



National Transportation Safety Board Aviation Accident Data Summary

Location:	MANGUM, OK	Accident Number:	FTW88LA034
Date & Time:	12/02/1987, 1730 CST	Registration:	N3888V
Aircraft:	CESSNA 150	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

ACCORDING TO THE PILOT, THE ENGINE STARTED RUNNING ROUGH DURING CRUISE FLIGHT. HE ELECTED TO MAKE A FORCED LANDING AND INTENTIONALLY STALLED THE AIRCRAFT INTO SOME TREES TO CUSHION THE IMPACT, SUBSTANTIALLY DAMAGING THE AIRCRAFT. THE PILOT FURTHER STATED THAT THE ROUGH RUNNING ENGINE WAS DUE TO FUEL STARVATION.

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) FLUID,FUEL - STARVATION
2. (C) FUEL TANK SELECTOR POSITION - IMPROPER - PILOT IN COMMAND

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

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

Findings

3. (F) STALL/MUSH - INTENTIONAL - PILOT IN COMMAND
4. (F) OBJECT - TREE(S)

Pilot Information

Certificate:	Private	Age:	25
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	65 hours (Total, all aircraft), 65 hours (Total, this make and model), 42 hours (Pilot In Command, all aircraft), 1 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N3888V
Model/Series:	150 150	Engines:	1 Reciprocating
Operator:	BILLY ROY	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:	LTS, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	2 knots / , 150°
Temperature:	12° C	Visibility	12 Miles
Precipitation and Obscuration:			
Departure Point:	ALTUS, OK (AXS)	Destination:	

Airport Information

Airport:	MANGUM (OK11)	Runway Surface Type:	Grass/turf
Runway Used:	0	Runway Surface Condition:	Dry
Runway Length/Width:			

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): RALPH L WILSON

Adopted Date: 06/16/1989

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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