



National Transportation Safety Board Aviation Accident Data Summary

Location:	KRUM, TX	Accident Number:	FTW83LA214
Date & Time:	05/01/1983, 1615 CDT	Registration:	N2495K
Aircraft:	PIPER PA-38-112	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

THE ACFT COLLIDED WITH THE GROUND DURING A SIMULATED FORCED LANDING AND GO-AROUND. THE ACFT'S LEFT MAIN LANDING GEAR WAS SHEARED AND THE LEFT WING DRAGGED DURING GROUND CONTACT. THE CFI HAD GIVEN THE STUDENT A SIMULATED FORCED LANDING DURING THE APPROACH AND SINCE THE STUDENT WAS NOT MAKING THE INTENDED LANDING AREA A GO-AROUND WAS INITIATED. AS THE ACFT WAS CLIMBING THROUGH 1100 FT POWER WAS AGAIN CUT OFF FOR A LANDING. THE STUDENT DID NOT REACT PROMPTLY AND ACFT ENTERED AN EXCESSIVE RATE OF DESCENT WHICH WAS NOT CORRECTED BEFORE CONTACT EVEN THOUGH THE CFI HAD ORDERED A 2ND GO-AROUND.

Probable Cause

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

Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: GO-AROUND (VFR)

Findings

1. (F) TERRAIN CONDITION - CROP
2. (F) PRECAUTIONARY LANDING - SIMULATED - PILOT IN COMMAND(CFI)
3. (C) LACK OF RECENT TOTAL EXPERIENCE - DUAL STUDENT
4. (C) PROPER DESCENT RATE - EXCEEDED - DUAL STUDENT
5. (C) GO-AROUND - DELAYED - PILOT IN COMMAND(CFI)

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

Findings

6. (F) LANDING GEAR, MAIN GEAR ATTACHMENT - OVERLOAD

Occurrence #3: DRAGGED WING, ROTOR, POD, FLOAT OR TAIL/SKID
Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	29
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):		Instructor Rating(s):	Airplane Single-engine
Flight Time:	1417 hours (Total, all aircraft), 603 hours (Total, this make and model), 1213 hours (Pilot In Command, all aircraft), 113 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N2495K
Model/Series:	PA-38-112 PA-38-112	Engines:	1 Reciprocating
Operator:	DEREK R. WHITE	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-235-L2C
Flight Conducted Under:	Part 91: General Aviation - Instructional		

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:	Broken / 8000 ft agl	Wind Speed/Gusts, Direction:	8 knots / , 270°
Temperature:	23° C	Visibility	25 Miles
Precipitation and Obscuration:			
Departure Point:	FORT WORTH, TX (FTW)	Destination:	

Wreckage and Impact Information

Crew Injuries:	2 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):	T. D MCFALL	Adopted Date:	
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 pubin@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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