



National Transportation Safety Board Aviation Accident Data Summary

Location:	MINOT, ND	Accident Number:	CHI94LA218
Date & Time:	07/01/1994, 1600 CDT	Registration:	N2851F
Aircraft:	CALLAIR A9B	Injuries:	1 None
Flight Conducted Under:	Part 137: Agricultural		

Analysis

THE PILOT REPORTED HE WAS FLYING AN AERIAL APPLICATION SWATH RUN ALONG THE SIDE OF A HILL. HE SAID HE FLEW THROUGH A WHIRLWIND AND THE BOOM STRUCK THE WHEAT. THE AIRPLANE SWUNG AROUND AND STOPPED IN APPROXIMATELY 300 FEET

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 the wheat field. A factor was the turbulence.

Findings

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

Findings

1. (F) WEATHER CONDITION - TURBULENCE
2. TERRAIN CONDITION - CROP
3. (C) CLEARANCE - NOT MAINTAINED - PILOT IN COMMAND

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	69
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):		Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine
Flight Time:	45000 hours (Total, all aircraft), 8000 hours (Total, this make and model), 45000 hours (Pilot In Command, all aircraft), 220 hours (Last 90 days, all aircraft), 110 hours (Last 30 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CALLAIR	Registration:	N2851F
Model/Series:	A9B A9B	Engines:	1 Reciprocating
Operator:	PIETSCH SPRAYING INC.	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:		Engine Model/Series:	IO-540
Flight Conducted Under:	Part 137: Agricultural		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	MOT, 1715 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	11 knots / , 100°
Temperature:	20° C	Visibility	20 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Wreckage and Impact Information

Crew Injuries:	1 None	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):	WESLEY M ROBBINS,	Adopted Date:	02/14/1995
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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