



National Transportation Safety Board Aviation Accident Final Report

Location:	KANSAS CITY, MO	Accident Number:	MKC88FA072
Date & Time:	04/01/1988, 0750 CST	Registration:	N989B
Aircraft:	BEECH H18	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Fatal
Flight Conducted Under:	Part 135: Air Taxi & Commuter - Non-scheduled		

Analysis

THE CARGO FLT DPTD CINCINNATI ENRT TO WICHITA, KS WITH AN INTERMEDIATE STOP AT KANSAS CITY DTWN ARPT. THE FLT PROGRESSED NRMLY TO A VOR RWY 03 INSTRUMENT APCH, CIRCLING TO RWY 01. THE PIC HAD BEEN CLRD TO COMMENCE THE APCH. TWR PERS SUBSEQUENTLY ADVISED THE PIC OF A LOW ALTITUDE ALERT, TO WHICH THE PIC RESPONDED HE HAD GROUND CONTACT. THE PIC SUBSEQUENTLY DECLARED A MISSED APCH, THEN SAID, 'I GOT IT ALL RIGHT,' AND HE REQUESTED A 360 DEG TURN AND LDG ON RWY 01. WITNESSES OBSERVED THE ACFT APCH FM THE WEST AT A LOW ALTITUDE. THEN, WHILE OVER ARPT PROPERTY, THE ACFT TURNED SHARPLY. THE LEFT WING DROPPED QUICKLY AS THE ACFT BANKED NEARLY 90 DEGREES. THE ACFT IMPACTED THE RAMP AREA 400 FT RIGHT OF RWY 01, IN FRONT OF A FIXED BASE OPERATOR AND BURST INTO FLAMES. THE ACFT SLID ABOUT 200 FT BEFORE COMING TO A STOP. THE COMPANY CHIEF PLT STATED THAT THE PIC WAS DEFICIENT IN VOR APPROACHES.

Probable Cause and Findings

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

Findings

Occurrence #1: ABRUPT MANEUVER

Phase of Operation: CIRCLING (IFR)

Findings

1. (F) MINIMUM DESCENT ALTITUDE - BELOW - PILOT IN COMMAND
2. (C) IFR PROCEDURE - IMPROPER - PILOT IN COMMAND
3. (C) MANEUVER - IMPROPER - PILOT IN COMMAND
4. (C) STALL - INADVERTENT - PILOT IN COMMAND
5. (F) INADEQUATE TRAINING - COMPANY/OPERATOR MANAGEMENT
6. (F) MISSED APPROACH - NOT PERFORMED - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Pilot Information

Certificate:	Commercial	Age:	34, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	Yes
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	11/16/1987
Occupational Pilot:	Last Flight Review or Equivalent:		
Flight Time:	2140 hours (Total, all aircraft), 274 hours (Total, this make and model), 1877 hours (Pilot In Command, all aircraft), 59 hours (Last 90 days, all aircraft), 38 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N989B
Model/Series:	H18 H18	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Utility	Serial Number:	BA-632
Landing Gear Type:	Retractable - Tailwheel	Seats:	2
Date/Type of Last Inspection:	03/01/1988, 100 Hour	Certified Max Gross Wt.:	9700 lbs
Time Since Last Inspection:	47 Hours	Engines:	2 Reciprocating
Airframe Total Time:	8443 Hours	Engine Manufacturer:	P&W
ELT:	Installed, not activated	Engine Model/Series:	R-985-AN14B
Registered Owner:	ACE AIR CARGO EXPRESS	Rated Power:	450 hp
Operator:	ACE AIR CARGO, INC	Operating Certificate(s) Held:	Air Cargo

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Day
Observation Facility, Elevation:	MKC, 758 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0758 CST	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	1 Miles
Lowest Ceiling:	Overcast / 700 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	12 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	60°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	7° C / 7° C
Precipitation and Obscuration:			
Departure Point:	CINCINNATI, OH (CIN)	Type of Flight Plan Filed:	IFR
Destination:	(MKC)	Type of Clearance:	IFR
Departure Time:	0509 CST	Type of Airspace:	Class E

Airport Information

Airport:	KANSAS CITY DOWNTOWN (MKC)	Runway Surface Type:	Asphalt
Airport Elevation:	758 ft	Runway Surface Condition:	Wet
Runway Used:	1	IFR Approach:	Circling; VOR/DME
Runway Length/Width:	7001 ft / 150 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	CLINT C THORPE	Report Date:	10/06/1989
Additional Participating Persons:	SIDNEY BUFF; KANSAS CITY, MO ED ROSENBURGER; KANSAS CITY, MO JOHN WARD; WICHITA, KS		
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 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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