b>Operating Certificate(s) Held:</b>		<b>Engine Model/Series:</b>	R-985-AN1
<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>	Unknown
<b>Lowest Ceiling:</b>	Unknown / 0 ft agl	<b>Wind Speed/Gusts, Direction:</b>	1 knots / , Variable
<b>Temperature:</b>		<b>Visibility</b>	7 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	DODDSVILLE, MS	<b>Destination:</b>	DODDSVILLE, MS

## 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>	<b>Adopted Date:</b> 07/01/1983
<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.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .

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