



National Transportation Safety Board

Aviation Accident Data Summary

Location:	WEST LAFAYETTE, IN	Accident Number:	CHI83LA126
Date & Time:	03/01/1983, 1830 CST	Registration:	N28JF
Aircraft:	VARIEZE VARIEZE	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT LANDED FAST AND WENT OFF THE SIDE OF THE RUNWAY AFTER ABOUT 3000 FEET OF ROLL. A COLLISION WITH VASI LIGHTS STOPPED THE VARIEZE. THIS WAS THE PILOT'S FIRST SOLO FLIGHT IN THIS TYPE AIRCRAFT. SHE HAD A VERY SHORT 1/2 HOUR CHECKOUT BY THE OWNER OF THE AIRCRAFT.

Probable Cause

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

Findings

Occurrence #1: OVERRUN

Phase of Operation: LANDING - ROLL

Findings

1. (C) DISTANCE - MISJUDGED - PILOT IN COMMAND
2. (C) AIRSPEED - MISJUDGED - PILOT IN COMMAND
3. (C) LACK OF FAMILIARITY WITH AIRCRAFT - PILOT IN COMMAND
4. (C) COMPLACENCY - CHECK PILOT

Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT

Phase of Operation: LANDING - ROLL

Findings

5. (F) OBJECT - APPROACH LIGHT/NAVAID

Pilot Information

Certificate:	Commercial	Age:	21
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):		Instructor Rating(s):	Airplane Single-engine
Flight Time:	637 hours (Total, all aircraft), 1 hours (Total, this make and model), 509 hours (Pilot In Command, all aircraft), 63 hours (Last 90 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	VARIEZE	Registration:	N28JF
Model/Series:	VARIEZE VARIEZE	Engines:	1 Reciprocating
Operator:	N/A	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-200
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	LAF, 606 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 25000 ft agl	Wind Speed/Gusts, Direction:	7 knots / , 290°
Temperature:	14° C	Visibility	8 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:	PURDUE UNIVERSITY (LAF)	Runway Surface Type:	Asphalt
Runway Used:	10	Runway Surface Condition:	Dry
Runway Length/Width:	6600 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):	E. J MCAVOY	Adopted Date:	
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/ .		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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