



Aviation Investigation Final Report

Location:	San Diego, California	Accident Number:	GAA16CA425
Date & Time:	August 9, 2016, 18:05 Local	Registration:	N35451
Aircraft:	AMERICAN LEGEND AIRCRAFT CO AL3	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot of a tailwheel equipped airplane reported that during landing after the left main landing gear touched down, a gust of wind caused the airplane to veer to the left. The pilot further reported that he applied right rudder and full power to abort the landing, but the right main landing gear impacted an airport taxiway marker. The airplane spun to the right and nosed over, which resulted in substantial damage to the forward left lift strut.

According to the pilot there were no preimpact mechanical failures or malfunctions with the airframe or engine that would have precluded normal operation.

A review of recorded data from the automated weather observation station located on the airport, revealed that about 12 minutes before the accident the wind was 240 degrees true at 9 knots. A further review of the recorded data revealed that about 6 minutes after the accident the wind was 240 degrees true at 7 knots. The airplane landed on runway 28L.

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 with a crosswind.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	Gusts - Effect on equipment
Environmental issues	Crosswind - Ability to respond/compensate
Environmental issues	Sign/marker - Contributed to outcome

Factual Information

History of Flight

Landing	Other weather encounter
Landing-flare/touchdown	Loss of control on ground (Defining event)
Landing	Attempted remediation/recovery
Landing	Collision with terr/obj (non-CFIT)
Landing	Nose over/nose down

Pilot Information

Certificate:	Private	Age:	61, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	4-point
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	May 10, 2016
Occupational Pilot:	No	Last Flight Review or Equivalent:	May 21, 2016
Flight Time:	(Estimated) 273 hours (Total, all aircraft), 39 hours (Total, this make and model), 220 hours (Pilot In Command, all aircraft), 31 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	AMERICAN LEGEND AIRCRAFT CO	Registration:	N35451
Model/Series:	AL3	Aircraft Category:	Airplane
Year of Manufacture:	2006	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	AL-1054
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	May 16, 2016 Annual	Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	819.8 Hrs at time of accident	Engine Manufacturer:	Continental
ELT:	C91 installed, not activated	Engine Model/Series:	O-200A
Registered Owner:	On file	Rated Power:	100 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:	KMYF,417 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	01:11 Local	Direction from Accident Site:	33°
Lowest Cloud Condition:	Clear	Visibility	8 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	240°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	29.84 inches Hg	Temperature/Dew Point:	23°C / 14°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	San Diego, CA (MYF)	Type of Flight Plan Filed:	None
Destination:	San Diego, CA (MYF)	Type of Clearance:	VFR
Departure Time:	17:30 Local	Type of Airspace:	Class D

Airport Information

Airport:	MONTGOMERY FIELD MYF	Runway Surface Type:	Asphalt
Airport Elevation:	427 ft msl	Runway Surface Condition:	Dry
Runway Used:	28L	IFR Approach:	None
Runway Length/Width:	3401 ft / 60 ft	VFR Approach/Landing:	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	32.814723,-117.139999(est)

Administrative Information

Investigator In Charge (IIC):	Vanover, Jackie
Additional Participating Persons:	Victor H Hutchings; FAA; San Diego, CA
Original Publish Date:	January 18, 2017
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=93804

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