



National Transportation Safety Board Aviation Accident Data Summary

Location:	Pensacola, FL	Accident Number:	GAA17CA084
Date & Time:	11/23/2016, 1415 CST	Registration:	N155WB
Aircraft:	AMERICAN LEGEND AIRCRAFT CO AL3	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The student pilot reported that he inadvertently pressed down on the right brake during the landing roll. The airplane veered off the runway to the right into soft grass and nosed over.

The airplane sustained substantial damage to the right wing lift strut and empennage.

The pilot reported no preaccident mechanical malfunctions or failures with the airplane that would have precluded normal operation.

Flight Events

Landing-landing roll - Loss of control on ground

Landing-landing roll - Runway excursion

Landing-landing roll - Nose over/nose down

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The student pilot's incorrect brake application during the landing roll, which resulted in a loss of directional control.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Directional control-Not attained/maintained - C

Aircraft-Aircraft systems-Landing gear system-Brake-Incorrect use/operation - C

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Surface speed/braking-Incorrect use/operation - C

Personnel issues-Task performance-Use of equip/info-Use of equip/system-Student/instructed pilot - C

Personnel issues-Task performance-Use of equip/info-Aircraft control-Student/instructed pilot - C

Environmental issues-Physical environment-Runway/land/takeoff/taxi surface-Soft surface-Contributed to outcome

Flight Instructor Information

Certificate:	Flight Instructor; Commercial	Age:	69
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine; Instrument Airplane
Flight Time:	(Estimated) 5825 hours (Total, all aircraft), 1200 hours (Total, this make and model), 5825 hours (Pilot In Command, all aircraft), 75 hours (Last 90 days, all aircraft), 25 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Student Pilot Information

Certificate:	Commercial	Age:	72
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	Airship	Instructor Rating(s):	None
Flight Time:	(Estimated) 401 hours (Total, all aircraft), 6 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	AMERICAN LEGEND AIRCRAFT CO	Registration:	N155WB
Model/Series:	AL3 100	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	O-200-D4B
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	NQS, 36 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	5 knots / , 100°
Temperature:	23° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Pensacola, FL (82J)	Destination:	Pensacola, FL (82J)

Airport Information

Airport:	FERGUSON (82J)	Runway Surface Type:	Grass/turf
Runway Used:	18	Runway Surface Condition:	Dry; Soft
Runway Length/Width:	3200 ft / 200 ft		

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:	30.396944, -87.348889 (est)		

Administrative Information

Investigator In Charge (IIC):	Jackie L Vanover	Adopted Date:	06/07/2017
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=94450		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.