



# Aviation Investigation Final Report

<b>Location:</b>	Corona, California	<b>Accident Number:</b>	GAA18CA342
<b>Date &amp; Time:</b>	May 28, 2018, 16:00 Local	<b>Registration:</b>	N2167D
<b>Aircraft:</b>	Beech D35	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Miscellaneous/other	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot of the retractable-landing-gear airplane reported that, during the landing roll, he reached for the flap switch to retract the flaps, and although the flap and landing gear switches are on the left and right side of the control column, respectively, he inadvertently retracted the landing gear.

The pilot added that he had previously flown other airplanes that had the flap switch on the right side of the control column.

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

The airplane sustained substantial damage to the left wing.

## Probable Cause and Findings

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

The pilot's inadvertent landing gear retraction during the landing roll.

## Findings

<b>Personnel issues</b>	Incorrect action performance - Pilot
<b>Aircraft</b>	Gear extension and retract sys - Unintentional use/operation

## Factual Information

### History of Flight

Landing	Miscellaneous/other (Defining event)
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### Pilot Information

Certificate:	Private	Age:	31,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Lap only
Instrument Rating(s):	None	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 1 With waivers/limitations	Last FAA Medical Exam:	December 15, 2017
Occupational Pilot:	No	Last Flight Review or Equivalent:	April 16, 2017
Flight Time:	(Estimated) 238.8 hours (Total, all aircraft), 29.7 hours (Total, this make and model), 194.3 hours (Pilot In Command, all aircraft), 3.4 hours (Last 90 days, all aircraft), 1.6 hours (Last 30 days, all aircraft), 0.5 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N2167D
Model/Series:	D35 NO SERIES	Aircraft Category:	Airplane
Year of Manufacture:	1953	Amateur Built:	
Airworthiness Certificate:	Normal; Utility	Serial Number:	D-3514
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	December 9, 2017 Annual	Certified Max Gross Wt.:	2840 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	5148.76 Hrs as of last inspection	Engine Manufacturer:	Continental
ELT:	C91 installed, not activated	Engine Model/Series:	E225-8
Registered Owner:		Rated Power:	225 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>	KAJO,533 ft msl	<b>Distance from Accident Site:</b>	0 Nautical Miles
<b>Observation Time:</b>	22:56 Local	<b>Direction from Accident Site:</b>	281°
<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>	9 knots /	<b>Turbulence Type Forecast/Actual:</b>	/ None
<b>Wind Direction:</b>	280°	<b>Turbulence Severity Forecast/Actual:</b>	/ N/A
<b>Altimeter Setting:</b>	29.85 inches Hg	<b>Temperature/Dew Point:</b>	28°C / 13°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	LA VERNE, CA (POC )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Corona, CA (AJO )	<b>Type of Clearance:</b>	VFR
<b>Departure Time:</b>	15:30 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	CORONA MUNI AJO	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	533 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	25	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	3200 ft / 60 ft	<b>VFR Approach/Landing:</b>	Full stop;Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 None	<b>Latitude, Longitude:</b>	33.897777,-117.600555(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Benhoff, Kathryn
<b>Additional Participating Persons:</b>	Maria LeBlanc; FAA; Riverside, CA
<b>Original Publish Date:</b>	November 5, 2018
<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=97466">https://data.nts.gov/Docket?ProjectID=97466</a>

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