



National Transportation Safety Board Aviation Accident Data Summary

Location:	DENTON, TX	Accident Number:	FTW86FPA02
Date & Time:	11/02/1985, 1704 CST	Registration:	N152DR
Aircraft:	HOME BUILT FOKKER DR-1 REPLICA	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT STATED HE WAS MAKING HIS FOURTH FLY-BY AT 400 FEET AGL WHEN THE AIRCRAFT DEVELOPED A HIGH SINK RATE. HE THEN LOWERED THE NOSE AND GAINED AIRSPEED FOR RECOVERY. WHILE LEVELING OFF HE HAD TO TURN LEFT TO AVOID IMPACT WITH A SMALL TREE. AT THIS TIME THE LEFT LOWER WINGTIP CONTACTED THE GROUND AND THE CRASH OCCURRED. GROUND FIRE ERUPTED IMMEDIATELY AFTERWARDS AND THE AIRCRAFT WAS CONSUMED.

Probable Cause

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

Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Findings

1. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: FIRE
Phase of Operation: OTHER

Pilot Information

Certificate:	Private	Age:	38
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	891 hours (Total, all aircraft), 15 hours (Total, this make and model), 738 hours (Pilot In Command, all aircraft), 45 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	HOMEBUILT	Registration:	N152DR
Model/Series:	FOKKER DR-1 REPLICA FOKKER DR-	Engines:	1 Reciprocating
Operator:	FIGHTING AIR COMMAND	Engine Manufacturer:	WARNER
Operating Certificate(s) Held:	None	Engine Model/Series:	WARNER MDL165
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:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	5 knots / 10 knots, 315°
Temperature:	20° C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	DENTON, TX (1F3)	Destination:	DENTON, TX (1F3)

Airport Information

Airport:	HARTLEE FIELD (1F3)	Runway Surface Type:	
Runway Used:	0	Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	JOSEPH N MONTEROSSO	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/ .		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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