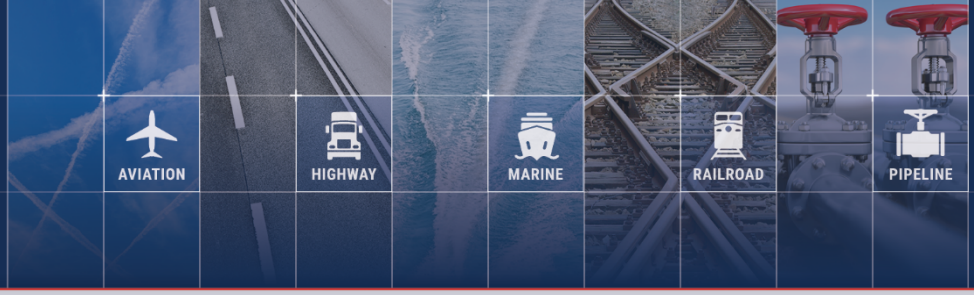

Aviation Investigation Final Report

Location:	MCALLEN, Texas	**Accident Number:**	FTW83LA268
Date & Time:	June 6, 1983, 09:45 Local	**Registration:**	N4016Y
Aircraft:	CESSNA 185	**Aircraft Damage:**	Substantial
Defining Event:		**Injuries:**	1 Serious
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

THE ENG QUIT DURING CLIMBOUT. INSPECTION REVEALED THAT THE FUEL SYSTEM CONTAINED ABOUT 50% CLEAR LIQUID OTHER THAN GASOLINE. THE ACFT HAD SAT WITH ITS TANKS EMPTY FOR THE PAST 7-10 DAYS.

Probable Cause and Findings

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) FLUID,FUEL - WATER

Occurrence #2: FORCED LANDING
Phase of Operation: MANEUVERING - TURN TO LANDING AREA (EMERGENCY)

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: MANEUVERING - TURN TO LANDING AREA (EMERGENCY)

Factual Information

Pilot Information

Certificate:	Commercial	**Age:**	53,Male
Airplane Rating(s):	Single-engine land; Multi-engine land	**Seat Occupied:**	Left
Other Aircraft Rating(s):		**Restraint Used:**	
Instrument Rating(s):	Airplane	**Second Pilot Present:**	No
Instructor Rating(s):		**Toxicology Performed:**	No
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim	**Last FAA Medical Exam:**	September 30, 1982
Occupational Pilot:	UNK	**Last Flight Review or Equivalent:**	
Flight Time:	15586 hours (Total, all aircraft), 2500 hours (Total, this make and model), 15501 hours (Pilot In Command, all aircraft), 46 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	**Registration:**	N4016Y
Model/Series:	185 185	**Aircraft Category:**	Airplane
Year of Manufacture:		**Amateur Built:**	
Airworthiness Certificate:	Normal	**Serial Number:**	185-0216
Landing Gear Type:	Tailwheel	**Seats:**	6
Date/Type of Last Inspection:	February 22, 1983 Annual	**Certified Max Gross Wt.:**	3200 lbs
Time Since Last Inspection:	42 Hrs	**Engines:**	1 Reciprocating
Airframe Total Time:	1400 Hrs	**Engine Manufacturer:**	CONTINENTAL
ELT:		**Engine Model/Series:**	IO-470-F
Registered Owner:	W. A. CROSS	**Rated Power:**	260 Horsepower
Operator:		**Operating Certificate(s) Held:**	None
Operator Does Business As:		**Operator Designator Code:**	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	**Condition of Light:**	Day
Observation Facility, Elevation:	MFE ,107 ft msl	**Distance from Accident Site:**	
Observation Time:	09:48 Local	**Direction from Accident Site:**	
Lowest Cloud Condition:	Scattered / 1500 ft AGL	**Visibility**	10 miles
Lowest Ceiling:	None	**Visibility (RVR):**	
Wind Speed/Gusts:	13 knots / 20 knots	**Turbulence Type Forecast/Actual:**	/
Wind Direction:	150°	**Turbulence Severity Forecast/Actual:**	/
Altimeter Setting:	29 inches Hg	**Temperature/Dew Point:**	29°C / 24°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:		**Type of Flight Plan Filed:**	VFR
Destination:		**Type of Clearance:**	
Departure Time:	09:45 Local	**Type of Airspace:**	Class A

Airport Information

Airport:	MILLER INTERNATIONAL MFE	**Runway Surface Type:**	Asphalt
Airport Elevation:	107 ft msl	**Runway Surface Condition:**	Dry
Runway Used:	18	**IFR Approach:**	None
Runway Length/Width:	3000 ft	**VFR Approach/Landing:**	Forced landing

Wreckage and Impact Information

Crew Injuries:	1 Serious	**Aircraft Damage:**	Substantial
Passenger Injuries:		**Aircraft Fire:**	None
Ground Injuries:	N/A	**Aircraft Explosion:**	None
Total Injuries:	1 Serious	**Latitude, Longitude:**	26.210182,-98.229393(est)

Administrative Information

Investigator In Charge (IIC):	Johnson, J.
Additional Participating Persons:	
Original Publish Date:	
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=20925