



National Transportation Safety Board Aviation Accident Data Summary

Location:	MARENGO, OH	Accident Number:	NYC93LA097
Date & Time:	06/01/1993, 1150 EDT	Registration:	N8254G
Aircraft:	CESSNA A188B	Injuries:	1 Fatal
Flight Conducted Under:	Part 137: Agricultural		

Analysis

THE PILOT WAS ON HIS THIRD DAY OF AERIAL APPLICATION FLYING. HIS TOTAL AERIAL APPLICATION EXPERIENCE CONSISTED OF 5 HOURS, INCLUDING THE ACCIDENT FLIGHT. TOTAL FLIGHT TIME IN TYPE AND MODEL WAS APPROXIMATELY 7 HOURS. THE PILOT WAS OBSERVED FLYING SEVERAL APPLICATION RUNS PRIOR TO THE ACCIDENT. THE AIRPLANE WAS OBSERVED FLYING UNDER POWER LINES DURING ONE OF THE RUNS. DURING THE PULL UP, AT THE COMPLETION OF THE ACCIDENT RUN, A WITNESS OBSERVED THE AIRPLANE'S RIGHT WING STRIKE A TREE. THE AIRPLANE STAGGERED, THEN NOSED OVER AND IMPACTED THE GROUND.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
THE PILOT'S MISJUDGED CLEARANCE FROM OBSTACLES DURING AERIAL APPLICATION, RESULTING IN A COLLISION WITH TREES. A FACTOR IN THIS ACCIDENT WAS THE PILOT'S LACK OF TOTAL EXPERIENCE IN AERIAL APPLICATION FLYING.

Findings

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

Findings

1. OBJECT - TREE(S)
2. (C) CLEARANCE - MISJUDGED - PILOT IN COMMAND
3. (F) LACK OF TOTAL EXPERIENCE IN TYPE OPERATION - PILOT IN COMMAND

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

Findings

4. TERRAIN CONDITION - OPEN FIELD

Pilot Information

Certificate:	Airline Transport; Flight Instructor; Commercial	Age:	45
Airplane Rating(s):	Multi-engine Land; Single-engine Land; Single-engine Sea	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine
Flight Time:	6000 hours (Total, all aircraft), 7 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N8254G
Model/Series:	A188B A188B	Engines:	1 Reciprocating
Operator:	CARL R. FISHER JR	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:		Engine Model/Series:	IO-720-L-371
Flight Conducted Under:	Part 137: Agricultural		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Witness
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Light and Variable / , Variable
Temperature:	21° C	Visibility	7 Miles
Precipitation and Obscuration:			
Departure Point:	MOUNT GILEAD, OH (4I9)	Destination:	(4I9)

Wreckage and Impact Information

Crew Injuries:	1 Fatal	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):	ROBERT L PEARCE	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/ .		

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