



National Transportation Safety Board Aviation Accident Data Summary

Location:	Conroe, TX	Accident Number:	DFW07CA128
Date & Time:	06/01/2007, 1745 CDT	Registration:	N985JD
Aircraft:	DOGGETT JACK Samson	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation -		

Analysis

Both main landing gears on a tailwheel-equipped homebuilt airplane collapsed during the landing roll. The 34,000-hour airline transport pilot, who was not the owner, reported that during the landing roll on the 6,000-foot-long, by 150-foot-wide asphalt runway, he began to apply "slight braking pressure." The pilot reported that the single-engine airplane began to "shudder rapidly." The left main landing gear collapsed, and immediately following that, the right main landing gear also collapsed. The radial engine powered airplane came to rest on the centerline of runway 14 and the pilot exited the airplane unassisted without injuries. Examination of the airplane by an FAA inspector, revealed that the left wing sustained structural damage; however, he was unable to determine the reason for the failure of the landing gear. The winds at the time of the mishap were reported from 140 degrees at 8 knots.

This narrative was modified on September 28, 2007.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The failure of the main landing gear for undetermined reasons.

Findings

Occurrence #1: MAIN GEAR COLLAPSED
Phase of Operation: LANDING - ROLL

Findings

1. (C) LANDING GEAR - COLLAPSED

Occurrence #2: MAIN GEAR COLLAPSED
Phase of Operation: LANDING - ROLL

Findings

2. (C) LANDING GEAR - FAILURE
3. (C) REASON FOR OCCURRENCE UNDETERMINED

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	DOGGETT JACK	Registration:	N985JD
Model/Series:	Samson	Engines:	1 Reciprocating
Operator:	Jack Dogggett	Engine Manufacturer:	Pratt & Whitney
Air Carrier Operating Certificate:	None	Engine Model/Series:	R-985
Flight Conducted Under:	Part 91: General Aviation -		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	CXO, 245 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:	8 knots, 140°
Temperature:	31°C / 18°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	CONROE, TX (CXO)	Destination:	Conroe, TX (CXO)

Airport Information

Airport:	Lone Star Executive Airport (CXO)	Runway Surface Type:	Asphalt
Runway Used:	14	Runway Surface Condition:	Dry
Runway Length/Width:	6000 ft / 150 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):	Leah Yeager	Adopted Date:	07/25/2007
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
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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