



Aviation Investigation Final Report

Location:	Livermore, California	Accident Number:	WPR11CA293
Date & Time:	June 25, 2011, 11:45 Local	Registration:	N101HY
Aircraft:	AVIAT AIRCRAFT INC A-1B	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that he was returning from a local area flight and made a normal approach with a 3 point touchdown. After touchdown, the left wing lifted and the airplane veered to the left. He was unable to maintain directional control so he initiated a go-around. The airplane briefly became airborne before the right wing dropped and struck the ground and the airplane came to rest facing towards the east. According to the weather station located on the airport, the wind was reported as calm at the approximate time of the accident. However, during the time period from an hour before the accident to an hour after the accident wind conditions were reported as varying from 254 to 294 degrees with speeds of 7 to 9 knots.

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 a go-around.

Findings

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

Factual Information

History of Flight

Landing-aborted after touchdown	Loss of control on ground (Defining event)
Landing-aborted after touchdown	Dragged wing/rotor/float/other

Pilot Information

Certificate:	Private	Age:	44, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without waivers/limitations	Last FAA Medical Exam:	December 2, 2010
Occupational Pilot:	No	Last Flight Review or Equivalent:	November 8, 2009
Flight Time:	620 hours (Total, all aircraft), 13 hours (Total, this make and model), 518 hours (Pilot In Command, all aircraft), 30 hours (Last 90 days, all aircraft), 15 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	AVIAT AIRCRAFT INC	Registration:	N101HY
Model/Series:	A-1B	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	WF0001
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	December 6, 2010 Annual	Certified Max Gross Wt.:	2000 lbs
Time Since Last Inspection:	49 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	501 Hrs at time of accident	Engine Manufacturer:	LYCOMING
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-320 SERIES
Registered Owner:	Kevin Charles Booth	Rated Power:	160 Horsepower
Operator:	Kevin Charles Booth	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KLVK,400 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	11:53 Local	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.87 inches Hg	Temperature/Dew Point:	20°C / 11°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Columbia, CA (O22)	Type of Flight Plan Filed:	None
Destination:	Livermore, CA (KLVK)	Type of Clearance:	VFR flight following
Departure Time:	10:45 Local	Type of Airspace:	

Airport Information

Airport:	Livermore Municipal Airport KLVK	Runway Surface Type:	Asphalt
Airport Elevation:	400 ft msl	Runway Surface Condition:	Dry
Runway Used:	25L	IFR Approach:	None
Runway Length/Width:	2699 ft / 75 ft	VFR Approach/Landing:	Go around

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:	37.689445,-121.818885(est)

Administrative Information

Investigator In Charge (IIC):	Rich, Jefferey
Additional Participating Persons:	Duane Lewis; Federal Aviation Administration; Oakland, CA
Original Publish Date:	October 4, 2011
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=80915

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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](#).