



National Transportation Safety Board Aviation Accident Data Summary

Location:	NEW ROADES, LA	Accident Number:	FTW90LA150
Date & Time:	08/01/1990, 1700 CDT	Registration:	N64984
Aircraft:	CESSNA 152	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

DURING THE INSTRUCTIONAL FLIGHT, THE ENGINE SUFFERED A SUDDEN LOSS OF OIL PRESSURE, AND DURING THE FORCED LANDING, THE AIRPLANE NOSED OVER TO THE INVERTED POSITION. AS THE OIL PRESSURE WAS DROPPING, SO WAS THE ENGINE RPM. THERE WAS VERY LITTLE OIL IN THE SYSTEM AFTER THE ACCIDENT AND THE OIL HAD BEEN BLOWING OUT THE ENGINE BREATHER SYSTEM. THE OPERATOR SAID THAT AFTER THE WRECKAGE HAD BEEN RECOVERED, THEY HAD BLOCKED OFF THE ENGINE BREATHER SYSTEM AND THEN HAD PRESSURIZED IT TO 15 PSI, BUT COULD NOT FIND ANYTHING MECHANICAL THAT MIGHT HAVE PRESSURIZED THE CRANKCASE IN FLIGHT.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: UNKNOWN MECHANICAL MALFUNCTION RESULTING IN ENGINE OIL STARVATION. A CONTRIBUTING FACTOR WAS ROUGH TERRAIN IN WHICH THE FORCED LANDING WAS MADE.

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: MANEUVERING

Findings

1. (C) FLUID,OIL - LOSS,TOTAL
2. (C) REASON FOR OCCURRENCE UNDETERMINED

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

Findings

3. (F) TERRAIN CONDITION - ROUGH/UNEVEN

Occurrence #3: NOSE OVER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine
Flight Time:	380 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N64984
Model/Series:	152 152	Engines:	1 Reciprocating
Operator:	TILLMAN, MICHAEL	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-235-L2C
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Witness
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	/ ,
Temperature:	32 °C	Visibility	5 Miles
Precipitation and Obscuration:			
Departure Point:	BATON ROUGE, LA (BTR)	Destination:	

Wreckage and Impact Information

Crew Injuries:	2 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):	EUGENE ROTH	Adopted Date:	10/02/1992
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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