



National Transportation Safety Board Aviation Accident Final Report

Location:	Pensacola, FL	Accident Number:	GAA17CA084
Date & Time:	11/23/2016, 1415 CST	Registration:	N155WB
Aircraft:	AMERICAN LEGEND AIRCRAFT CO AL3	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	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.

Probable Cause and Findings

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	Directional control - Not attained/maintained (Cause) Brake - Incorrect use/operation (Cause)
Personnel issues	Use of equip/system - Student pilot (Cause) Aircraft control - Student pilot (Cause)
Environmental issues	Soft surface - Contributed to outcome

Factual Information

History of Flight

Landing-landing roll	Loss of control on ground (Defining event) Runway excursion Nose over/nose down
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Flight Instructor Information

Certificate:	Flight Instructor; Commercial	Age:	69, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Rear
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane Single-engine; Instrument Airplane	Toxicology Performed:	No
Medical Certification:	Class 2 With Waivers/Limitations	Last FAA Medical Exam:	02/08/2016
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	11/15/2015
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, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Front
Other Aircraft Rating(s):	Airship	Restraint Used:	3-point
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without Waivers/Limitations	Last FAA Medical Exam:	05/19/2015
Occupational Pilot:	No	Last Flight Review or Equivalent:	
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	Aircraft Category:	Airplane
Year of Manufacture:	2012	Amateur Built:	No
Airworthiness Certificate:	Special Light-Sport	Serial Number:	AL-1172
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	09/30/2016, Annual	Certified Max Gross Wt.:	1320 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1141 Hours at time of accident	Engine Manufacturer:	Continental
ELT:	C126 installed, not activated	Engine Model/Series:	O-200-D4B
Registered Owner:	Kenneth Brown	Rated Power:	100 hp
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	NQS, 36 ft msl	Distance from Accident Site:	3 Nautical Miles
Observation Time:	1953 UTC	Direction from Accident Site:	87°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	100°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.17 inches Hg	Temperature/Dew Point:	23°C / 16°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Pensacola, FL (82J)	Type of Flight Plan Filed:	None
Destination:	Pensacola, FL (82J)	Type of Clearance:	None
Departure Time:	1315 CST	Type of Airspace:	Class G

Airport Information

Airport:	FERGUSON (82J)	Runway Surface Type:	Grass/turf
Airport Elevation:	27 ft	Runway Surface Condition:	Dry; Soft
Runway Used:	18	IFR Approach:	None
Runway Length/Width:	3200 ft / 200 ft	VFR Approach/Landing:	Full Stop

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
Total Injuries:	2 None	Latitude, Longitude:	30.396944, -87.348889 (est)

Administrative Information

Investigator In Charge (IIC):	Jackie L Vanover	Report Date:	06/07/2017
Additional Participating Persons:	George B Castleberry; FAA; Birmingham, AL		
Publish 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		

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