



National Transportation Safety Board Aviation Accident Final Report

Location:	Richland, WA	Accident Number:	WPR14CA092
Date & Time:	12/01/2013, 1530 PST	Registration:	N7592V
Aircraft:	CESSNA 177RG	Aircraft Damage:	Substantial
Defining Event:	Landing gear not configured	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The student pilot reported that following an uneventful flight, as he entered the airport traffic pattern on the downwind leg, was notified by another pilot that there was an airplane operating within the traffic pattern with no radio. The student pilot established visual contact with one airplane, however, did not establish visual contact with the airplane operating without a radio until reaching the mid-field point on downwind. The student pilot stated that throughout the approach to landing, he maintained visual contact with the airplane until it would not be a factor. The student pilot subsequently landed the airplane with the landing gear in the retracted position, which resulted in structural damage to the fuselage. The student pilot stated that his attention was diverted between maintaining airspeed and a stable approach to the runway, while maintaining visual contact with the airplane that was not in radio contact. He added that he failed to do his before landing checklist as he normally does at the mid-field point on downwind and each turn in the traffic pattern. The pilot reported no preaccident mechanical malfunctions or failures with the airplane that would have precluded normal operation.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to extend the landing gear prior to landing. Contributing to the accident was the pilot's diverted attention and not using a checklist.

Findings

Aircraft	Landing gear system - Not used/operated (Cause)
Personnel issues	Forgotten action/omission - Student pilot (Cause) Attention - Student pilot (Factor) Use of checklist - Student pilot (Factor)

Factual Information

History of Flight

Landing	Landing gear not configured (Defining event)
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Student Pilot Information

Certificate:	Student	Age:	63
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With Waivers/Limitations	Last Medical Exam:	08/18/2013
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	88 hours (Total, all aircraft), 37 hours (Total, this make and model), 29 hours (Pilot In Command, all aircraft), 18 hours (Last 90 days, all aircraft), 7 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N7592V
Model/Series:	177RG NO SERIES	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	177RG0883
Landing Gear Type:	Retractable - Tricycle	Seats:	
Date/Type of Last Inspection:	03/29/2013, Annual	Certified Max Gross Wt.:	2800 lbs
Time Since Last Inspection:	72 Hours	Engines:	1 Reciprocating
Airframe Total Time:	5967 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	IO-360-A1B6D
Registered Owner:	MISENER RICHARD H	Rated Power:	200 hp
Operator:	MISENER RICHARD H	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KPSC, 402 ft msl	Observation Time:	2353 UTC
Distance from Accident Site:	8 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	107°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Few / 6500 ft agl	Temperature/Dew Point:	13°C / 7°C
Lowest Ceiling:	Broken / 8000 ft agl	Visibility	10 Miles
Wind Speed/Gusts, Direction:	Calm	Visibility (RVR):	
Altimeter Setting:	29.84 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Hermiston, OR	Type of Flight Plan Filed:	None
Destination:	Richland, WA (RLD)	Type of Clearance:	None
Departure Time:	1500 PST	Type of Airspace:	

Airport Information

Airport:	RICHLAND (RLD)	Runway Surface Type:	Asphalt
Airport Elevation:	394 ft	Runway Surface Condition:	Dry
Runway Used:	01	IFR Approach:	None
Runway Length/Width:	4009 ft / 75 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

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		

Administrative Information

Investigator In Charge (IIC):	Joshua Cawthra	Adopted Date:	04/01/2014
Additional Participating Persons:			
Publish Date:	07/09/2015		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=88659		

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