



National Transportation Safety Board Aviation Accident Final Report

Location:	RICHMOND, IN	Accident Number:	CHI82FA091
Date & Time:	03/18/1982, 0912 EST	Registration:	N33KC
Aircraft:	CESSNA 421	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Fatal, 2 Serious
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

DURING A VOR APPROACH TO RUNWAY 05 WHEN 3 MILES AWAY FROM THE AIRPORT AT MINIMUMS GROUND CONTACT WAS NOT MADE. THE PILOT STATED THAT SHE ELECTED TO PERFORM A MISSED APPROACH BUT BEFORE POWER WAS APPLIED THE COPILOT RAISED THE FLAPS. SHE FURTHER STATED THAT SHE THEN FELT A SINKING FEELING AND PUT IN MORE POWER. THE AIRCRAFT CRASHED IN AN OPEN FIELD APPROXIMATELY 2.3 MILES SOUTHWEST OF THE AIRPORT.

Probable Cause and Findings

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: APPROACH - FAF/OUTER MARKER TO THRESHOLD (IFR)

Findings

1. (F) WEATHER CONDITION - FOG
2. (F) WEATHER CONDITION - BELOW APPROACH/LANDING MINIMUMS
3. (C) IN-FLIGHT PLANNING/DECISION - POOR - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: APPROACH - FAF/OUTER MARKER TO THRESHOLD (IFR)

Findings

4. MISSED APPROACH - ATTEMPTED - PILOT IN COMMAND
5. (C) CREW/GROUP COORDINATION - INADEQUATE - PILOT IN COMMAND
6. (C) RAISING OF FLAPS - IMPROPER
7. (C) REMEDIAL ACTION - INADEQUATE - PILOT IN COMMAND
8. (C) SELF-INDUCED PRESSURE - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Airline Transport; Flight Instructor	Age:	38, Female
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Unknown
Other Aircraft Rating(s):		Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane	Toxicology Performed:	
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	12/12/1981
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	2250 hours (Total, all aircraft), 400 hours (Total, this make and model), 1550 hours (Pilot In Command, all aircraft), 45 hours (Last 90 days, all aircraft), 20 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N33KC
Model/Series:	421 421	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:		Serial Number:	4210026
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	6800 lbs
Time Since Last Inspection:	3 Hours	Engines:	2 Reciprocating
Airframe Total Time:	4231 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed	Engine Model/Series:	GTSIO-520-D
Registered Owner:	ATLAS PLASTICS CORPORATION	Rated Power:	375 hp
Operator:	ATLAS PLASTICS CORPORATION	Operating Certificate(s) Held:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	0 Miles
Lowest Ceiling:	Obscured / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	60°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	40° C / 0° C
Precipitation and Obscuration:			
Departure Point:	ST. LOUIS, MO	Type of Flight Plan Filed:	IFR
Destination:	RICHMOND, IN	Type of Clearance:	Traffic Advisory
Departure Time:	0730	Type of Airspace:	

Airport Information

Airport:	RICHMOND MUNICIPAL (AID)	Runway Surface Type:	Asphalt
Airport Elevation:	0 ft	Runway Surface Condition:	Dry
Runway Used:	5	IFR Approach:	VOR
Runway Length/Width:	5202 ft / 150 ft	VFR Approach/Landing:	

Wreckage and Impact Information

Crew Injuries:	1 Fatal, 1 Serious	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Serious	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Fatal, 2 Serious	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	Report Date:	03/18/1983
Additional Participating Persons:		
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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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](#).