



National Transportation Safety Board Aviation Accident Data Summary

Location:	SWEET SPRINGS, MO	Accident Number:	MKC88LA013
Date & Time:	11/01/1987, 1910 CST	Registration:	N46094
Aircraft:	CESSNA 172	Injuries:	4 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

DURING A NIGHT CROSS COUNTRY FLIGHT AN EMERGENCY LDG WAS MADE DUE TO COMPLETE POWER FAILURE. PIC SAID HE FAILED TO VISUALLY CHECK FUEL SUPPLY BEFORE DEPARTURE, AND ALSO FAILED TO CHECK WINDS ALOFT, WHICH WERE QUARTERING HEADWINDS, OF TWENTY FIVE KNOTS. POST ACCIDENT INSPECTION REVEALED MINIMAL FUEL, AND NO MECHANICAL COMPONENT FAILURE.

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 - NORMAL

Findings

1. (C) PREFLIGHT PLANNING/PREPARATION - INADEQUATE - PILOT IN COMMAND
2. (C) FLUID,FUEL - EXHAUSTION

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

Findings

3. (F) LIGHT CONDITION - DARK NIGHT

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

Occurrence #4: NOSE OVER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

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:	77 hours (Total, all aircraft), 22 hours (Total, this make and model), 45 hours (Pilot In Command, all aircraft), 45 hours (Last 90 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N46094
Model/Series:	172 172	Engines:	1 Reciprocating
Operator:	HAMILTON AVIATION INC.	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-E3D
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:	MKC, 785 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Overcast / 10000 ft agl	Wind Speed/Gusts, Direction:	11 knots / , 160°
Temperature:	21 °C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	BLOOMINGTON, IN (BMG)	Destination:	GRAIN VALLEY, MO (3GV)

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):	JOHN R HRUBAN	Adopted Date:	02/24/1989
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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