



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	BROOKSTON, TX	<b>Accident Number:</b>	FTW93LA001
<b>Date &amp; Time:</b>	10/01/1992, 1025 CDT	<b>Registration:</b>	N90460
<b>Aircraft:</b>	Beech D18S	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

SHORTLY AFTER TAKEOFF, THE PILOT NOTICED BLACK SMOKE TRAILING FROM THE LEFT ENGINE. SUSPECTING A FIRE, HE ELECTED TO LAND STRAIGHT AHEAD IN AN OPEN PASTURE. THE PASTURE WAS WET AND SLIGHTLY DOWNHILL MAKING BRAKING INEFFECTIVE. THE AIRPLANE STRUCK A LARGE TREE WITH THE LEFT WING, SPINNING THE AIRPLANE 180 DEG INTO A FENCE ROW. NO EVIDENCE OF AN INFLIGHT FIRE WAS FOUND ON THE LEFT ENGINE.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: SMOKE TRAILING FROM THE LEFT ENGINE FOR AN UNDETERMINED REASON(S). FACTORS CONTRIBUTING TO THE ACCIDENT WERE UNSUITABLE TERRAIN CONDITIONS.

## Findings

Occurrence #1: MISCELLANEOUS/OTHER  
Phase of Operation: TAKEOFF - INITIAL CLIMB

### Findings

1. (C) POWERPLANT - SMOKE
2. (C) POWERPLANT - UNDETERMINED

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Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT  
Phase of Operation: LANDING - ROLL

### Findings

3. PRECAUTIONARY LANDING - PERFORMED - PILOT IN COMMAND
4. (F) TERRAIN CONDITION - DOWNHILL
5. (F) TERRAIN CONDITION - WET
6. OBJECT - FENCE
7. OBJECT - TREE(S)

## Pilot Information

<b>Certificate:</b>	Flight Instructor; Commercial	<b>Age:</b>	64
<b>Airplane Rating(s):</b>	Multi-engine Land; Multi-engine Sea; Single-engine Land; Single-engine Sea	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	Helicopter	<b>Instructor Rating(s):</b>	Airplane Multi-engine; Airplane Single-engine
<b>Flight Time:</b>	26000 hours (Total, all aircraft), 200 hours (Total, this make and model)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Beech	<b>Registration:</b>	N90460
<b>Model/Series:</b>	D18S D18S	<b>Engines:</b>	2 Reciprocating
<b>Operator:</b>	BURCHINAL, ISSAC N., JR.	<b>Engine Manufacturer:</b>	P&W
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	R-985
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	, 0 ft msl	<b>Weather Information Source:</b>	Pilot
<b>Lowest Ceiling:</b>	None / 0 ft agl	<b>Wind Speed/Gusts, Direction:</b>	/ ,
<b>Temperature:</b>	29° C	<b>Visibility</b>	50 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	BROOKSTON, TX (40F)	<b>Destination:</b>	(40F)

## Wreckage and Impact Information

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

## Administrative Information

<b>Investigator In Charge (IIC):</b>	HECTOR R CASANOVA	<b>Adopted Date:</b>	09/17/1993
<b>Investigation Docket:</b>	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:pubin@ntsb.gov">pubin@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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