



National Transportation Safety Board Aviation Accident Final Report

Location:	Durango, CO	Accident Number:	CEN12CA263
Date & Time:	05/01/2012, 1235 MDT	Registration:	N12KX
Aircraft:	CAMPBELL DAVID LEGACY	Aircraft Damage:	Substantial
Defining Event:	Abnormal runway contact	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported that he lowered the landing gear and set the flaps to 30-degrees while on the downwind leg to the runway. He added that, as he lined up the airplane on final approach, the airplane drifted to the right. After the airplane crossed the beginning of the runway, the drift increased, and the pilot tried to correct back to the runway centerline. The pilot further stated that the airspeed decreased and the airplane “stalled between five and ten feet above the runway”. The airplane landed hard, slid off the runway onto a grass slope, and came to rest in an upright position. Examination of the airplane revealed substantial damage to the fuselage, including separation of the empennage section, forward of the vertical stabilizer.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot’s improper flare and subsequent aerodynamic stall, which resulted in a hard landing.

Findings

Aircraft	Airspeed - Not attained/maintained (Cause) Landing flare - Not attained/maintained (Cause)
Personnel issues	Aircraft control - Pilot (Cause)

Factual Information

History of Flight

Landing-flare/touchdown	Aerodynamic stall/spin Abnormal runway contact (Defining event) Hard landing
Post-impact	Landing gear collapse

Pilot Information

Certificate:	Commercial	Age:	65, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With Waivers/Limitations	Last Medical Exam:	12/12/2011
Occupational Pilot:	No	Last Flight Review or Equivalent:	06/07/2011
Flight Time:	758 hours (Total, all aircraft), 187 hours (Total, this make and model), 607 hours (Pilot In Command, all aircraft), 4 hours (Last 90 days, all aircraft), 4 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CAMPBELL DAVID	Registration:	N12KX
Model/Series:	LEGACY	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental	Serial Number:	130
Landing Gear Type:	Retractable - Tricycle	Seats:	2
Date/Type of Last Inspection:		Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	AMA/EXPR
ELT:	Not installed	Engine Model/Series:	UNKNOWN ENG
Registered Owner:	FOREVER AND ALWAYS LLC	Rated Power:	
Operator:	FOREVER AND ALWAYS LLC	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KDRO	Observation Time:	1253 MDT
Distance from Accident Site:	6 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	120°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	17° C / -4° C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	9 knots/ 17 knots, 260°	Visibility (RVR):	
Altimeter Setting:	29.98 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Precipitation		
Departure Point:	Prescott, AZ	Type of Flight Plan Filed:	Unknown
Destination:	Durango, CO (00C)	Type of Clearance:	VFR
Departure Time:		Type of Airspace:	

Airport Information

Airport:	Animas Air Park (00C)	Runway Surface Type:	Asphalt
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	01	IFR Approach:	Visual
Runway Length/Width:		VFR Approach/Landing:	Traffic Pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None		

Administrative Information

Investigator In Charge (IIC):	Craig Hatch	Adopted Date:	06/28/2012
Additional Participating Persons:	Tonya Glines; FAA FSDO; Salt Lake City, UT		
Publish Date:	06/28/2012		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=83520		

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