



National Transportation Safety Board Aviation Accident Data Summary

Location:	AKRON, CO	Accident Number:	DEN00LA024
Date & Time:	12/03/1999, 1440 MST	Registration:	N5245G
Aircraft:	Cessna 305A	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot said that he was landing on runway 11, and the wind was 010 degrees at 18 knots, gusting to 27 knots. He said that he applied 'screeching' right brake to maintain directional control, and subsequently the right main landing gear assembly separated from the airplane. The airplane settled onto its right wing as the airplane turned left into the wind. Postaccident examination of the wheel assembly, by the pilot, revealed that all four wheel assembly attachment bolts had sheared.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The failure of the four bolts which attach the right main landing gear assembly to the landing gear strut.

Findings

Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION
Phase of Operation: LANDING - ROLL

Findings

1. (C) LANDING GEAR,MAIN GEAR - FAILURE,TOTAL

Occurrence #2: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

2. AIRCRAFT CONTROL - NOT POSSIBLE - PILOT IN COMMAND

Pilot Information

Certificate:	Commercial	Age:	66
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	Balloon	Instructor Rating(s):	None
Flight Time:	5320 hours (Total, all aircraft), 1431 hours (Total, this make and model), 178 hours (Last 90 days, all aircraft), 13 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N5245G
Model/Series:	305A 305A	Engines:	1 Reciprocating
Operator:	MICHOLAS M. SAUM	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	O-470-11-B
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:	AKO, 4714 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Overcast / 2500 ft agl	Wind Speed/Gusts, Direction:	20 knots / 26 knots, 20°
Temperature:	3°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	BURLINGTON, CO (ITR)	Destination:	(AKO)

Airport Information

Airport:	AKRON/WASHINGTON COUNTY (AKO)	Runway Surface Type:	Asphalt
Runway Used:	11	Runway Surface Condition:	Dry
Runway Length/Width:	7000 ft / 100 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):	JAMES F STRUHSAKER	Adopted Date:	11/30/2000
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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