



National Transportation Safety Board Aviation Accident Data Summary

Location:	HILLTOP LAKES, TX	Accident Number:	FTW98LA207
Date & Time:	05/01/1998, 1730 CDT	Registration:	N5462
Aircraft:	Schrack STARDUSTER TOO	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

During landing, the tailwheel-equipped biplane bounced and then touched down hard at which point the right main landing gear failed. The airplane exited the left side of the runway and nosed down. The pilot commented that the accident could have been prevented by less sink rate at touchdown.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to obtain/maintain the proper descent rate which resulted in a hard landing.

Findings

Occurrence #1: HARD LANDING
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings
1. (C) PROPER DESCENT RATE - NOT OBTAINED/MAINTAINED - PILOT IN COMMAND

Occurrence #2: MAIN GEAR COLLAPSED
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings
2. LANDING GEAR,MAIN GEAR - OVERLOAD

Occurrence #3: NOSE DOWN
Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Private	Age:	65
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	Glider	Instructor Rating(s):	None
Flight Time:	488 hours (Total, all aircraft), 25 hours (Total, this make and model), 6 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Schrack	Registration:	N5462
Model/Series:	STARDUSTER TOO STARDUSTER	Engines:	1 Reciprocating
Operator:	SWAN D. PERSON	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-360-A1B
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:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	5 knots / , 360°
Temperature:	26° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	(T38)	Destination:	

Airport Information

Airport:	HILLTOP LAKES (T38)	Runway Surface Type:	Asphalt
Runway Used:	34	Runway Surface Condition:	Dry
Runway Length/Width:	3000 ft / 40 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):	GEORGIA R SNYDER	Adopted Date:	02/15/2001
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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