



# Aviation Investigation Final Report

<b>Location:</b>	Van Nuys, California	<b>Accident Number:</b>	GAA17CA413
<b>Date &amp; Time:</b>	June 15, 2017, 11:00 Local	<b>Registration:</b>	N2537F
<b>Aircraft:</b>	Champion 7ECA	<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		

## Analysis

The pilot of the tailwheel-equipped airplane reported that, during the landing roll, the airplane drifted to the right and he corrected with rudder but then the airplane "started to pull" to the left. He added that his "rudder input failed to stop the plane from continuing to the left," the airplane ground looped to the left, and the right wingtip hit the ground.

The airplane sustained substantial damage to the right wing.

The pilot reported that there were no preaccident mechanical failures or malfunctions 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 pilot's failure to maintain directional control during the landing roll.

## Findings

<b>Aircraft</b>	Directional control - Not attained/maintained
<b>Personnel issues</b>	Aircraft control - Pilot



## Factual Information

### History of Flight

Landing-landing roll	Loss of control on ground (Defining event)
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### Pilot Information

Certificate:	Commercial	Age:	42,Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	Unknown
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	February 27, 2017
Occupational Pilot:	No	Last Flight Review or Equivalent:	January 27, 2017
Flight Time:	(Estimated) 600 hours (Total, all aircraft), 14 hours (Total, this make and model), 540 hours (Pilot In Command, all aircraft), 70 hours (Last 90 days, all aircraft), 25 hours (Last 30 days, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Make:	Champion	Registration:	N2537F
Model/Series:	7ECA NO SERIES	Aircraft Category:	Airplane
Year of Manufacture:	1965	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	159
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	1320 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONT MOTOR
ELT:	Installed	Engine Model/Series:	O-200 SERIES
Registered Owner:		Rated Power:	100 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	KVNY, 770 ft msl	<b>Distance from Accident Site:</b>	0 Nautical Miles
<b>Observation Time:</b>	17:51 Local	<b>Direction from Accident Site:</b>	147°
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	/ None
<b>Wind Direction:</b>		<b>Turbulence Severity Forecast/Actual:</b>	/ N/A
<b>Altimeter Setting:</b>	29.92 inches Hg	<b>Temperature/Dew Point:</b>	29°C / 8°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	CARLSBAD, CA (CRQ )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Van Nuys, CA (VNY )	<b>Type of Clearance:</b>	Unknown
<b>Departure Time:</b>	09:00 Local	<b>Type of Airspace:</b>	Class D

## Airport Information

<b>Airport:</b>	VAN NUYS VNY	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	802 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	16R	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	8001 ft / 150 ft	<b>VFR Approach/Landing:</b>	Full stop

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	34.211944,-118.490554(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Benhoff, Kathryn
<b>Additional Participating Persons:</b>	Ray Martin; FAA; Van Nuys, CA
<b>Original Publish Date:</b>	October 17, 2017
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=95596">https://data.nts.gov/Docket?ProjectID=95596</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](#).