



National Transportation Safety Board Aviation Accident Data Summary

Location:	SIOUX, SD	Accident Number:	DEN85LA073
Date & Time:	02/01/1985, 1524 CST	Registration:	CFCBT
Aircraft:	CESSNA 180A	Injuries:	4 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

ACFT DEPARTED WINNEPEG AT 1035 AND LANDED AT GRAND FORKS, ND, AT 1150. DEPARTED GRAND FORKS, ND, AT 1305 AND THE ACCIDENT OCCURRED AT 1524. 4 MILES NW OF SIOUX FALLS, SD, THE PLT REPORTED A ROUGH RUNNING ENGINE WHICH SUBSEQUENTLY QUIT. A FORCED LANDING WAS MADE IN A FIELD 2 1/2 MILES NORTH OF SIOUX FALLS. INVESTIGATION REVEALED LITTLE FUEL IN THE TANKS. TTL FUEL CAPACITY WAS 62 GALLONS. THE ACFT BURNS APRX 15 GALLONS/HR AND CONTAINS 10 GALLONS UNUSABLE FUEL.

Probable Cause

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: CRUISE

Findings

1. (C) PREFLIGHT PLANNING/PREPARATION - INACCURATE - PILOT IN COMMAND
2. (C) FUEL CONSUMPTION CALCULATIONS - IMPROPER - PILOT IN COMMAND
3. (C) FLUID,FUEL - EXHAUSTION

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: LANDING

Findings

4. TERRAIN CONDITION - ROUGH/UNEVEN

Pilot Information

Certificate:	Private	Age:	34
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	650 hours (Total, all aircraft), 200 hours (Total, this make and model), 650 hours (Pilot In Command, all aircraft), 13 hours (Last 90 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	CFCBT
Model/Series:	180A 180A	Engines:	1 Reciprocating
Operator:	BEE GEE HOLDINGS	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-470-K
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	FSD, 1000 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	8 knots / , 260°
Temperature:		Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	GRAND FORKS, ND	Destination:	

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	3 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	FRED R WINNINGHAM	Adopted 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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