



Aviation Investigation Final Report

Location:	Minden, Nevada	Accident Number:	WPR21LA034
Date & Time:	November 2, 2020, 09:30 Local	Registration:	N755MG
Aircraft:	American Legend AL-3 Cub	Aircraft Damage:	Substantial
Defining Event:	Nose over/nose down	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot of the tailwheel equipped airplane reported that, while landing, the airplane “bounced a bit” and veered left. He corrected with application of right brake input, however, his foot slipped off the heel brake. During the subsequent attempt to apply rudder control, he unintentionally applied the brake. The nose veered to the right and before the airplane came to a complete stop, the tail rose, and the airplane nosed over coming to rest inverted. The right-wing lift strut was substantially damaged. The pilot reported that there were 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 maintain directional control during landing, which resulted in the airplane nosing over.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot

Factual Information

History of Flight

Landing	Loss of control on ground
Landing-landing roll	Attempted remediation/recovery
Landing-landing roll	Nose over/nose down (Defining event)

Pilot Information

Certificate:	Private	Age:	64, Male
Airplane Rating(s):	Single-engine land; Single-engine sea	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	Unknown
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	Class 3	Last FAA Medical Exam:	February 24, 2020
Occupational Pilot:	No	Last Flight Review or Equivalent:	May 14, 2020
Flight Time:	(Estimated) 1344 hours (Total, all aircraft), 35 hours (Total, this make and model), 1284 hours (Pilot In Command, all aircraft), 17 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	American Legend	Registration:	N755MG
Model/Series:	AL-3 Cub	Aircraft Category:	Airplane
Year of Manufacture:	2013	Amateur Built:	Yes
Airworthiness Certificate:	Normal	Serial Number:	TX-1028
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	April 1, 2020 Condition	Certified Max Gross Wt.:	1320 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	228 Hrs at time of accident	Engine Manufacturer:	Teledyne Continental
ELT:	C91A installed, not activated	Engine Model/Series:	O200D2B
Registered Owner:	On file	Rated Power:	100
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:	KMEV,4724 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	09:00 Local	Direction from Accident Site:	360°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	None / None
Wind Direction:		Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.39 inches Hg	Temperature/Dew Point:	10°C / -14°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Minden, NV (KMEV)	Type of Flight Plan Filed:	None
Destination:	Minden, NV	Type of Clearance:	None
Departure Time:	09:15 Local	Type of Airspace:	Class E

Airport Information

Airport:	Minden Airport MEV	Runway Surface Type:	Asphalt
Airport Elevation:	4723 ft msl	Runway Surface Condition:	Dry
Runway Used:	34	IFR Approach:	None
Runway Length/Width:	7399 ft / 100 ft	VFR Approach/Landing:	Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	1 Minor	Latitude, Longitude:	38.999671,-119.7524(est)

Administrative Information

Investigator In Charge (IIC):	Salazar, Fabian
Additional Participating Persons:	Frank J. Vavra; Reno NV FSDO; Reno, NV
Original Publish Date:	August 31, 2021
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=102224

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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](#).