



National Transportation Safety Board Aviation Accident Final Report

Location:	NORMAN, OK	Accident Number:	FTW83FA299
Date & Time:	06/28/1983, 0819 CDT	Registration:	N6139X
Aircraft:	AERO COMMANDER 680-F	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	2 Fatal

Flight Conducted Under: Part 91: General Aviation - Personal

Analysis

THE ACFT CRASHED AFTER STARTING A GO-AROUND OR ABORTED LANDING AT NORMAL OK. THE ACFT WAS ON A X-COUNTRY FROM DALLAS TO WICHITA. THERE WAS NO RADIO COMMUNICATION WITH THE ACFT AFTER IT WAS CLEARED TO LAND. THE APPROACH LOOKED OK BUT ON SHORT FINAL THE ACFT SUDDENLY TURNED RIGHT, LEVELED THEN ENTERED A STEEP CLIMBING RIGHT TURN AND CONTINUE TO ROLL UNTIL INVERTED THEN PITCHED NOSE DOWN UNTIL CRASHING. THE PLT IN THE RIGHT SEAT HAD REPORTEDLY WORKED LATE THE NIGHT BEFORE INSTALLING WHAT APPEARED TO BE AN AUX FUEL SYSTEM IN THE CABIN. THE ACFT HAD JUST BEEN SOLD AND THE IDENTITY AND LOCATION OF THE OWNER WAS NOT ESTABLISHED. NO ONE CLAIMED THE WRECKAGE. EVIDENCE REVEALED THAT BOTH PROPELLERS WERE ROTATING AT HIGH RPM AT IMPACT. THE FIRE AFTER IMPACT BURNED MOST INTENSELY AND PERSISTANTLY IN THE CENTER OF THE CABIN WHERE THE REMAINS OF WHAT APPEARED TO BE AN AUX FUEL SYSTEM WERE FOUND. NO PRE-IMPACT MALFUNCTIONS OR FAILURES WERE FOUND.

Probable Cause and Findings

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

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: GO-AROUND (VFR)

Findings

1. (C) REASON FOR OCCURRENCE UNDETERMINED - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Pilot Information

Certificate:	Private	Age:	45, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):		Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	Yes
Instructor Rating(s):		Toxicology Performed:	Yes
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	04/23/1982
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	AERO COMMANDER	Registration:	N6139X
Model/Series:	680-F 680-F	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	680F-920-2
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	8000 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:		Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	IGSO-540-B1A
Registered Owner:	KANSAS AIRCRAFT CORPORATION	Rated Power:	380 hp
Operator:	12	Operating Certificate(s) Held:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	OKC, 1299 ft msl	Distance from Accident Site:	25 Nautical Miles
Observation Time:	0830 CDT	Direction from Accident Site:	330°
Lowest Cloud Condition:	Scattered / 4000 ft agl	Visibility	15 Miles
Lowest Ceiling:	Broken / 8000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	160°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	
Precipitation and Obscuration:			
Departure Point:	DALLAS, TX (DAL)	Type of Flight Plan Filed:	None
Destination:	WICHITA, KS (ICT)	Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	Class G

Airport Information

Airport:	WESTHEIMER (OUN)	Runway Surface Type:	Asphalt
Airport Elevation:	1178 ft	Runway Surface Condition:	Dry
Runway Used:	17	IFR Approach:	None
Runway Length/Width:	3000 ft / 200 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	J. O JOHNSON	Report Date:	
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](#).