



National Transportation Safety Board Aviation Accident Data Summary

Location:	WALNUT RIDGE, AR	Accident Number:	FTW93LA172
Date & Time:	06/02/1993, 0640 CDT	Registration:	N48659
Aircraft:	GRUMMAN G-164B	Injuries:	1 Serious
Flight Conducted Under:	Part 137: Agricultural		

Analysis

THE AGRICULTURAL AIRPLANE IMPACTED POWERLINES AFTER REVERSING DIRECTION TO COMPLETE THE LAST SWATH RUN. THE PILOT REPORTED THAT HE HAD BEEN SPRAYING THE SAME FIELD FOR THE LAST TWENTY YEARS AND WAS WELL AWARE OF THE LOCATION OF THE POWERLINES.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S FAILURE TO MAINTAIN ADEQUATE CLEARANCE.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: MANEUVERING - TURN TO REVERSE DIRECTION

Findings

1. OBJECT - WIRE, TRANSMISSION
2. (C) CLEARANCE - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Findings

3. TERRAIN CONDITION - CROP

Pilot Information

Certificate:	Commercial	Age:	59
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	11000 hours (Total, all aircraft), 7800 hours (Total, this make and model), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	GRUMMAN	Registration:	N48659
Model/Series:	G-164B G-164B	Engines:	1 Turbo Prop
Operator:	HICKS FLYING SERVICE	Engine Manufacturer:	GARRETT
Operating Certificate(s) Held:		Engine Model/Series:	TPE331
Flight Conducted Under:	Part 137: Agricultural		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	ARG, 275 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	5 knots / , 140°
Temperature:	14° C	Visibility	4 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

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
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	HECTOR R CASANOVA	Adopted Date:	06/30/1994
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 , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.