



National Transportation Safety Board Aviation Accident Data Summary

Location:	AUSTIN, TX	Accident Number:	FTW83LA076
Date & Time:	12/02/1982, 0815 CST	Registration:	N4326C
Aircraft:	CESSNA 340A	Injuries:	5 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT REPORTED THAT WHILE ON FINAL APPROACH TO LAND, FULL FLAPS WERE EXTENDED AS THE AIRCRAFT CROSSED OVER A HILL IMMEDIATELY BEFORE THE RUNWAY THRESHOLD. AFTER FULL FLAPS WERE SELECTED, THE AIRCRAFT ENTERED A HIGH SINK RATE AND LANDED HARD ON THE END OF THE RUNWAY. NO FURTHER PROBLEMS WERE NOTED DURING THE LANDING AND ROLL-OUT. THE PILOT EXAMINED THE AIRCRAFT AND DID NOT OBSERVE ANY DAMAGE. AFTER THE AIRCRAFT WAS FLOWN BACK TO HOUSTON, TX, A MORE COMPLETE INSPECTION REVEALED THAT A WING SPAR ASSEMBLY WAS SUBSTANTIALLY DAMAGED.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: HARD LANDING

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
2. (C) FLARE - IMPROPER - PILOT IN COMMAND

Pilot Information

Certificate:	Commercial	Age:	35
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):		Instructor Rating(s):	None
Flight Time:	536 hours (Total, all aircraft), 36 hours (Total, this make and model), 203 hours (Pilot In Command, all aircraft), 11 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N4326C
Model/Series:	340A 340A	Engines:	2 Reciprocating
Operator:	UNITED PROVISIONS, INC.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:		Engine Model/Series:	TSIO-520K
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:	AUS, 0 ft msl	Weather Information Source:	Unknown
Lowest Ceiling:	Overcast / 2600 ft agl	Wind Speed/Gusts, Direction:	12 knots / , 160°
Temperature:	64° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	HOUSTON, TX (HUB)	Destination:	ALBUQUERQUE, NM (ABQ)

Airport Information

Airport:	AUSTIN-LAKEWAY (3R9)	Runway Surface Type:	Asphalt
Runway Used:	16	Runway Surface Condition:	Dry
Runway Length/Width:	3200 ft / 70 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	4 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Latitude, Longitude:

Administrative Information

Investigator In Charge (IIC):	Adopted Date:	12/02/1983
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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