



National Transportation Safety Board Aviation Accident Data Summary

Location:	PLAINFIELD, WI	Accident Number:	CHI89DEP10
Date & Time:	08/01/1989, 1730 CDT	Registration:	N5044S
Aircraft:	Air Tractor AT-301	Injuries:	1 Fatal
Flight Conducted Under:	Part 137: Agricultural		

Analysis

DURING AN AERIAL APPLICATION MANEUVER, THE AIRCRAFT DEPARTED CONTROLLED FLIGHT AND IMPACTED THE TERRAIN. THE AIRCRAFT WAS DESTROYED AND THE PILOT SUSTAINED FATAL INJURIES. SUBSEQUENT INVESTIGATION FOUND NOTHING OF A MECHANICAL NATURE IN THE WRECKAGE THAT WOULD HAVE CONTRIBUTED TO THE ACCIDENT.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: FAILURE OF THE PILOT-IN-COMMAND TO MAINTAIN CONTROL OF THE AIRCRAFT WHILE CONDUCTING AERIAL APPLICATION MANEUVERS IN CLOSE PROXIMITY TO THE TERRAIN.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: MANEUVERING - AERIAL APPLICATION

- Findings
1. (C) AIRCRAFT CONTROL - NOT MAINTAINED - PILOT IN COMMAND
 2. (C) STALL/MUSH - INADVERTENT - PILOT IN COMMAND
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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Pilot Information

Certificate:	Commercial	Age:	35
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	7200 hours (Total, all aircraft), 6900 hours (Pilot In Command, all aircraft), 200 hours (Last 90 days, all aircraft), 150 hours (Last 30 days, all aircraft), 8 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Air Tractor	Registration:	N5044S
Model/Series:	AT-301 AT-301	Engines:	1 Reciprocating
Operator:	REABE SPRAYING SERVICE, INC.	Engine Manufacturer:	P&W
Operating Certificate(s) Held:		Engine Model/Series:	R-1340-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:	OSH, 805 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	10 knots / , 220°
Temperature:	29° C	Visibility	8 Miles
Precipitation and Obscuration:			
Departure Point:	PLAINFIELD, WI (PVT)	Destination:	

Wreckage and Impact Information

Crew Injuries:	1 Fatal	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):	CHARLES A EBERT	Adopted Date:	06/26/1992
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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