



# Aviation Investigation Final Report

<b>Location:</b>	DALLAS, Georgia	<b>Accident Number:</b>	ATL99LA073
<b>Date &amp; Time:</b>	April 19, 1999, 10:00 Local	<b>Registration:</b>	N9462A
<b>Aircraft:</b>	Cessna 140A	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The flight instructor was demonstrating a short field landing onto the grass airstrip. During the landing roll, the flight instructor realized that a safe roll out was not possible. The flight instructor attempted a go-around with full flaps extended. During the go-around attempt, the airplane collided with a grassy hill on the runway and nosed over. The flight instructor reported no mechanical problems with the airplane.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's selection of unsuitable terrain/landing area for a short field landing, and his delay in executing a go-around.

## Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: LANDING - ABORTED

### Findings

1. (C) UNSUITABLE TERRAIN OR TAKEOFF/LANDING/TAXI AREA - SELECTED - PILOT IN COMMAND(CFI)
2. (F) TERRAIN CONDITION - ROUGH/UNEVEN
3. (C) GO-AROUND - DELAYED - PILOT IN COMMAND(CFI)

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Occurrence #2: ROLL OVER

Phase of Operation: LANDING - ROLL

Findings

4. TERRAIN CONDITION - GRASS

## Factual Information

On April 19, 1999, at 1000 eastern daylight time, a Cessna 140A, N9462A, nosed over during an attempted landing on a short grass strip near Dallas, Georgia. The instructional flight was operated by the pilot under the provision of 14 CFR Part 91 with no flight plan filed. Visual weather conditions prevailed at the time of the accident. The airplane sustained substantial damage. The flight instructor and the dual student were not injured. The flight departed Rome, Georgia, at 0945.

The flight instructor was demonstrating a short field landing onto the grass airstrip. During the landing roll, the flight instructor realized that a safe roll out was not possible. The flight instructor initially attempted a go-around with full flaps extended. When the airplane did not become airborne during the go-around attempt, it collided with a grassy rise on the runway and nosed over.

Examination of the aircraft revealed damage to the right wing, left wing and main landing gear. Also there was propeller damage, windshield damage, vertical fin damage and wheel pants damage. The flight instructor reported no mechanical problems with the airplane.

### Pilot Information

<b>Certificate:</b>	Commercial; Flight instructor	<b>Age:</b>	38, Male
<b>Airplane Rating(s):</b>	Single-engine land; Multi-engine land	<b>Seat Occupied:</b>	Right
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	Yes
<b>Instructor Rating(s):</b>	Airplane multi-engine; Instrument airplane	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 1 Valid Medical--w/ waivers/lim	<b>Last FAA Medical Exam:</b>	December 4, 1998
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	3704 hours (Total, all aircraft), 22 hours (Total, this make and model), 3605 hours (Pilot In Command, all aircraft), 25 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N9462A
<b>Model/Series:</b>	140A 140A	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	15283
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	March 1, 1999 Annual	<b>Certified Max Gross Wt.:</b>	1500 lbs
<b>Time Since Last Inspection:</b>	60 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	3000 Hrs	<b>Engine Manufacturer:</b>	Continental
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-200-A
<b>Registered Owner:</b>	ROBERT L. CARTER	<b>Rated Power:</b>	95 Horsepower
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	FTY ,841 ft msl	<b>Distance from Accident Site:</b>	20 Nautical Miles
<b>Observation Time:</b>	11:53 Local	<b>Direction from Accident Site:</b>	95°
<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>	8 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	230°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	18°C / 1°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	ROME , GA (RMG )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	
<b>Departure Time:</b>	09:45 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	PINE WOOD PVT	<b>Runway Surface Type:</b>	Grass/turf
<b>Airport Elevation:</b>		<b>Runway Surface Condition:</b>	Rough
<b>Runway Used:</b>	10	<b>IFR Approach:</b>	
<b>Runway Length/Width:</b>	1800 ft / 100 ft	<b>VFR Approach/Landing:</b>	Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	2 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>	2 None	<b>Latitude, Longitude:</b>	33.909767,-84.829216(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Powell, Phillip
<b>Additional Participating Persons:</b>	BEOTIS WRIGHT; COLLEGE PARK , GA
<b>Original Publish Date:</b>	May 12, 2000
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	
<b>Investigation Docket:</b>	<a href="https://data.ntsb.gov/Docket?ProjectID=46126">https://data.ntsb.gov/Docket?ProjectID=46126</a>

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