



National Transportation Safety Board Aviation Accident Data Summary

Location:	DE WITT, AR	Accident Number:	FTW93LA146
Date & Time:	05/01/1993, 0830 CDT	Registration:	N28587
Aircraft:	PZL-MIELEC PZL-M-18	Injuries:	1 Minor
Flight Conducted Under:	Part 137: Agricultural		

Analysis

DURING THE TAKEOFF TO THE NORTH, THE AIRPLANE WAS APPROXIMATELY TWENTY FEET ABOVE THE GROUND AND APPROXIMATELY 400 YARDS BEYOND A ROAD BEING UTILIZED AS AN AERIAL STRIP WHEN THE PILOT STARTED A TURN TO THE NORTHEAST. THE PILOT REPORTED THAT 'DURING THE TURN THE POWER SETTING WAS OK BUT THE AIRPLANE STARTED TO SETTLE AS IF IN A DOWNDRAFT.' PILOT REPORTED THE WINDS FROM THE SOUTH WITH GUSTS TO 15 KNOTS. THE PILOT DECIDED TO LAND THE AIRPLANE IN THE RICE FIELD. WITH THE CLIMB ATTITUDE OF THE AIRPLANE, THE PILOT WAS NOT ABLE TO SEE A BULLDOZER PARKED IN THE FIELD. THE AIRPLANE STRUCK THE BULLDOZER AND SUBSEQUENTLY, DURING THE UNCONTROLLED DESCENT, CAME TO REST IN AN INVERTED POSITION ON THE BANK OF THE RICE LEVEE. A POST CRASH FIRE DESTROYED THE AIRPLANE

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: COMPENSATION FOR WIND IMPROPER BY PILOT. FACTORS WERE TAILWIND AND DOWNDRAFT

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: DESCENT - EMERGENCY

Findings

1. OBJECT - VEHICLE
2. (F) WEATHER CONDITION - TAILWIND
3. (F) WEATHER CONDITION - DOWNDRAFT
4. (C) COMPENSATION FOR WIND CONDITIONS - IMPROPER - PILOT IN COMMAND

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

Pilot Information

Certificate:	Commercial	Age:	44
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	12000 hours (Total, all aircraft), 4000 hours (Total, this make and model), 150 hours (Last 90 days, all aircraft), 75 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PZL-MIELEC	Registration:	N28587
Model/Series:	PZL-M-18 PZL-M-18	Engines:	1 Reciprocating
Operator:	BULLOCK FLYING SERVICE	Engine Manufacturer:	PEZETEL
Operating Certificate(s) Held:		Engine Model/Series:	ASZ-621R-M-18
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:	Pilot
Lowest Ceiling:	Broken / 2000 ft agl	Wind Speed/Gusts, Direction:	5 knots / 15 knots, 180°
Temperature:	21 °C	Visibility	5 Miles
Precipitation and Obscuration:			
Departure Point:	, AR	Destination:	

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:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	JOYCE M SMITH	Adopted Date:	10/25/1993
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.ntsbt.gov/pubdms/ .		

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