



National Transportation Safety Board Aviation Accident Data Summary

Location:	SUSSEX, WI	Accident Number:	CHI85FA185A
Date & Time:	05/02/1985, 0858 CDT	Registration:	N5182C
Aircraft:	BEECH B35	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

A STUDENT PLT WAS ON HIS 1ST SOLO X-COUNTRY FLT IN A CESSNA 152, N6464L. AFTER TAKING OFF AT THE BROOKFIELD ARPT (ELEV 850 FT), HE HAD CLIMBED TO 2000 FT MSL AND WAS HEADING 350 DEG WHEN HE SAW A BEECH B35 (BONANZA), N5182C, CONVERGING FROM HIS RIGHT. THE STUDENT TOOK EVASIVE ACTION, BUT THE PROP & RIGHT WING TIP OF THE BEECH B35 HIT THE RIGHT HORIZONTAL STABILIZER, RIGHT WING ROOT & RIGHT FLAP OF THE CESSNA. THE COMMERCIALY RATED PLT OF THE BEECH B35 WAS CRUISING WESTBOUND AT 2000 FT MSL. HE DID NOT SEE THE CESSNA UNTIL AFTER THE COLLISION. BOTH ACFT WERE SUBSTANTIALLY DAMAGED, BUT BOTH CONTINUED FLYING & WERE LANDED WITHOUT FURTHER INCIDENT.

Probable Cause

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

Findings

Occurrence #1: MIDAIR COLLISION
Phase of Operation: CRUISE - NORMAL

Findings

1. (C) VISUAL LOOKOUT - INADEQUATE - PILOT IN COMMAND
2. (C) VISUAL LOOKOUT - INADEQUATE - PILOT OF OTHER AIRCRAFT
3. PRECAUTIONARY LANDING - PERFORMED - PILOT IN COMMAND
4. PRECAUTIONARY LANDING - PERFORMED - PILOT OF OTHER AIRCRAFT

Pilot Information

Certificate:	Commercial	Age:	65
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	4840 hours (Total, all aircraft), 80 hours (Total, this make and model), 2400 hours (Pilot In Command, all aircraft), 10 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N5182C
Model/Series:	B35 B35	Engines:	1 Reciprocating
Operator:	JOSEPH J. LANGENFELD	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	E-225-8
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:	MKE, 723 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	10 knots / , 310°
Temperature:	9°C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	MILWAUKEE, WI (MKE)	Destination:	VERMILLION, SD (3VM)

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	JAMES SIEGMAN	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/ .		

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