



National Transportation Safety Board Aviation Accident Final Report

Location:	CREVE COEUR, MO	Accident Number:	MKC87LA071
Date & Time:	04/01/1987, 1140 CST	Registration:	N89316
Aircraft:	CESSNA 140	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None

Flight Conducted Under: Part 91: General Aviation - Personal

Analysis

THE PIC WAS PRACTICING LANDINGS IN GUSTY CROSSWIND CONDITIONS. PIC LANDED LONG, AND AFTER ROLLING A SHORT DISTANCE, PERCEIVED THAT THE WIND DIRECTION HAD CHANGED. THE PIC STATED THAT THIS NEW WIND DIRECTION WAS NOW MORE OF A TAILWIND. THE PIC DID NOT SELECT A GO-AROUND AND MAINTAINED DIRECTIONAL CONTROL UNTIL RUNNING OFF THE END OF THE RUNWAY. THE AIRCRAFT ENCOUNTERED SOFT TERRAIN AND NOSED OVER INVERTED. WEATHER OBSERVATION FROM A NEARBY FSS RECORDED NO WIND CHANGE NEAR THE TIME OF THE ACCIDENT.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: ON GROUND/WATER ENCOUNTER WITH WEATHER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (F) GO-AROUND - NOT SELECTED - PILOT IN COMMAND
3. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
4. (F) ALL AVAILABLE RUNWAY - NOT USED - PILOT IN COMMAND
5. (C) PROPER TOUCHDOWN POINT - NOT ATTAINED - PILOT IN COMMAND

Occurrence #2: NOSE OVER
Phase of Operation: TAKEOFF - ROLL/RUN

Factual Information

Pilot Information

Certificate:	Private	Age:	63, 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 3 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	05/01/1985
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	286 hours (Total, all aircraft), 73 hours (Total, this make and model), 7 hours (Pilot In Command, all aircraft), 20 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N89316
Model/Series:	140 140	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	8344
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	12/18/1986, Annual	Certified Max Gross Wt.:	1500 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2144 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	85-12F
Registered Owner:	GEORGE BENSON M.D.	Rated Power:	85 hp
Operator:	GEORGE ABNER BENSON	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	SUS, 461 ft msl	Distance from Accident Site:	8 Nautical Miles
Observation Time:	1154 CST	Direction from Accident Site:	243°
Lowest Cloud Condition:	Scattered / 12000 ft agl	Visibility	15 Miles
Lowest Ceiling:	Broken / 25000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	15 knots / 22 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	250°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	17° C / 1° C
Precipitation and Obscuration:			
Departure Point:	CREVE COEUR, MO (1HO)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1100 CST	Type of Airspace:	Class G

Airport Information

Airport:	CREVE COEUR (1HO)	Runway Surface Type:	Asphalt; Grass/turf
Airport Elevation:	445 ft	Runway Surface Condition:	Dry
Runway Used:	34	IFR Approach:	None
Runway Length/Width:	2825 ft / 160 ft	VFR Approach/Landing:	Touch and Go; Traffic Pattern

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	CLINT THORPE	Report Date:	05/09/1988
Additional Participating Persons:	NEIL POWERS; ST LOUIS, MI		
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](#).