



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	HINTON, OK	<b>Accident Number:</b>	FTW88LA113
<b>Date &amp; Time:</b>	06/01/1988, 1800 CDT	<b>Registration:</b>	N25352
<b>Aircraft:</b>	CESSNA 152	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Serious, 1 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

THE PILOT DEPARTED BETHANY, OKLAHOMA ON A LOCAL PLEASURE FLIGHT WITH THE FUEL TANKS SLIGHTLY LESS THAN 1/2 FULL. AFTER ABOUT A 1.5 HOUR FLIGHT, HE LANDED AT THE RED ROCK AIRPORT IN HINTON, OKLAHOMA. NO SERVICE WAS PERFORMED ON THE AIRCRAFT WHILE IN HINTON AND ON THE ENSUING INITIAL CLIMBOUT AFTER TAKEOFF, THERE WAS A LOSS OF POWER DUE TO FUEL EXHAUSTION. THE ACFT REACHED ABOUT 200 FT AGL BEFORE IT BEGAN LOSING ALT. THE PLT SAID HE LOWERED 10 DEGREES OF FLAPS BEFORE THE ACFT COLLIDED WITH SMALL TREES AND NOSED DOWN INTO THE GROUND. THE PLT DID NOT FILE AN ACC REPORT.

## Probable Cause and Findings

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

## Findings

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

### Findings

1. (C) FLUID,FUEL - EXHAUSTION
2. (C) REFUELING - NOT PERFORMED - PILOT IN COMMAND
3. (C) PREFLIGHT PLANNING/PREPARATION - IMPROPER - PILOT IN COMMAND

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

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

### Findings

4. (F) OBJECT - TREE(S)

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Occurrence #4: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: DESCENT - UNCONTROLLED

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	33, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	300 hours (Total, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N25352
<b>Model/Series:</b>	152 152	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	1520610
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	Annual	<b>Certified Max Gross Wt.:</b>	1670 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed	<b>Engine Model/Series:</b>	O-235-L2C
<b>Registered Owner:</b>	FLIGHT TRAINING CENTER, INC.	<b>Rated Power:</b>	110 hp
<b>Operator:</b>	FLIGHT TRAINING CENTER, INC.	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	OKC, 1295 ft msl	Distance from Accident Site:	16 Nautical Miles
Observation Time:	1750 CDT	Direction from Accident Site:	120°
Lowest Cloud Condition:	Scattered / 3500 ft agl	Visibility	15 Miles
Lowest Ceiling:	Broken / 25000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	180°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	27° C / 16° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:	BETHANY, OK (PWA)	Type of Clearance:	None
Departure Time:	1758 CDT	Type of Airspace:	Class G

## Airport Information

Airport:	RED ROCK (OK04)	Runway Surface Type:	Grass/turf
Airport Elevation:	0 ft	Runway Surface Condition:	Dry
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	Forced Landing

## Wreckage and Impact Information

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

## Administrative Information

Investigator In Charge (IIC):	J O JOHNSON	Report Date:	09/11/1989
Additional Participating Persons:	JARRETT MCFARLIN; OKLAHOMA CITY, OK DON M COOK; OKLAHOMA CITY, OK		
Publish 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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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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. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).