



National Transportation Safety Board Aviation Accident Data Summary

Location:	Carlsbad, CA	Accident Number:	WPR10CA428
Date & Time:	08/01/2010, 1600 PDT	Registration:	N525JH
Aircraft:	HOLMGREEN JOHN B RV8A	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported that during the takeoff roll, at the time of rotation, the canopy started to slide rearward. As the pilot attempted to close the canopy the airplane nosed over and the propeller struck the runway, substantially damaging the airplane's firewall. The pilot further reported that the accident could have been prevented by conducting a "second check of proper canopy closure prior to entering [the] runway." The pilot reported no mechanical failures or malfunctions with the airframe or engine prior to the accident.

Flight Events

Prior to flight - Preflight or dispatch event

Takeoff - Nose over/nose down

Takeoff - Collision with terr/obj (non-CFIT)

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's inadequate pretakeoff checks and failure to maintain control during the takeoff roll. Contributing to the accident was the pilot's diverted attention due to the open canopy.

Findings

Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C

Personnel issues-Task performance-Inspection-Preflight inspection-Pilot - C

Personnel issues-Psychological-Attention/monitoring-Attention-Pilot - F

Pilot Information

Certificate:	Private	Age:	55
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	372 hours (Total, all aircraft), 108 hours (Total, this make and model), 274 hours (Pilot In Command, all aircraft), 8 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	HOLMGREEN JOHN B	Registration:	N525JH
Model/Series:	RV8A	Engines:	1 Reciprocating
Operator:	Dickson Clark	Engine Manufacturer:	Superior
Air Carrier Operating Certificate:	None	Engine Model/Series:	XP360 A1C2
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	CRQ, 331 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	7 knots, 240°
Temperature:	21°C / 15°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Carlsbad, CA (CRQ)	Destination:	Cameron Park, CA (O61)

Airport Information

Airport:	McClellan - Palomar Airport (CRQ)	Runway Surface Type:	Asphalt
Runway Used:	24	Runway Surface Condition:	Dry
Runway Length/Width:	4897 ft / 150 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

Administrative Information

Investigator In Charge (IIC):	Debra J Eckrote	Adopted Date:	01/07/2011
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=77085		

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