



National Transportation Safety Board Aviation Accident Data Summary

Location:	COY, AR	Accident Number:	FTW98LA252
Date & Time:	06/01/1998, 1600 CDT	Registration:	N943QC
Aircraft:	Grumman-Schweizer G-164B	Injuries:	1 None
Flight Conducted Under:	Part 137: Agricultural		

Analysis

The left main landing gear tire blew out as the airplane rotated for takeoff. The pilot continued the takeoff and was able to climb without further incident. He proceeded to the field that he intended to spray. After dispensing the load of fertilizer, the pilot elected to return to a nearby unobstructed auxiliary airstrip to execute a precautionary landing. The pilot stated that he touched down on the right wheel, and during the landing roll, he tried to keep the weight of the airplane off the left wheel. The airplane started to pull to the left as more weight was placed on the flat left tire. Eventually, the tire dug into the ground resulting in the left main gear assembly collapsing. The reason for the failure of the left main tire could not be determined.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: failure of the left main tire, which resulted in the pilot's inability to maintain directional control of the airplane during the landing roll.

Findings

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

Findings

1. (C) LANDING GEAR,TIRE - FAILURE

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

Findings

2. DIRECTIONAL CONTROL - NOT POSSIBLE
3. GROUND LOOP/SWERVE

Occurrence #3: GEAR COLLAPSED
Phase of Operation: LANDING - ROLL

Findings

4. LANDING GEAR,MAIN GEAR - OVERLOAD

Pilot Information

Certificate:	Commercial	Age:	39
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	11078 hours (Total, all aircraft), 10347 hours (Total, this make and model), 230 hours (Last 90 days, all aircraft), 120 hours (Last 30 days, all aircraft), 10 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Grumman-Schweizer	Registration:	N943QC
Model/Series:	G-164B G-164B	Engines:	1 Turbo Prop
Operator:	RUSSELL H. ERICKSON	Engine Manufacturer:	Garrett
Operating Certificate(s) Held:		Engine Model/Series:	TPE-331-1
Flight Conducted Under:	Part 137: Agricultural		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	3 knots / , 135°
Temperature:	35 °C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:		Destination:	

Airport Information

Airport:	COLEMAN BROTHERS FARM (NONE)	Runway Surface Type:	Grass/turf
Runway Used:	36	Runway Surface Condition:	Dry
Runway Length/Width:	2500 ft / 60 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): HECTOR R CASANOVA Adopted Date: 10/30/1998

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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