



National Transportation Safety Board Aviation Accident Data Summary

Location:	VALPARAISO, IN	Accident Number:	CHI94LA030
Date & Time:	11/02/1993, 1400 EST	Registration:	N369DP
Aircraft:	WACO YMF-5	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Ferry		

Analysis

THE PILOT REPORTED HE WAS LANDING IN A GUSTY CROSSWIND WHEN A GUST OF WIND LIFTED THE LEFT WING. HE SAID HE WAS UNABLE TO MAINTAIN DIRECTIONAL CONTROL, AND THE AIRPLANE SUBSEQUENTLY GROUND LOOPED AND NOSED OVER. THE PILOT REPORTED A TOTAL OF 5.8 HOURS OF FLIGHT EXPERIENCE IN THIS TYPE AIRPLANE AT THE TIME THE ACCIDENT OCCURRED.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S INADEQUATE COMPENSATION FOR WIND CONDITIONS WHILE LANDING IN A GUSTY CROSSWIND. FACTORS ASSOCIATED WITH THE ACCIDENT ARE THE GUSTY CROSSWIND AND THE PILOT'S LACK OF EXPERIENCE IN THIS TYPE AIRPLANE.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

1. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
3. (F) LACK OF TOTAL EXPERIENCE IN TYPE OF AIRCRAFT - PILOT IN COMMAND
4. (F) WEATHER CONDITION - CROSSWIND
5. (F) WEATHER CONDITION - GUSTS

Occurrence #2: NOSE OVER
Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Private	Age:	50
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	937 hours (Total, all aircraft), 6 hours (Total, this make and model), 842 hours (Pilot In Command, all aircraft), 17 hours (Last 90 days, all aircraft), 8 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	WACO	Registration:	N369DP
Model/Series:	YMF-5 YMF-5	Engines:	1 Reciprocating
Operator:	GARY L. PETERSEN	Engine Manufacturer:	JACOBS
Operating Certificate(s) Held:	None	Engine Model/Series:	R755B2M1
Flight Conducted Under:	Part 91: General Aviation - Ferry		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	VPZ, 770 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Overcast / 8000 ft agl	Wind Speed/Gusts, Direction:	15 knots / 20 knots, 200°
Temperature:	7° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	LANSING, MI (LAN)	Destination:	CRETE, NE (CEK)

Airport Information

Airport:	PORTER COUNTY AIRPORT (VPZ)	Runway Surface Type:	Asphalt
Runway Used:	27	Runway Surface Condition:	Dry
Runway Length/Width:	6000 ft / 150 ft		

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): J R VALLASTER Adopted Date: 09/13/1994

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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