



National Transportation Safety Board Aviation Accident Final Report

Location:	BURLINGTON, WI	Accident Number:	CHI94LA071
Date & Time:	02/01/1994, 1830 CST	Registration:	N5094S
Aircraft:	PIPER PA-28R-200	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE STUDENT PILOT REPORTED HE WAS PRACTICING NIGHT TOUCH AND GO LANDINGS ON RUNWAY 29 AT HIS HOME BASE AIRPORT. HE STATED HE TOUCHED DOWN SHORT OF THE RUNWAY ON HIS SECOND LANDING. THE AIRPLANE STRUCK A SNOWBANK AS IT CONTINUED TOWARDS THE RUNWAY. THE MAIN LANDING GEAR SEPARATED AND THE AIRPLANE SKIDDED TO A STOP ON THE LEFT SIDE, FACING THE APPROACH END OF THE RUNWAY.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE STUDENT PILOT'S FAILURE TO MAINTAIN THE PROPER GLIDESLOPE.

Findings

Occurrence #1: UNDERSHOOT
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

1. LIGHT CONDITION - BRIGHT NIGHT
2. PROPER GLIDEPATH - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: LANDING - ROLL

Findings

3. TERRAIN CONDITION - SNOWBANK

Factual Information

On February 1, 1994, at 1830 hours central standard time, a Piper PA-28R-200, N5094S, operated by a student pilot/airplane co-owner, sustained substantial damage when it touched down short of the runway and struck a snowbank at the Burlington Municipal Airport, in Burlington, Wisconsin. The student pilot, the sole occupant, reported no injuries. Visual meteorological conditions prevailed for the local flight, no flight plan was filed. The flight operated under 14 CFR Part 91, and originated from Burlington, Wisconsin approximately 1740 hours.

The student pilot reported he was practicing night touch and go landings on Runway 29 at Burlington. He stated he landed short of the runway on the second touch and go. The airplane struck the snow bank at the end of the runway, and the main landing gear separated from the airplane. The airplane skidded down the left (south) side of the runway, and came to a stop facing the approach end of the runway.

Pilot Information

Certificate:	Student	Age:	46, Male
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	02/18/1992
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	150 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N5094S
Model/Series:	PA-28R-200 PA-28R-200	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	28R-7135094
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	11/13/1993, Annual	Certified Max Gross Wt.:	2600 lbs
Time Since Last Inspection:	20 Hours	Engines:	1 Reciprocating
Airframe Total Time:	2000 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	IO-360-C1C
Registered Owner:	HD RACE PRODUCTS, INC.	Rated Power:	200 hp
Operator:	HD RACE PRODUCTS, INC.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Bright
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	20 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1800 CST	Type of Airspace:	Class G

Airport Information

Airport:	BURLINGTON MUNICIPAL (C52)	Runway Surface Type:	Concrete
Airport Elevation:	779 ft	Runway Surface Condition:	Dry
Runway Used:	29	IFR Approach:	None
Runway Length/Width:	3601 ft / 75 ft	VFR Approach/Landing:	None

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
Total Injuries:	1 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	JODI L REEVES	Report Date:	11/18/1994
Additional Participating Persons:	JAMES D MARTIN; MILWAUKEE, WI		
Publish 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 pubinquiry@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.ntsbt.gov/pubdms/ .		

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