



National Transportation Safety Board Aviation Accident Data Summary

Location:	Dickinson, ND	Accident Number:	CHI07LA064
Date & Time:	02/01/2007, 1615 MST	Registration:	N6631C
Aircraft:	Cessna 414A	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

The airplane received substantial damage when the right main landing gear retracted upon landing. The pilot reported that when he attempted to lower the landing gear during approach, both main landing gear indications did not show a down and locked condition. After several attempts at recycling the landing gear, the pilot tried to use the emergency gear extension method, but both main landing gear indications were not down and locked. The pilot then contacted an individual at the airport who informed the pilot that his main gear appeared to be down. The pilot then attempted to land the airplane, during which the right main gear retracted. Post accident examination of the landing gear system revealed no anomalies.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The undetermined failure of the emergency landing gear system and the retraction of the right main landing gear during landing.

Findings

Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION
Phase of Operation: APPROACH

Findings

1. (C) LANDING GEAR - UNDETERMINED
2. (C) LANDING GEAR, EMERGENCY EXTENSION ASSEMBLY - UNDETERMINED

Occurrence #2: GEAR RETRACTION ON GROUND
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

3. TERRAIN CONDITION - RUNWAY

Pilot Information

Certificate:	Private	Age:	54
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	4268 hours (Total, all aircraft), 818 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Cessna	Registration:	N6631C
Model/Series:	414A	Engines:	2 Reciprocating
Operator:	D Porter Enterprises LLC	Engine Manufacturer:	Continental
Air Carrier Operating Certificate:	None	Engine Model/Series:	TSIO-520
Flight Conducted Under:	Part 91: General Aviation - Business		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	DIK, 2592 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	22 knots, 310°
Temperature:	-18° C / -23° C	Visibility:	7 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Billings, MT (BIL)	Destination:	Dickinson, ND (DIK)

Airport Information

Airport:	DICKINSON MUNI (DIK)	Runway Surface Type:	Asphalt
Runway Used:	25	Runway Surface Condition:	Dry
Runway Length/Width:	4700 ft / 75 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

Administrative Information

Investigator In Charge (IIC):	Mitchell F Gallo	Adopted Date:	01/31/2008
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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