



Aviation Investigation Final Report

Location:	CONYERS, Georgia	Accident Number:	ATL89FA167
Date & Time:	June 22, 1989, 16:47 Local	Registration:	N1875V
Aircraft:	CESSNA 140	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Serious
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

THE AIRPLANE WAS FLOWN ABOUT TEN MILES FROM THE AIRPORT WHERE THE PILOT CIRCLED HIS SON'S OFFICE AT ABOUT 400 FEET AGL. HE SAID THE ENGINE RPM WAS ABOUT 2300. THE ENGINE LOST POWER & THE PILOT LANDED THE ACFT IN A RESIDENTIAL YARD. DURING THE LANDING, THE ACFT HIT A TREE & CRASHED. THE TEMP & DEW POINT WERE ABOUT 75 & 66 DEG, RESPECTIVELY. ACCORDING TO CARB ICING CHARTS, CONDITIONS WERE CONDUCIVE TO CARB ICE. THE PILOT SAID HE CHECKED THE CARB HEAT DURING RUNUP, BUT DID NOT USE IT IN FLT.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: CARBURETOR ICE AND THE PILOT'S IMPROPER USE OF CARBURETOR HEAT. CARBURETOR ICING CONDITION WAS A RELATED FACTOR.

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL
Phase of Operation: MANEUVERING

Findings

1. (F) WEATHER CONDITION - CARBURETOR ICING CONDITIONS
2. (C) FUEL SYSTEM,CARBURETOR - ICE
3. (C) CARBURETOR HEAT - NOT USED - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Private	Age:	69, Male
Airplane Rating(s):	Single-engine land	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 Expired	Last FAA Medical Exam:	July 16, 1986
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	8000 hours (Total, all aircraft), 40 hours (Total, this make and model), 6 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N1875V
Model/Series:	140 140	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	14055
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	April 19, 1989 Annual	Certified Max Gross Wt.:	1450 lbs
Time Since Last Inspection:	11 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	2437 Hrs	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	C-85-12F
Registered Owner:	CHARLES G THACKER	Rated Power:	85 Horsepower
Operator:	CHARLES G. THACKER	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:	MGE ,1100 ft msl	Distance from Accident Site:	35 Nautical Miles
Observation Time:	17:00 Local	Direction from Accident Site:	310°
Lowest Cloud Condition:	Scattered / 1000 ft AGL	Visibility	7 miles
Lowest Ceiling:	Broken / 8000 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:	24°C / 19°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	COVINGTON , GA (9A1)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	16:30 Local	Type of Airspace:	

Airport Information

Airport:		Runway Surface Type:	
Airport Elevation:		Runway Surface Condition:	
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	Forced landing

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): Hicks, Preston

Additional Participating Persons: DAN STRICKLAND; ATLANTA, GA
ART NELSON; ATLANTA, GA

Original Publish Date: May 15, 1992

Last Revision Date:

Investigation Class: [Class](#)

Note:

Investigation Docket: <https://data.nts.gov/Docket?ProjectID=7901>

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