



National Transportation Safety Board Aviation Accident Data Summary

Location:	KENNESAW, GA	Accident Number:	ATL92LA135
Date & Time:	07/02/1992, 1300 EDT	Registration:	N5544B
Aircraft:	CESSNA 182	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PRIVATE PILOT WAS ABOUT 4 HOURS INTO THE CROSS COUNTRY FLIGHT WHEN THE ENGINE SPUTTERED, THEN QUIT. UNABLE TO GLIDE TO HIS DESTINATION AIRPORT, HE FORCE LANDED THE AIRPLANE IN AN ADJACENT FIELD. ON THE LANDING ROLL, THE NOSE GEAR FRACTURED, AND THE AIRCRAFT NOSED DOWN. THE PILOT STATED THAT HE HAD EXHAUSTED HIS FUEL SUPPLY. HE REPORTEDLY BEGAN THE FLIGHT WITH 4 HOURS OF FUEL PLUS A 45 MINUTE RESERVE, HOWEVER THERE WAS ONLY 1 TO 2 QUARTS OF FUEL REMAINING IN EACH WING TANK.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE INADEQUATE PREFLIGHT PLANNING BY THE PILOT WHICH RESULTED IN FUEL EXHAUSTION DUE TO AN INADEQUATE SUPPLY OF FUEL. A FACTOR WAS THE SOFT TERRAIN AT THE FORCED LANDING SITE.

Findings

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

Findings

1. (C) FLUID,FUEL - EXHAUSTION
2. (C) PREFLIGHT PLANNING/PREPARATION - INADEQUATE - PILOT IN COMMAND
3. (C) FUEL SUPPLY - INADEQUATE - PILOT IN COMMAND

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: NOSE DOWN
Phase of Operation: LANDING - ROLL

Findings

4. (F) TERRAIN CONDITION - SOFT

Pilot Information

Certificate:	Private	Age:	68
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	2300 hours (Total, all aircraft), 14 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N5544B
Model/Series:	182 182	Engines:	1 Reciprocating
Operator:	WILLIAMS, ROBERT E.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-470L
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	ATL, 1026 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Overcast / 1600 ft agl	Wind Speed/Gusts, Direction:	11 knots / , 250°
Temperature:	26° C	Visibility	9 Miles
Precipitation and Obscuration:			
Departure Point:	WINTER HAVEN, FL (GIF)	Destination:	KENNESAW, GA (RYY)

Airport Information

Airport:	COBB COUNTY (RYY)	Runway Surface Type:	N/A
Runway Used:	0	Runway Surface Condition:	
Runway Length/Width:			

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): RALPH E HICKS

Adopted Date: 03/24/1993

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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