



National Transportation Safety Board Aviation Accident Data Summary

Location:	SUMMERVILLE, SC	Accident Number:	ATL93LA054
Date & Time:	02/02/1993, 2030 EST	Registration:	N757AC
Aircraft:	CESSNA 152	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PLANNED FLIGHT WAS TO BE A ROUND TRIP FROM SUMMERVILLE, SOUTH CAROLINA TO ST. AUGUSTINE, FLORIDA AND RETURN. THE AIRCRAFT DEPARTED SUMMERVILLE WITH 24.5 GALLONS OF FUEL. THE PILOT PURCHASED 6 GALLONS OF FUEL IN ST. AUGUSTINE FOR THE RETURN TRIP. TOTAL FLIGHT TIME FOR THE ROUND TRIP WAS 4.7 HOURS. THE CESSNA 152 INFORMATION MANUAL SHOWS THE AIRCRAFT ENDURANCE WITH 30.5 GALLONS OF FUEL AT 65 PER CENT POWER TO BE 4.5 HOURS.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
THE POOR PREFLIGHT PLANNING BY THE PILOT.

Findings

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

Findings

1. FLUID,FUEL - EXHAUSTION
 2. (C) PREFLIGHT PLANNING/PREPARATION - POOR - PILOT IN COMMAND
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Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: DESCENT - EMERGENCY

Findings

3. OBJECT - TREE(S)
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Occurrence #4: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Pilot Information

Certificate:	Private	Age:	29
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	175 hours (Total, all aircraft), 50 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N757AC
Model/Series:	152 152	Engines:	1 Reciprocating
Operator:	BROWN ENTERPRISES, INC.	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-235-L2C
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	CHS, 46 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	5 knots / , 40°
Temperature:	2°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	ST. AUGUSTINE, FL (SGJ)	Destination:	

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	ROFF H SASSER	Adopted Date:	11/03/1993
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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