



National Transportation Safety Board Aviation Accident Data Summary

Location:	GARDEN CITY, KS	Accident Number:	CHI94LA220
Date & Time:	07/01/1994, 2240 CDT	Registration:	N901JM
Aircraft:	CESSNA 182E	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT STATED THAT HE DEPARTED LAWRENCE, KANSAS, AT 1950 CENTRAL DAYLIGHT TIME WITH THE INTENDED DESTINATION OF LAMAR, COLORADO. EN ROUTE HE ELECTED TO LAND AT GARDEN CITY, KANSAS, TO REFUEL. WHILE ATTEMPTING TO LAND AT GARDEN CITY, THE AIRPLANE SUFFERED A TOTAL LOSS OF ENGINE POWER AT APPROXIMATELY 2235, ACCORDING TO THE PILOT. THE PILOT PERFORMED A FORCED LANDING IN A CROP FIELD, WHERE ON LANDING THE AIRPLANE IMPACTED THE ROUGH/UNEVEN TERRAIN. SUBSEQUENT EXAMINATION OF THE AIRPLANE REVEALED ONLY UNUSABLE FUEL REMAINING IN THE TANKS.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: fuel exhaustion for reason or reasons undetermined. A factor was the rough/uneven terrain.

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL
Phase of Operation: APPROACH - VFR PATTERN - DOWNWIND

Findings

1. FLUID,FUEL - EXHAUSTION
2. (C) REASON FOR OCCURRENCE UNDETERMINED

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

3. (F) TERRAIN CONDITION - ROUGH/UNEVEN

Pilot Information

Certificate:	Commercial	Age:	24
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	299 hours (Total, all aircraft), 172 hours (Total, this make and model), 254 hours (Pilot In Command, all aircraft), 82 hours (Last 90 days, all aircraft), 30 hours (Last 30 days, all aircraft), 9 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N901JM
Model/Series:	182E 182E	Engines:	1 Reciprocating
Operator:	HOWES, LARRY G.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-470-R
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	GCK, 2889 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 25000 ft agl	Wind Speed/Gusts, Direction:	15 knots / , 170°
Temperature:	28° C	Visibility	20 Miles
Precipitation and Obscuration:			
Departure Point:	LAWRENCE, KS (LWC)	Destination:	LAMAR, CO (LAA)

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	STEPHEN A WILSON	Adopted Date:	02/14/1995
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 pubin@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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