



Aviation Investigation Final Report

Location:	LUTZ, Florida	Accident Number:	MIA94LA180
Date & Time:	July 19, 1994, 14:30 Local	Registration:	N9354E
Aircraft:	AERONCA 11AC	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Instructional		

Analysis

The student pilot was making a wheel landing with a slight cross wind. On landing rollout the tail started to go to the left. The student pilot applied rudder and throttle, and felt the certified flight instructor get on the flight controls. The airplane ground looped before either pilot could correct the situation.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The certified flight instructor's improper supervision of the student pilot during a wheel landing resulting in an on ground loss of control (inadvertent ground loop). Contributing to the accident was the student pilot's improper use of flight controls and throttle during the landing rollout.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

1. (F) FLIGHT CONTROLS - IMPROPER USE OF - DUAL STUDENT
2. GROUND LOOP/SWERVE - INADVERTENT - DUAL STUDENT
3. (C) SUPERVISION - IMPROPER - PILOT IN COMMAND(CFI)

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Factual Information

On July 19, 1994, about 1430 eastern daylight time, N9354E, an Aeronca 11AC, registered to the student pilot, Victor Bertheldorf, crashed on landing attempt at Lutz, Florida, while on a 14 CFR Part 91 instructional flight. Visual meteorological conditions prevailed at the time and no flight plan was filed. The airplane was substantially damaged and the student and instructor reported no injuries. The local flight originated about 45 minutes earlier.

The student pilot stated he was on an instructional flight with his certified flight instructor (CFI). He was making a wheel landing to runway 36 with a slight cross wind from the east. On landing rollout the tail of the airplane started to move to the left. He applied rudder and power and felt the CFI get on the flight controls. The airplane ground looped before he or the CFI could correct the situation.

Pilot Information

Certificate:	Student	Age:	47, Male
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical-w/ waivers/lim	Last FAA Medical Exam:	September 11, 1992
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	89 hours (Total, all aircraft), 44 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	AERONCA	Registration:	N9354E
Model/Series:	11AC 11AC	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	11AC-991
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	December 3, 1993 Annual	Certified Max Gross Wt.:	1250 lbs
Time Since Last Inspection:	26 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	737 Hrs	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	A&C65
Registered Owner:	BERTHELDORF, VICTOR	Rated Power:	75 Horsepower
Operator:		Operating Certificate(s) Held:	None
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	PIE ,11 ft msl	Distance from Accident Site:	41 Nautical Miles
Observation Time:	13:47 Local	Direction from Accident Site:	10°
Lowest Cloud Condition:	Scattered / 3000 ft AGL	Visibility	7 miles
Lowest Ceiling:	Broken / 25000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:	0°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	31°C / 24°C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	15:45 Local	Type of Airspace:	Class G

Airport Information

Airport:	PILOT COUNTRY AIRPORT X05	Runway Surface Type:	Asphalt
Airport Elevation:	80 ft msl	Runway Surface Condition:	Dry
Runway Used:	36	IFR Approach:	None
Runway Length/Width:	3700 ft / 72 ft	VFR Approach/Landing:	Traffic pattern

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	28.130695,-82.460189(est)

Administrative Information

Investigator In Charge (IIC):	Smith, Carrol
Additional Participating Persons:	RODGER D OLSON; ORLANDO , FL
Original Publish Date:	November 18, 1994
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=37576

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