



National Transportation Safety Board Aviation Accident Data Summary

Location:	Sturgeon Bay, WI	Accident Number:	CHI07LA135
Date & Time:	05/05/2007, 1930 CDT	Registration:	N53WT
Aircraft:	Cessna 414A	Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported that about eight minutes prior to landing, the right hydraulic light on the annunciator panel illuminated. He lowered the landing gear and continued to his destination. He flew the approach with flaps deployed halfway due to a crosswind, and upon touchdown at a "normal point and airspeed," he deployed full flaps. The pilot reported that the brakes had little or no effect. The airplane overran the runway, went through a chain link perimeter fence, and came to a stop on a perimeter road 449 feet from the edge of the runway. The inspection of the runway revealed black skid marks from both left and right main gear tires continuing to the end of the runway 20, where furrows from both main tires continued through the grass almost to the fence line. The inspection of the brake assemblies by a mechanic revealed that both brake discs and pads were worn and in need of service. The right brake was leaking fluid. The mechanic reported that the left side required a new brake disc and new brake pads, and the right side required new brake pads. Wind conditions were reported as 070 degrees at 10 knots.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: Worn brakes which resulted in an overrun during landing. A fence was a factor.

Findings

Occurrence #1: OVERRUN
Phase of Operation: LANDING

Findings
1. (C) LANDING GEAR,NORMAL BRAKE SYSTEM - WORN

Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: LANDING

Findings
2. (F) OBJECT - FENCE

Pilot Information

Certificate:	Private	Age:	76
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	4938 hours (Total, all aircraft), 2485 hours (Total, this make and model), 4908 hours (Pilot In Command, all aircraft), 70 hours (Last 90 days, all aircraft), 30 hours (Last 30 days, all aircraft), 14 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N53WT
Model/Series:	414A	Engines:	2 Reciprocating
Operator:	C and S Manufacturing Corporation	Engine Manufacturer:	Teledyne Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	TSIO-520-NB
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:	SUE, 725 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	10 knots / , 70°
Temperature:	12° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Iron Mountain, MI (IMT)	Destination:	Sturgeon Bay, WI (KSUE)

Airport Information

Airport:	DOOR COUNTY CHERRYLAND (SUE)	Runway Surface Type:	Asphalt
Runway Used:	20	Runway Surface Condition:	Dry
Runway Length/Width:	4600 ft / 75 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:	44.843611, -87.421389		

Administrative Information

Investigator In Charge (IIC): James Silliman

Adopted Date: 02/28/2008

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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