



National Transportation Safety Board Aviation Accident Data Summary

Location:	MARION, IA	Accident Number:	CHI93LA292
Date & Time:	08/01/1993, 2030 CDT	Registration:	N49899
Aircraft:	CESSNA 152	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT REPORTED A LOSS OF POWER FOLLOWING AN ABORTED VFR LANDING APPROACH AT MARION. THE AIRPLANE NOSED OVER DURING THE SUBSEQUENT FORCED LANDING IN A FIELD. EXAMINATION OF THE AIRPLANE SHOWED FUEL IN THE FUEL LINE, BUT ONLY ONE GALLON(TOTAL) WAS DRAINED FROM THE FUEL TANKS. THE AIRPLANE'S OPERATING HANDBOOK LISTS THE UNUSABLE FUEL AS 1.5 GALLONS. NO POSTACCIDENT MECHANICAL ANOMALIES WERE DISCOVERED WITH THE ENGINE OR THE FUEL SYSTEM.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the failure of the pilot to refuel prior to fuel exhaustion.

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL
Phase of Operation: GO-AROUND (VFR)

Findings

1. (C) FLUID,FUEL - EXHAUSTION
2. (C) REFUELING - NOT PERFORMED - PILOT IN COMMAND

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: NOSE OVER

Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Commercial; Private	Age:	43
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	522 hours (Total, all aircraft), 200 hours (Total, this make and model), 399 hours (Pilot In Command, all aircraft), 25 hours (Last 90 days, all aircraft), 20 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N49899
Model/Series:	152 152	Engines:	1 Reciprocating
Operator:	P & N FLIGHT AND CHARTER CORP.	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	On-demand Air Taxi (135)	Engine Model/Series:	O-235-L2CM
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Dusk
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:		Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	HANNIBAL, MO (HAE)	Destination:	

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	JAMES D LA BELLE	Adopted Date:	08/17/1994
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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