



National Transportation Safety Board Aviation Accident Data Summary

Location:	HOUSTON, TX	Accident Number:	FTW83FA409
Date & Time:	09/01/1983, 1415 CDT	Registration:	N1599S
Aircraft:	BEECH 95-A55	Injuries:	2 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

IMMEDIATELY AFTER TAKEOFF THE ACFT LOST POWER ON THE RIGHT ENG & THE ACFT PULLED UP STEEPLY, ROLLED TO THE RIGHT & IMPACTED IN AN INVERTED POSITION. TEARDOWN OF THE RIGHT ENG DID NOT REVEAL ANY PREIMPACT FAILURE OR MALFUNCTION. THE L & R ENG FUEL SELECTORS WERE FOUND POSITIONED TO THE AUX TANKS. THE ELEVATOR TRIM WAS SET TO A NOSE-UP SETTING.

Probable Cause

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

Findings

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

Findings

1. (C) AIRCRAFT PREFLIGHT - INADEQUATE - PILOT IN COMMAND
2. (C) ELEVATOR TRIM - IMPROPER - PILOT IN COMMAND
3. (C) FLUID,FUEL - STARVATION
4. (C) FUEL TANK SELECTOR POSITION - IMPROPER - PILOT IN COMMAND

Occurrence #2: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - INITIAL CLIMB

Pilot Information

Certificate:	Airline Transport	Age:	
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):		Instructor Rating(s):	
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N1599S
Model/Series:	95-A55 95-A55	Engines:	2 Reciprocating
Operator:	POWER PAK COMPANY INC.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:		Engine Model/Series:	IO-470-L
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:	IAH, 98 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	3 knots / , 70°
Temperature:	29° C	Visibility	12 Miles
Precipitation and Obscuration:			
Departure Point:		Destination:	ORANGE, TX (ORG)

Airport Information

Airport:	ANDRAU AIRPARK (AAP)	Runway Surface Type:	Concrete
Runway Used:	34	Runway Surface Condition:	Dry
Runway Length/Width:	4750 ft / 50 ft		

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Fatal	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	On-Ground
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	ASI F ROTH	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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