



National Transportation Safety Board Aviation Accident Data Summary

Location:	CLARKSVILLE, TN	Accident Number:	ATL00LA074
Date & Time:	08/02/2000, 0640 CDT	Registration:	N86BC
Aircraft:	Beech A36	Injuries:	2 Serious
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The airplane collided with a tree during a climb-out from a missed approach. The pilot declared an emergency, and the controller provided the pilot with vectors to another airport 4.4 nautical miles southwest; however, prior to reaching the second airport, the airplane's engine lost power. The airplane collided with the ground and nosed over during an off-airport forced landing.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to follow published instrument approach procedures, and collided with a tree while executing a missed approach. Factors were low clouds, fog and a tree.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: MISSED APPROACH (IFR)

Findings

1. (C) IFR PROCEDURE - NOT FOLLOWED - PILOT IN COMMAND
2. (F) OBJECT - TREE(S)
3. (F) WEATHER CONDITION - CLOUDS
4. (F) WEATHER CONDITION - FOG

Occurrence #2: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL
Phase of Operation: MANEUVERING - TURN TO LANDING AREA (EMERGENCY)

Findings

5. FUEL SYSTEM,TANK - LEAK

Occurrence #3: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

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

Pilot Information

Certificate:	Private	Age:	46
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	611 hours (Total, all aircraft), 345 hours (Total, this make and model), 37 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N86BC
Model/Series:	A36 A36	Engines:	1 Reciprocating
Operator:	DAVID A. ORDNER	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-550-B
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Dawn
Observation Facility, Elevation:	HOP, 573 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 700 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	20°C	Visibility	1 Miles
Precipitation and Obscuration:			
Departure Point:	CHAMBLEE, GA (PDK)	Destination:	(CKV)

Airport Information

Airport:	CLARKSVILLE OUTLAW FIELD (CKV)	Runway Surface Type:	Asphalt
Runway Used:	35	Runway Surface Condition:	
Runway Length/Width:	6000 ft / 100 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): B. BEACH SCOTT

Adopted Date: 04/06/2001

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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