



National Transportation Safety Board Aviation Accident Data Summary

Location:	HORNTOWN, OK	Accident Number:	FTW85LA303
Date & Time:	08/01/1985, 1515 CDT	Registration:	N187AR
Aircraft:	CESSNA 150M	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE ACFT EXPERIENCED AN INTERMITTENT POWER LOSS IN CRUISE FLT. THE PLT'S ATTEMPTS TO REMEDY THE PROBLEM WERE NOT SUCCESSFUL AND HE ELECTED TO EXECUTE A PRECAUTIONARY LANDING ON A ROAD. DURING THE LANDING, THE ACFT STRUCK A WIRE AND VEERED INTO TREES ALONG THE SIDE OF THE ROAD. THE PLT STATED THAT HE HAD NOT APPLIED CARB HEAT DURING THE EMERGENCY BECAUSE HE CONSIDERED CARB ICE IMPROBABLE. THE ICING PROBABILITY CHART INDICATED THE POSSIBILITY OF CARB ICING AT GLIDE AND CRUISE PWR SETTINGS. ACFT WAS FUEL WITH A MIXTURE OF AUTO GAS AND AVIATION FUEL.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

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

Findings

1. (C) WEATHER CONDITION - CARBURETOR ICING CONDITIONS
2. (C) CARBURETOR HEAT - NOT SELECTED - PILOT IN COMMAND
3. (C) WEATHER EVALUATION - NOT UNDERSTOOD - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: DESCENT - EMERGENCY

Findings

4. OBJECT - WIRE,STATIC
5. OBJECT - TREE(S)

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Pilot Information

Certificate:	Private	Age:	28
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	360 hours (Total, all aircraft), 151 hours (Total, this make and model), 230 hours (Pilot In Command, all aircraft), 75 hours (Last 90 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N187AR
Model/Series:	150M 150M	Engines:	1 Reciprocating
Operator:	MICHAEL N. TRUSTY	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-200-A
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:	MLC, 770 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	5 knots / , 10°
Temperature:	38° C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	SAND SPRINGS, OK (OF8)	Destination:	HUGHE COUNTY, OK

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	WARREN V WANDEL	Adopted Date:	
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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