



Aviation Investigation Final Report

Location:	Los Lunas, New Mexico	Accident Number:	WPR23LA337
Date & Time:	August 25, 2023, 10:15 Local	Registration:	N2192C
Aircraft:	Cessna 195B	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 Serious
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that during the takeoff roll, his seat slid aft on the seat rails, and he could not reach the rudder pedals. He reduced engine power and stretched to reach the brakes, however, he no longer had forward visibility. The airplane drifted to the right, and then to the left of the runway. The pilot braked hard, and the airplane nosed over. He later realized that the seat position peg had not been fully seated in the seat rail detent, and that the rear seat rail cotter pin was not installed. Both wings, the vertical stabilizer, and the rudder were substantially damaged. The pilot reported that there were no preaccident mechanical malfunctions or failures 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 secure the seat's position in the seat rail, which resulted in a loss of directional control and nose over.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Use of equip/system - Pilot
Aircraft	(general) - Not installed/available

Factual Information

History of Flight

Takeoff	Loss of control on ground (Defining event)
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Pilot Information

Certificate:	Airline transport	Age:	79,Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	Helicopter	Restraint Used:	3-point
Instrument Rating(s):	Airplane; Helicopter	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	BasicMed Without waivers/limitations	Last FAA Medical Exam:	January 14, 2022
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	December 11, 2021
Flight Time:	(Estimated) 13000 hours (Total, all aircraft), 800 hours (Total, this make and model), 30 hours (Last 90 days, all aircraft), 20 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N2192C
Model/Series:	195B	Aircraft Category:	Airplane
Year of Manufacture:	1954	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	16177
Landing Gear Type:	Tailwheel	Seats:	5
Date/Type of Last Inspection:	August 24, 2022 Annual	Certified Max Gross Wt.:	3200 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2769 Hrs as of last inspection	Engine Manufacturer:	Jacobs
ELT:	Installed	Engine Model/Series:	R755B2
Registered Owner:	On file	Rated Power:	275 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KBRG, 5199 ft msl	Distance from Accident Site:	8 Nautical Miles
Observation Time:	10:35 Local	Direction from Accident Site:	215°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	9 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	180°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.28 inches Hg	Temperature/Dew Point:	27°C / 16°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Los Lunas, NM	Type of Flight Plan Filed:	None
Destination:	Los Lunas, NM	Type of Clearance:	None
Departure Time:		Type of Airspace:	Class G

Airport Information

Airport:	Mid Valley Airpark E98	Runway Surface Type:	Asphalt
Airport Elevation:	4836 ft msl	Runway Surface Condition:	Dry
Runway Used:	36	IFR Approach:	None
Runway Length/Width:	4332 ft / 37 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	1 Serious	Latitude, Longitude:	34.76,-106.74

Administrative Information

Investigator In Charge (IIC):	Blocher, Kristyn
Additional Participating Persons:	Geary Monckton; Federal Aviation Administration; Albuquerque, NM
Original Publish Date:	December 7, 2023
Last Revision Date:	
Investigation Class:	Class 4
Note:	The NTSB did not travel to the scene of this accident.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=193018

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The NTSB does not assign fault or blame for an accident or incident; rather, as specified by NTSB regulation, “accident/incident investigations are fact-finding proceedings with no formal issues and no adverse parties ... and are not conducted for the purpose of determining the rights or liabilities of any person” (Title 49 *Code of Federal Regulations* section 831.4). Assignment of fault or legal liability is not relevant to the NTSB’s statutory mission to improve transportation safety by investigating accidents and incidents and issuing safety recommendations. In addition, statutory language prohibits the admission into evidence or use of any part of an NTSB report related to an accident in a civil action for damages resulting from a matter mentioned in the report (Title 49 *United States Code* section 1154(b)). A factual report that may be admissible under 49 *United States Code* section 1154(b) is available [here](#).