



National Transportation Safety Board Aviation Accident Data Summary

Location:	OSHKOSH, WI	Accident Number:	CHI86FA192
Date & Time:	08/01/1986, 1302 CDT	Registration:	N52476
Aircraft:	CESSNA 177RG	Injuries:	4 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE IFR FLT EXPERIENCED AN ENGINE FAILURE DURING THE LANDING APCH TO THE DESTINATION APRT IN OSHKOSH, WI, AND THE PLT DITCHED THE ACFT IN LAKE WINNEBAGO. EXAM OF THE ACFT SHOWED THAT THE ENG FAILED DUE TO FUEL EXHAUSTION. THE PLT REPORTED THERE WERE 60 GALLONS OF FUEL ON BOARD AT TAKEOFF. THE DITCHING OCCURRED 4 HOURS AND 32 MINUTES AFTER TAKEOFF. THE MANUFACTURER'S FUEL CONSUMPTION CALCULATION WAS 10.8 GPH FOR THE ACFT IN CRUISE FLT AT 5,000 FT MSL USING 75 PERCENT POWER WITH THE MIXTURE LEANED TO PROVIDE AN APPROPRIATE FUEL/AIR RATIO.

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: DESCENT - NORMAL

Findings

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

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

Occurrence #3: DITCHING
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Pilot Information

Certificate:	Private	Age:	58
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	784 hours (Total, all aircraft), 550 hours (Total, this make and model), 675 hours (Pilot In Command, all aircraft), 20 hours (Last 90 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N52476
Model/Series:	177RG 177RG	Engines:	1 Reciprocating
Operator:	CHARLES A. BODINE	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-360-A1B6D
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:	OSH, 805 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	8 knots / , 280°
Temperature:	25°C	Visibility	20 Miles
Precipitation and Obscuration:			
Departure Point:	LAKEVILLE, NY (D75)	Destination:	

Airport Information

Airport:	WITTMAN FIELD (OSH)	Runway Surface Type:	Water
Runway Used:	27	Runway Surface Condition:	Water--choppy
Runway Length/Width:	6166 ft / 150 ft		

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): EDWARD J MCAVOY Adopted Date: 01/25/1988

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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