



National Transportation Safety Board Aviation Accident Data Summary

Location:	KNOBLE, AR	Accident Number:	MKC87LA114
Date & Time:	06/01/1987, 1400 CDT	Registration:	N730Y
Aircraft:	GRUMMAN G-164	Injuries:	1 Minor
Flight Conducted Under:	Part 137: Agricultural		

Analysis

THE PIC HAD TAKEN OFF FOR A LOCAL AERIAL APPLICATION OPERATION. WHILE MANEUVERING TO MAKE INITIAL APPLICATION THE ACFT STARTED TO LOSE POWER AND SINK DURING A DOWNWIND TURN. PIC DUMPED HIS LOAD BUT ACFT CONTINUED TO SINK UNTIL ONE WING STRUCK THE TERRAIN AND NOSED 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

Phase of Operation: MANEUVERING - AERIAL APPLICATION

Findings

1. (C) REASON FOR OCCURRENCE UNDETERMINED
2. (F) STALL/MUSH - INADVERTENT - PILOT IN COMMAND
3. (C) AIRSPEED - INADEQUATE - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: MANEUVERING - AERIAL APPLICATION

Findings

4. TERRAIN CONDITION - OPEN FIELD

Pilot Information

Certificate:	Private	Age:	29
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	800 hours (Total, all aircraft), 455 hours (Total, this make and model), 738 hours (Pilot In Command, all aircraft), 26 hours (Last 90 days, all aircraft), 35 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	GRUMMAN	Registration:	N730Y
Model/Series:	G-164 G-164	Engines:	1 Reciprocating
Operator:	EDWARD L. SELLMAYER	Engine Manufacturer:	P&W
Operating Certificate(s) Held:	None	Engine Model/Series:	R-985-AN1
Flight Conducted Under:	Part 137: Agricultural		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	12 knots / , 200°
Temperature:	31 °C	Visibility	0 Miles
Precipitation and Obscuration:			
Departure Point:		Destination:	

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	JOHN R HRUBAN	Adopted Date:	05/09/1988
Investigation Docket:	NTSB accident and incident docket 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 , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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