



Aviation Investigation Final Report

Location:	GOODYEAR, Arizona	Accident Number:	LAX98LA071
Date & Time:	January 13, 1998, 15:20 Local	Registration:	N2496V
Aircraft:	Cessna 140	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Instructional		

Analysis

On the third touch-and-go landing the student pilot inadvertently applied brake pressure. He lost control, ground looped the aircraft, and the landing gear collapsed. No mechanical malfunctions of the brake was noted by the student pilot.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The inadvertent brake activation by the student pilot while practicing touch-and-go landings.

Findings

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

Findings

1. (C) BRAKES(NORMAL) - INADVERTENT ACTIVATION - PILOT IN COMMAND
2. GROUND LOOP/SWERVE - ENCOUNTERED

Occurrence #2: GEAR COLLAPSED
Phase of Operation: LANDING - ROLL

Factual Information

On January 13, 1998, at 1520 hours mountain standard time, a Cessna 140, N2496V, ground looped on landing and collapsed the landing gear at the Goodyear, Arizona, airport. The aircraft sustained substantial damage, and the student pilot was not injured. Visual meteorological conditions existed for the local solo instructional flight and no flight plan was filed.

The student pilot reported that on his third touch-and-go landing he inadvertently applied brake pressure on landing, lost control, and ground looped the aircraft. He stated that weather was not a factor. He also reported that there were no mechanical difficulties with the aircraft.

Pilot Information

Certificate:	Student	Age:	49, Male
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical-w/ waivers/lim	Last FAA Medical Exam:	December 15, 1997
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	32 hours (Total, all aircraft), 28 hours (Total, this make and model), 1 hours (Pilot In Command, all aircraft), 28 hours (Last 90 days, all aircraft), 24 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N2496V
Model/Series:	140 140	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	14765
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	January 23, 1997 Annual	Certified Max Gross Wt.:	1450 lbs
Time Since Last Inspection:	78 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	5507 Hrs	Engine Manufacturer:	Continental
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	C-90-12F
Registered Owner:	EVERET W. QUAMME	Rated Power:	90 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:	GYR ,968 ft msl	Distance from Accident Site:	
Observation Time:	15:21 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	7 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	0°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	17°C / 6°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	(GYR)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	VFR
Departure Time:	14:55 Local	Type of Airspace:	Class D

Airport Information

Airport:	PHOENIX-GOODYEAR MUNI GYR	Runway Surface Type:	Asphalt
Airport Elevation:	968 ft msl	Runway Surface Condition:	Dry
Runway Used:	21	IFR Approach:	None
Runway Length/Width:	8500 ft / 150 ft	VFR Approach/Landing:	Touch and go;Traffic pattern

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Cornejo, Tealeye
Additional Participating Persons:	MICHAEL GONZALES; SCOTTSDALE , AZ
Original Publish Date:	June 21, 2000
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=30020

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