



National Transportation Safety Board Aviation Accident Data Summary

Location:	MARSHALL, MN	Accident Number:	CHI83LA031
Date & Time:	11/01/1982, 0445 CST	Registration:	N6246J
Aircraft:	PIPER PA-28-181	Injuries:	2 Serious, 1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

DURING A PREFLIGHT WEATHER BRIEFING, THE PILOT WAS WARNED THAT VFR FLIGHT WAS NOT RECOMMENDED. ALSO, A FIXED BASE OPERATOR WARNED HIM OF THE WEATHER (THERE WERE PATCHES OF GROUND FOG). AFTER TAKEOFF, FOG WAS ENCOUNTERED AT ABOUT 200 TO 500 FT AGL. DURING A DESCENDING TURN BACK TOWARD THE AIRPORT, THE RIGHT WING CONTACTED THE GROUND AND THE PLANE CRASHED.

Probable Cause

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

Findings

Occurrence #1: IN FLIGHT ENCOUNTER WITH WEATHER
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (F) LIGHT CONDITION - DARK NIGHT
2. (F) WEATHER CONDITION - FOG
3. (C) PLANNING/DECISION - IMPROPER - PILOT IN COMMAND
4. LACK OF TOTAL INSTRUMENT TIME - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: MANEUVERING - TURN TO LANDING AREA (EMERGENCY)

Pilot Information

Certificate:	Private	Age:	20
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):		Instructor Rating(s):	None
Flight Time:	156 hours (Total, all aircraft), 17 hours (Total, this make and model), 28 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N6246J
Model/Series:	PA-28-181 PA-28-181	Engines:	1 Reciprocating
Operator:	DWIRE BROS.	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:		Engine Model/Series:	O-360
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	RWF, 0 ft msl	Weather Information Source:	Unknown
Lowest Ceiling:	Unknown / 0 ft agl	Wind Speed/Gusts, Direction:	4 knots / , 310°
Temperature:	39° C	Visibility	1 Miles
Precipitation and Obscuration:			
Departure Point:	MARSHALL, MN (MML)	Destination:	MOOSE LAKE, MN (21Y)

Airport Information

Airport:	RYAN FIELD (MML)	Runway Surface Type:	Asphalt
Runway Used:	30	Runway Surface Condition:	Dry
Runway Length/Width:	4850 ft / 100 ft		

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Serious, 1 Minor	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	Adopted Date:	11/01/1983
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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