



National Transportation Safety Board Aviation Accident Data Summary

Location:	MANDAN, ND	Accident Number:	DEN87LA129
Date & Time:	05/02/1987, 1530 CDT	Registration:	N75546
Aircraft:	BOEING A75N1	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT AND HIS SON WERE FERRYING A RECENTLY PURCHASED BOEING STEARMAN TO THEIR HOME IN OHIO. DURING LANDING ROLL, AT AN EN ROUTE STOP, A GUST OF WIND LIFTED THE TAIL SECTION AND THE ACFT GROUNDLOOPEd. THE LEFT WING STRUCK THE RUNWAY AND THE ACFT WAS SUBSTANTIALLY DAMAGED.

Probable Cause

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

Findings

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

Findings

1. (F) WEATHER CONDITION - GUSTS
2. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
3. (C) GROUND LOOP/SWERVE - NOT CORRECTED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Private	Age:	55
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	2300 hours (Total, all aircraft), 300 hours (Total, this make and model), 12 hours (Last 90 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BOEING	Registration:	N75546
Model/Series:	A75N1 A75N1	Engines:	1 Reciprocating
Operator:	CHARLES S. GELAL	Engine Manufacturer:	P&W
Operating Certificate(s) Held:	None	Engine Model/Series:	R-985
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:	, 0 ft msl	Weather Information Source:	Witness
Lowest Ceiling:	Overcast / 3500 ft agl	Wind Speed/Gusts, Direction:	5 knots / 15 knots, 270°
Temperature:		Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	DICKINSON, ND (DIK)	Destination:	

Airport Information

Airport:	MANDAN (Y19)	Runway Surface Type:	Grass/turf
Runway Used:	33	Runway Surface Condition:	Dry
Runway Length/Width:	2436 ft / 45 ft		

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):	ROBERT B COLLINS	Adopted Date:	10/07/1988
Investigation Docket:	NTSB accident and incident docket 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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