



# Aviation Investigation Final Report

<b>Location:</b>	Durango, Colorado	<b>Accident Number:</b>	CEN14CA364
<b>Date &amp; Time:</b>	July 14, 2014, 12:20 Local	<b>Registration:</b>	N562BG
<b>Aircraft:</b>	MOONEY AIRPLANE CO INC M20TN	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control in flight	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation		

## Analysis

The pilot reported the airplane ballooned up after touchdown onto the runway. He applied "moderate power" to hold the airplane above the runway, while the airspeed decreased and the airplane settled onto the runway again. When "moderate power" was applied, the airplane climbed and the stall warning horn sounded. The pilot applied full power to go-around. The airplane banked left off the runway, bounced 2 to 3 times and came to rest on the opposite side of the parallel taxiway. 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 failure to maintain control during landing.

## Findings

<b>Personnel issues</b>	Incorrect action performance - Pilot
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## Factual Information

### History of Flight

<b>Landing-flare/touchdown</b>	Loss of control in flight (Defining event)
<b>Landing-landing roll</b>	Runway excursion

### Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	67
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<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 With waivers/limitations	<b>Last FAA Medical Exam:</b>	May 18, 2013
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	September 12, 2013
<b>Flight Time:</b>	1601 hours (Total, all aircraft), 211 hours (Total, this make and model), 1410 hours (Pilot In Command, all aircraft), 13 hours (Last 90 days, all aircraft), 9 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	MOONEY AIRPLANE CO INC	<b>Registration:</b>	N562BG
<b>Model/Series:</b>	M20TN NO SERIES	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	2007	<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	31-0031
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	June 29, 2014 Annual	<b>Certified Max Gross Wt.:</b>	3369 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	335 Hrs at time of accident	<b>Engine Manufacturer:</b>	CONT MOTOR
<b>ELT:</b>	C126 installed, activated, did not aid in locating accident	<b>Engine Model/Series:</b>	TSIO-550-G
<b>Registered Owner:</b>	On file	<b>Rated Power:</b>	280 Horsepower
<b>Operator:</b>	On file	<b>Operating Certificate(s) Held:</b>	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>	KDRO,6685 ft msl	<b>Distance from Accident Site:</b>	0 Nautical Miles
<b>Observation Time:</b>	17:53 Local	<b>Direction from Accident Site:</b>	
<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>	4 knots /	<b>Turbulence Type Forecast/Actual:</b>	/ Clear air
<b>Wind Direction:</b>		<b>Turbulence Severity Forecast/Actual:</b>	/ Moderate
<b>Altimeter Setting:</b>	30.35 inches Hg	<b>Temperature/Dew Point:</b>	26°C / 12°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	TRUCKEE, CA (TRK)	<b>Type of Flight Plan Filed:</b>	IFR
<b>Destination:</b>	Durango, CO (DRO)	<b>Type of Clearance:</b>	IFR
<b>Departure Time:</b>	07:34 Local	<b>Type of Airspace:</b>	Class E

## Airport Information

<b>Airport:</b>	DURANGO-LA PLATA COUNTY DRO	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	6685 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	03	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	9201 ft / 150 ft	<b>VFR Approach/Landing:</b>	Go around;Straight-in

## 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>	37.15139,-107.75389(est)

## Administrative Information

**Investigator In Charge (IIC):** Liedler, Courtney

**Additional Participating Persons:**

**Original Publish Date:** May 13, 2015

**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.ntsb.gov/Docket?ProjectID=89665>

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