



Aviation Investigation Final Report

Location:	TUPELO, Mississippi	Accident Number:	ATL99LA084
Date & Time:	May 13, 1999, 17:50 Local	Registration:	N4478C
Aircraft:	Cessna 195A	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot stated that he was conducting instrument training in the aircraft that evening with a safety pilot. During the landing roll, he lost directional control, the airplane ground looped and then nosed over. The pilot did not report any 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 failure to maintain directional control which resulted in an inadvertent ground loop/swerve and subsequent nose over.

Findings

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

Findings

1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
2. (C) GROUND LOOP/SWERVE - INADVERTENT - PILOT IN COMMAND

Occurrence #2: NOSE OVER
Phase of Operation: LANDING - ROLL

Factual Information

On May 13, 1999, at 1750 central daylight time, a Cessna 195A, N4478C, veered off the runway and flipped inverted during the landing roll at the Tupelo Airport, in Tupelo, Mississippi. The airplane was operated by the pilot under the provisions of Title 14 CFR Part 91, and visual flight rules. Visual meteorological conditions prevailed, and no flight plan was filed for the local flight. The pilot and passenger were not injured and the airplane sustained substantial damage. The flight originated from Tupelo, Mississippi, at 1715.

After approximately 50 minutes of instrument training, the pilot and safety pilot returned to the departure airport . The pilot established a final approach to runway 36 for a full stop landing. After the airplane touched down on the runway surface, it veered off the runway and flipped inverted . The landing gear also collapsed.

No mechanical problems with the aircraft were reported by the pilot.

Pilot Information

Certificate:	Commercial; Flight instructor; Military	Age:	50, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	Helicopter	Restraint Used:	
Instrument Rating(s):	Airplane; Helicopter	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine; Helicopter; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical-w/ waivers/lim	Last FAA Medical Exam:	August 24, 1998
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	14457 hours (Total, all aircraft), 20 hours (Total, this make and model), 13597 hours (Pilot In Command, all aircraft), 100 hours (Last 90 days, all aircraft), 36 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N4478C
Model/Series:	195A 195A	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	16062
Landing Gear Type:	Tricycle	Seats:	5
Date/Type of Last Inspection:	July 7, 1998 Annual	Certified Max Gross Wt.:	3350 lbs
Time Since Last Inspection:	25 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	4450 Hrs	Engine Manufacturer:	Jacobs
ELT:	Installed, not activated	Engine Model/Series:	R755B2
Registered Owner:	ALPHA PAPP AVIATION	Rated Power:	275 Horsepower
Operator:	ROBERT LESLIE MCEACHERN	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:	TUP ,346 ft msl	Distance from Accident Site:	
Observation Time:	20:53 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	280°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	22°C / 9°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	(TUP)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	17:15 Local	Type of Airspace:	Class E

Airport Information

Airport:	TUPELO C.D. LEMONS TUP	Runway Surface Type:	Asphalt
Airport Elevation:	346 ft msl	Runway Surface Condition:	Dry
Runway Used:	36	IFR Approach:	None
Runway Length/Width:	6500 ft / 100 ft	VFR Approach/Landing:	Full stop

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	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	Wilson, Butch
Additional Participating Persons:	DAN MALONE; JACKSON , MS
Original Publish Date:	May 12, 2000
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=46324

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