



National Transportation Safety Board Aviation Accident Data Summary

Location:	CREVE COEUR, MO	Accident Number:	MKC87LA071
Date & Time:	04/01/1987, 1140 CST	Registration:	N89316
Aircraft:	CESSNA 140	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

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

Pilot Information

Certificate:	Private	Age:	63
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
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	Engines:	1 Reciprocating
Operator:	GEORGE ABNER BENSON	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	85-12F
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:	SUS, 461 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 25000 ft agl	Wind Speed/Gusts, Direction:	15 knots / 22 knots, 250°
Temperature:	17° C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	CREVE COEUR, MO (1HO)	Destination:	

Airport Information

Airport:	CREVE COEUR (1HO)	Runway Surface Type:	Asphalt; Grass/turf
Runway Used:	34	Runway Surface Condition:	Dry
Runway Length/Width:	2825 ft / 160 ft		

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
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	CLINT THORPE	Adopted Date:	05/09/1988
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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