



National Transportation Safety Board Aviation Accident Data Summary

Location:	Norman, OK	Accident Number:	FTW03LA002
Date & Time:	10/02/2002, 1850 CDT	Registration:	N9623C
Aircraft:	Piper PA-28-161	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The 11-hour student pilot reported that this was his first supervised solo, and that the first two touch-and-go landing were "normal." On his third approach to a full-stop landing to runway 17, airspeed was approximately 62 knots and the visual approach slope indicator indicated the airplane was too low. The pilot increased power to get back on his approach path, but passing the numbers for runway 17 he noticed he was about 20 feet high and the nose of the airplane seemed a little high. After the pilot lowered the nose the airplane touched down hard and began skidding to the left. The pilot attempted to regain control of the airplane, but overcorrected by intermittently applying brakes. The airplane traveled off the runway at approximately a 90 degree angle, coming to rest in an upright position in a culvert.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain directional control. A factor was the inadequate flare.

Findings

Occurrence #1: HARD LANDING

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. PROPER GLIDEPATH - NOT MAINTAINED - PILOT IN COMMAND
2. (F) FLARE - INADEQUATE - PILOT IN COMMAND

Occurrence #2: LOSS OF CONTROL - ON GROUND/WATER

Phase of Operation: LANDING - ROLL

Findings

3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER

Phase of Operation: LANDING - ROLL

Findings

4. TERRAIN CONDITION - DITCH

Student Pilot Information

Certificate:	Student	Age:	35
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	11 hours (Total, all aircraft), 11 hours (Total, this make and model), 1 hours (Pilot In Command, all aircraft), 11 hours (Last 90 days, all aircraft), 11 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N9623C
Model/Series:	PA-28-161	Engines:	1 Reciprocating
Operator:	UNIVERSITY OF OKLAHOMA	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-D3G
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:	OUN, 1182 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	9 knots / , 140°
Temperature:	28° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Norman, OK (OUN)	Destination:	Norman, OK

Airport Information

Airport:	Univ. of Oklahoma Westheimer (OUN)	Runway Surface Type:	Asphalt
Runway Used:	17	Runway Surface Condition:	Dry
Runway Length/Width:	5200 ft / 1585 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:	35.245556, -97.472222		

Administrative Information

Investigator In Charge (IIC): Thomas M Little

Adopted Date: 04/01/2003

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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