



National Transportation Safety Board Aviation Accident Final Report

Location:	COUNCIL BLUFFS, IA	Accident Number:	MKC85FA031
Date & Time:	12/01/1984, 1245 CST	Registration:	N86120
Aircraft:	AERONCA 11AC	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Serious

Flight Conducted Under: Part 91: General Aviation - Personal

Analysis

THE PLT STATED THAT HE HAD BEEN PRACTICING LANDINGS AND THEN CLIMBED THE ACFT TO 5000 FT ABOVE THE ARPT. HE FLEW AROUND FOR AWHILE TO COOL OFF THE ENG AND THEN HE SHUTDOWN IT DOWN TO PRACTICE RESTARTS. AFTER THE FIRST RESTART THE ENG WAS SHUT DOWN A SECOND TIME. THIS RESTART WAS UNSUCCESSFUL BECAUSE THE PROP HAD STOPPED WINDMILLING AND THIS ACFT WAS NOT EQUIPPED WITH A STARTER. UPON REACHING 2500 FT MSL, THE PLT BEGAN CONCENTRATING ON THE FORCED LANDING. AFTER ONE CIRCLE OVER THE ARPT THE PLT DETERMINED HE WAS STILL TOO HIGH AND MADE A SECOND CIRCLE. DURING THE SECOND CIRCLE, THE WIND, WHICH WAS GUSTING TO 25 KTS, BLEW THE ACFT AWAY FROM THE RWY. THE ACFT COLLIDED WITH A SMALL TREE DURING THE FORCED LANDING.

Probable Cause and Findings

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: MANEUVERING

Findings

1. (C) JUDGMENT - POOR - PILOT IN COMMAND
2. (C) EMERGENCY PROCEDURE - ATTEMPTED - PILOT IN COMMAND
3. REMEDIAL ACTION - ATTEMPTED - PILOT IN COMMAND

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

Findings

4. (C) PLANNED APPROACH - POOR - PILOT IN COMMAND
5. COMPENSATION FOR WIND CONDITIONS - NOT POSSIBLE - PILOT IN COMMAND

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

Findings

6. OBJECT - TREE(S)

Factual Information

Pilot Information

Certificate:	Private	Age:	29, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	09/18/1984
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	166 hours (Total, all aircraft), 14 hours (Total, this make and model), 137 hours (Pilot In Command, all aircraft), 16 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	AERONCA	Registration:	N86120
Model/Series:	11AC 11AC	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	11AC 551
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	04/17/1984, Annual	Certified Max Gross Wt.:	1250 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3700 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	A-65-A
Registered Owner:	GLEN A. BOHLS	Rated Power:	65 hp
Operator:	GLEN A. BOHLS	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Scattered / 8000 ft agl	Visibility	5 Miles
Lowest Ceiling:	Overcast / 25000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	15 knots / 25 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	130°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	3°C / -1°C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1130 CST	Type of Airspace:	Class B

Airport Information

Airport:	COUNCIL BLUFFS (CBF)	Runway Surface Type:	
Airport Elevation:	0 ft	Runway Surface Condition:	
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	Forced Landing

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	ROBERT D JOHNSON	Report Date:	
Additional Participating Persons:			
Publish 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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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).