



Aviation Investigation Final Report

Location:	Phoenix, Arizona	Accident Number:	GAA18CA338
Date & Time:	June 12, 2018, 11:00 Local	Registration:	N2094B
Aircraft:	Luscombe 8	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 the tailwheel-equipped airplane reported that, during landing, the airplane ballooned, He then added power and "lost control on the second touchdown." The airplane landed, exited the runway to the left, and came to rest inverted.

The airplane sustained substantial damage to the left wing.

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

The automated weather observation station located on the airport reported that, about the time of the accident, the wind was from 190° at 3 knots. The airplane landed on runway 25R.

Probable Cause and Findings

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

The pilot's improper landing flare and subsequent failure to maintain directional control during landing.

Findings

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

Factual Information

History of Flight

Landing	Abnormal runway contact
Landing	Loss of control on ground (Defining event)
Landing	Runway excursion
Landing	Nose over/nose down

Pilot Information

Certificate:	Private	Age:	81,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	Glider	Restraint Used:	3-point
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:	September 21, 2017
Occupational Pilot:	No	Last Flight Review or Equivalent:	September 27, 2017
Flight Time:	(Estimated) 3228 hours (Total, all aircraft), 1 hours (Total, this make and model), 30 hours (Last 90 days, all aircraft), 24 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Luscombe	Registration:	N2094B
Model/Series:	8 A	Aircraft Category:	Airplane
Year of Manufacture:	1949	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	6521
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	May 12, 2018 Annual	Certified Max Gross Wt.:	1260 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	4010 Hrs as of last inspection	Engine Manufacturer:	Continental
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	A65
Registered Owner:		Rated Power:	65 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:	KDVT, 1455 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	17:53 Local	Direction from Accident Site:	234°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	3 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	190°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	29.84 inches Hg	Temperature/Dew Point:	36°C / -5°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	CHANDLER, AZ (CHD)	Type of Flight Plan Filed:	None
Destination:	Phoenix, AZ (DVT)	Type of Clearance:	Unknown
Departure Time:	10:00 Local	Type of Airspace:	Class D

Airport Information

Airport:	PHOENIX DEER VALLEY DVT	Runway Surface Type:	Asphalt
Airport Elevation:	1478 ft msl	Runway Surface Condition:	Dry
Runway Used:	25R	IFR Approach:	None
Runway Length/Width:	4500 ft / 75 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:	33.689723,-112.07917(est)

Administrative Information

Investigator In Charge (IIC):	Benhoff, Kathryn
Additional Participating Persons:	
Original Publish Date:	November 5, 2018
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=97455

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