



Aviation Investigation Final Report

Location:	Newnan, Georgia	Accident Number:	ERA14CA028
Date & Time:	October 25, 2013, 15:30 Local	Registration:	N711H
Aircraft:	Beech 95 B55 (T42A)	Aircraft Damage:	Substantial
Defining Event:	Landing gear collapse	Injuries:	4 None
Flight Conducted Under:	Part 91: General aviation - Instructional		

Analysis

According to the flight instructor, the airplane landed without incident during the instructional flight. During the landing roll he intended to retract the flaps but instead placed the landing gear switch in the "up" position. The flight instructor immediately returned the landing gear switch to the "down" position; however, the landing gear collapsed. The airplane slid about halfway down the runway before it came to rest, which resulted in substantial damage to the fuselage. The flight instructor reported no preimpact mechanical malfunctions or failures with the airplane that would have precluded normal operation. According to the pilot operating handbook, "never rely on the safety switch to keep the gear down during taxi or on take-off, landing roll, or in a static position. Always make certain that the landing gear switch is in the down position during these operations."

Probable Cause and Findings

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

The flight instructor's inadvertent movement of the landing gear switch, which resulted in a landing gear collapse and substantial damage to the fuselage.

Findings

Aircraft	Landing gear selector - Unintentional use/operation
Personnel issues	Use of equip/system - Instructor/check pilot

Factual Information

History of Flight

Landing-landing roll	Landing gear collapse (Defining event)
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Flight instructor Information

Certificate:	Commercial; Flight instructor	Age:	23
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	Lap only
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	April 24, 2013
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	July 31, 2013
Flight Time:	785 hours (Total, all aircraft), 109 hours (Total, this make and model), 730 hours (Pilot In Command, all aircraft), 282 hours (Last 90 days, all aircraft), 71 hours (Last 30 days, all aircraft), 8 hours (Last 24 hours, all aircraft)		

Student pilot Information

Certificate:	Private	Age:	22
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 2 Without waivers/limitations	Last FAA Medical Exam:	April 4, 2013
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N711H
Model/Series:	95 B55 (T42A) A	Aircraft Category:	Airplane
Year of Manufacture:	1966	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	TC-981
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	October 3, 2013 100 hour	Certified Max Gross Wt.:	5100 lbs
Time Since Last Inspection:	107 Hrs	Engines:	Reciprocating
Airframe Total Time:	7129 Hrs at time of accident	Engine Manufacturer:	Continental Motors
ELT:	Installed, not activated	Engine Model/Series:	IO-470 Series
Registered Owner:	TAC AIR LLC	Rated Power:	
Operator:	Falcon Aviation Academy	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	CCO,970 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	15:35 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	9 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	360°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.3 inches Hg	Temperature/Dew Point:	14°C / -3°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Destin, FL (DTS)	Type of Flight Plan Filed:	IFR
Destination:	Newnan, GA (CCO)	Type of Clearance:	IFR
Departure Time:	13:00 Local	Type of Airspace:	

Airport Information

Airport:	Newnan Coweta County Airport CCO	Runway Surface Type:	Asphalt
Airport Elevation:	970 ft msl	Runway Surface Condition:	Dry
Runway Used:	32	IFR Approach:	None
Runway Length/Width:	5500 ft / 100 ft	VFR Approach/Landing:	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	4 None	Latitude, Longitude:	33.311389,-84.76889(est)

Administrative Information

Investigator In Charge (IIC):	Moats, Heidi
Additional Participating Persons:	Scott Childs; FAA/FSDO; Atlanta, GA
Original Publish Date:	December 19, 2013
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.nts.gov/Docket?ProjectID=88343

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