



National Transportation Safety Board Aviation Accident Final Report

Location:	BORGER, TX	Accident Number:	FTW83FA133
Date & Time:	03/02/1983, 1145 CST	Registration:	N29302
Aircraft:	CESSNA 177	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	3 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

ACCORDING TO 2 PLT WITNESSES, THE ACFT STALLED DURING TAKEOFF AFTER IT HAD CLIMBED TO APRX 75 TO 100 FT AGL. THEY REPORTED THAT AT THAT TIME, IT DID A WING-OVER, ENTERED A DIVE & CRASHED. REPORTEDLY, THE ACFT WAS LOADED TO NEAR ITS MAX GROSS WT LIMIT. THE ARPT ELEVATION & TEMP WERE 3052 FT & 67 DEG, RESPECTIVELY, THE ENG WAS REPORTEDLY AT FULL POWER UNTIL IMPACT. NO EVIDENCE OF A PREIMPACT FAILURE OF THE ACFT OR ENG WAS 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: TAKEOFF - INITIAL CLIMB

Findings

1. (F) WEATHER CONDITION - HIGH DENSITY ALTITUDE
2. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
3. (C) STALL - INADVERTENT - PILOT IN COMMAND

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

Factual Information

Pilot Information

Certificate:	Private	Age:	59, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):		Restraint Used:	Seatbelt
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	Yes
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	06/02/1982
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	1254 hours (Total, all aircraft), 1214 hours (Pilot In Command, all aircraft), 8 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N29302
Model/Series:	177 177	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	177-00800
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	11/20/1982, Annual	Certified Max Gross Wt.:	2275 lbs
Time Since Last Inspection:	8 Hours	Engines:	1 Reciprocating
Airframe Total Time:	1549 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, activated	Engine Model/Series:	O-320-E2D
Registered Owner:	BILLY JOE SCHROEDER	Rated Power:	150 hp
Operator:	BILLY JOE SCHROEDER	Operating Certificate(s) Held:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	AMA, 3607 ft msl	Distance from Accident Site:	35 Nautical Miles
Observation Time:	1151 CST	Direction from Accident Site:	200°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	30 Miles
Lowest Ceiling:	Overcast / 25000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	200°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	19° C / 3° C
Precipitation and Obscuration:			
Departure Point:	, NC	Type of Flight Plan Filed:	None
Destination:	RALEIGH, NC	Type of Clearance:	None
Departure Time:	1145 CST	Type of Airspace:	Class G

Airport Information

Airport:	HUTCHINSON COUNTY	Runway Surface Type:	Asphalt
Airport Elevation:	3052 ft	Runway Surface Condition:	Dry
Runway Used:	17	IFR Approach:	None
Runway Length/Width:	6300 ft / 100 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	2 Fatal	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 Fatal	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	ARMOND V EDWARDS	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/ .		

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.

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](#).