



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Phoenix, AZ	<b>Accident Number:</b>	GAA18CA338
<b>Date &amp; Time:</b>	06/12/2018, 1100 MST	<b>Registration:</b>	N2094B
<b>Aircraft:</b>	LUSCOMBE 8	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control on ground	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## 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

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<b>Aircraft</b>	Directional control - Not attained/maintained (Cause) Landing flare - Not attained/maintained (Cause)
<b>Personnel issues</b>	Aircraft control - Pilot (Cause)

## Factual Information

### History of Flight

<b>Landing</b>	Abnormal runway contact Loss of control on ground (Defining event) Runway excursion Nose over/nose down
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### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	81, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	Glider	<b>Restraint Used:</b>	3-point
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Without Waivers/Limitations	<b>Last FAA Medical Exam:</b>	09/21/2017
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	09/27/2017
<b>Flight Time:</b>	(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

<b>Aircraft Make:</b>	LUSCOMBE	<b>Registration:</b>	N2094B
<b>Model/Series:</b>	8 A	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	1949	<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	6521
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	05/12/2018, Annual	<b>Certified Max Gross Wt.:</b>	1260 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	4010 Hours as of last inspection	<b>Engine Manufacturer:</b>	Continental
<b>ELT:</b>	Installed, activated, did not aid in locating accident	<b>Engine Model/Series:</b>	A65
<b>Registered Owner:</b>	On file	<b>Rated Power:</b>	65 hp
<b>Operator:</b>	On file	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KDVT, 1455 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1753 UTC	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:	1000 MST	Type of Airspace:	Class D

## Airport Information

Airport:	PHOENIX DEER VALLEY (DVT)	Runway Surface Type:	Asphalt
Airport Elevation:	1478 ft	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:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	33.689722, -112.079167 (est)

## Administrative Information

Investigator In Charge (IIC):	Kathryn R Benhoff	Report Date:	11/05/2018
Additional Participating Persons:			
Publish Date:	11/05/2018		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=97455">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=97455</a>		

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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. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).