



National Transportation Safety Board Aviation Accident Data Summary

Location:	Kennesaw, GA	Accident Number:	NYC07LA182
Date & Time:	08/01/2007, 1720 EDT	Registration:	N177RV
Aircraft:	Cessna 177RG	Injuries:	1 Serious
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

While on a short cross-country flight, the pilot contacted an air traffic control tower, at an airport that was not his intended destination. The pilot reported that he was approximately 5 miles north of the airport, low on fuel, and requested to land quickly. The air traffic controller instructed the pilot to enter a left base leg for runway 9. The pilot subsequently stated that he was out of fuel, and declared an emergency. The air traffic controller advised the pilot that the airplane was 2 miles north of the airport, and asked if the pilot was in the vicinity of a highway. The pilot replied that he was "stalling," and the airplane impacted a wooded area in a nose-down attitude. Examination of the wreckage revealed that there was no fuel in the fuel tanks, and no evidence of fuel throughout the fuel system. In addition, there was no evidence of a fuel leak.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's inadequate preflight planning, which resulted in a total loss of engine power due to fuel exhaustion during approach.

Findings

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

Findings

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

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

Occurrence #3: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: EMERGENCY DESCENT/LANDING

Findings

3. STALL - INADVERTENT

Occurrence #4: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: EMERGENCY DESCENT/LANDING

Findings

4. OBJECT - TREE(S)

Pilot Information

Certificate:	Private	Age:	23
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	238 hours (Total, all aircraft), 13 hours (Total, this make and model), 155 hours (Pilot In Command, all aircraft), 9 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Cessna	Registration:	N177RV
Model/Series:	177RG	Engines:	1 Reciprocating
Operator:	Eric P Ward	Engine Manufacturer:	Lycoming
Air Carrier Operating Certificate:	None	Engine Model/Series:	IO-360
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	RYY, 1040 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	Broken / 7500 ft agl
Condition of Light:	Day	Wind Speed/Gusts, Direction:	3 knots, 150°
Temperature:	32°C / 18°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Athens, GA (AHN)	Destination:	Cartersville, GA (VPC)

Airport Information

Airport:	Cobb County Airport (RYY)	Runway Surface Type:	Asphalt
Runway Used:	9	Runway Surface Condition:	Dry
Runway Length/Width:	6305 ft / 75 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): Robert J Gretz

Adopted Date: 02/28/2008

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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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.