



National Transportation Safety Board Aviation Incident Final Report

Location:	Uvalde, TX	Incident Number:	DFW08IA126
Date & Time:	05/01/2008, 1530 CDT	Registration:	N603JS
Aircraft:	2007 Savage Air LLC EPIC LT	Aircraft Damage:	Minor
Defining Event:	Landing gear collapse	Injuries:	4 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot completed an uneventful normal landing after an approximate 45 minute instrument flight rules cross country flight. While making a right turn to clear the runway the left main landing gear collapsed. An on scene investigation was conducted by a Federal Aviation Administration Air Safety Inspector and it was determined that the damage to the landing gear and supporting structure was minor. There was minimal surface damage to the wings and flight control surfaces. Tire skid marks that matched the width of the main gear and followed the path of the airplane was consistent with initiating a turn at high speed. The pilot and his three passengers were not injured and exited the airplane unassisted.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this incident to be: The pilot's excessive speed during a turn off the active runway to the taxiway which exceeded the lateral limits of the supporting landing gear structure resulting in the collapse of the left main gear.

Findings

Aircraft	Main landing gear attach sec - Failure
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Factual Information

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History of Flight

Taxi-from runway	Landing gear collapse (Defining event)
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Pilot Information

Certificate:	Private	Age:	45, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without Waivers/Limitations	Last Medical Exam:	12/01/2006
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	1225 hours (Total, all aircraft), 41 hours (Total, this make and model), 1085 hours (Pilot In Command, all aircraft), 44 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	2007 Savage Air LLC	Registration:	N603JS
Model/Series:	EPIC LT	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental; Normal	Serial Number:	015
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	03/01/2008, Unknown	Certified Max Gross Wt.:	7700 lbs
Time Since Last Inspection:		Engines:	1 Turbo Prop
Airframe Total Time:	77 Hours	Engine Manufacturer:	Pratt & Whitney Canada
ELT:	Installed, not activated	Engine Model/Series:	PT6A-67A
Registered Owner:	Savage Air, LLC	Rated Power:	1200 hp
Operator:	Savage Air, LLC	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KUVA, 942 ft msl	Observation Time:	1529 CDT
Distance from Accident Site:	0 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	0°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	33°C / 16°C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	5 knots, 270°	Visibility (RVR):	
Altimeter Setting:	29.63 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Largo Vista, TX (RYW)	Type of Flight Plan Filed:	IFR
Destination:	Uvalde, TX (UVA)	Type of Clearance:	Unknown
Departure Time:	1445 CDT	Type of Airspace:	

Airport Information

Airport:	Garner Field Airport (KUVA)	Runway Surface Type:	Asphalt
Airport Elevation:	942 ft	Runway Surface Condition:	Dry
Runway Used:	15	IFR Approach:	None
Runway Length/Width:	5255 ft / 100 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Minor
Passenger Injuries:	3 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	4 None		

Administrative Information

Investigator In Charge (IIC):	William H Gamble	Adopted Date:	06/30/2008
Additional Participating Persons:	Carlos A Balderas; Flight Standards District Office; San Antonio, TX		
Publish Date:	06/27/2013		
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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