



# National Transportation Safety Board Aviation Accident Final Report

---

<b>Location:</b>	HILLSBORO, AL	<b>Accident Number:</b>	ATL82DA260
<b>Date &amp; Time:</b>	09/01/1982, 1425 CDT	<b>Registration:</b>	N9759V
<b>Aircraft:</b>	CESSNA A188	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 137: Agricultural		

---

## Analysis

THE PILOT REPORTED THAT WHILE MAKING A SWATH RUN TO THE WEST OVER UNEVEN TERRAIN, HIS RIGHT WING CONTACTED THE COTTON CROP THAT HE WAS SPRAYING. THE AIRCRAFT CRASHED AND BEGAN TO BURN AFTER COMING TO REST INVERTED. THE PILOT ESCAPED WITH MINOR INJURIES BEFORE THE FLAMES SPREAD. HE REPORTED THAT THE WIND WAS FROM THE NORTHWEST WITH GUSTS TO 30 KTS.

## Probable Cause and Findings

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

## Findings

---

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: MANEUVERING - AERIAL APPLICATION

### Findings

1. (F) WEATHER CONDITION - GUSTS
2. (F) TERRAIN CONDITION - MOUNTAINOUS/HILLY
3. (F) TERRAIN CONDITION - HIGH VEGETATION
4. (C) CLEARANCE - MISJUDGED - PILOT IN COMMAND

## Factual Information

### Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	46, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Unknown
<b>Other Aircraft Rating(s):</b>		<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	
<b>Medical Certification:</b>	Class 2 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	01/04/1982
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	10108 hours (Total, all aircraft), 800 hours (Total, this make and model), 10108 hours (Pilot In Command, all aircraft), 380 hours (Last 90 days, all aircraft), 14 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N9759V
<b>Model/Series:</b>	A188 A188	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>		<b>Serial Number:</b>	188-0209
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	1
<b>Date/Type of Last Inspection:</b>	Unknown	<b>Certified Max Gross Wt.:</b>	3300 lbs
<b>Time Since Last Inspection:</b>	0 Hours	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	2180 Hours	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Not installed	<b>Engine Model/Series:</b>	IO-520D
<b>Registered Owner:</b>	E. GLENN SHAFFER	<b>Rated Power:</b>	300 hp
<b>Operator:</b>	E. GLENN SHAFFER	<b>Operating Certificate(s) Held:</b>	

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	20 Miles
Lowest Ceiling:	Unknown / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	30 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	315°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	82° C / 0° C
Precipitation and Obscuration:			
Departure Point:	COURTLAND, AL	Type of Flight Plan Filed:	None
Destination:	LOCAL	Type of Clearance:	None
Departure Time:	1330	Type of Airspace:	

## Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	On-Ground
Total Injuries:	1 Minor	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):	Report Date:	09/01/1983
Additional Participating Persons:		
Publish Date:		
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 <a href="mailto:pubinquiry@ntsb.gov">pubinquiry@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> .	

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. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).