



National Transportation Safety Board Aviation Accident Data Summary

Location:	TELLASSE, AL	Accident Number:	ATL99LA002
Date & Time:	10/02/1998, 0835 CDT	Registration:	N4832R
Aircraft:	Cessna 188B	Injuries:	1 Minor
Flight Conducted Under:	Part 137: Agricultural		

Analysis

The pilot was approaching from the northeast for a swath spray, waiting to fly over power lines that intersected a cotton field at the arrival end. The pilot thought that he was clear to push over into the cotton field to start his spray run. However, he was not completely clear of the power lines and on the push over became entangled with the ridge wire that runs from one pole to another giving the poles stability. The wire tangled between the propeller blades and around the propeller shaft slowing the engine to a stop. While tethered by the cable the aircraft fell approximately 250 to 300 feet, striking a slope and turning almost 180 degrees from the direction of impact.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The pilot's failure to maintain clearance from a utility line while conducting a swath run.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: MANEUVERING - AERIAL APPLICATION

Findings

1. OBJECT - WIRE, STATIC
2. (C) CLEARANCE - MISJUDGED - PILOT IN COMMAND

Pilot Information

Certificate:	Commercial	Age:	22
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine; Instrument Airplane
Flight Time:	620 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N4832R
Model/Series:	188B 188B	Engines:	1 Reciprocating
Operator:	WILLIAM HARRY MC GOWAN	Engine Manufacturer:	Continental
Operating Certificate(s) Held:		Engine Model/Series:	IO-520-D
Flight Conducted Under:	Part 137: Agricultural		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	MGM, 221 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	9 knots / , 90°
Temperature:	24° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	SHORTER, AL (PVT)	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):	BUTCH WILSON	Adopted Date:	07/26/2001
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/ .		

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