



National Transportation Safety Board Aviation Accident Data Summary

Location:	GRAIN VALLEY, MO	Accident Number:	MKC87LA053
Date & Time:	03/01/1987, 1015 CST	Registration:	N6001M
Aircraft:	BEECH C23	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PLT REPORTED THAT THE PREFLIGHT ENG RUN-UP WAS SATISFACTORY. SHORTLY AFTER TAKEOFF, THE ENG FAULTERED BRIEFLY AND THE PLT ATTEMPTED A LANDING BACK ON THE RWY. UPON ESTABLISHING A POINT TO LAND, THE ENG RESPONDED AND THE ACFT OVERSHOT THE INTENDED LANDING AREA. THE ENG FAULTERED ONCE AGAIN AND THE PLT WAS ABLE TO MAKE A FORCED LANDING IN AN OPEN FIELD JUST OFF THE DEPARTURE END OF THE RWY. INSPECTION OF THE ENG AFTER SEVERAL ATTEMPTS TO DUPLICATE THE ENG MALFUNCTION FAILED TO PROVIDE EVIDENCE THAT WOULD CONCLUSIVELY DETERMINE WHAT CAUSED THE FAILURE.

Probable Cause

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

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings
1. (C) REASON FOR OCCURRENCE UNDETERMINED

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

Findings
2. (C) ABORTED TAKEOFF - IMPROPER - PILOT IN COMMAND
3. (C) THROTTLE/POWER CONTROL - IMPROPER USE OF - PILOT IN COMMAND

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Findings
4. TERRAIN CONDITION - GROUND

Pilot Information

Certificate:	Private	Age:	22
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	231 hours (Total, all aircraft), 1 hours (Total, this make and model), 170 hours (Pilot In Command, all aircraft), 43 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N6001M
Model/Series:	C23 C23	Engines:	1 Reciprocating
Operator:	HAMILTON AVIATION	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-360-A4K
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:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	Overcast / 3000 ft agl	Wind Speed/Gusts, Direction:	10 knots / , 270°
Temperature:		Visibility	3 Miles
Precipitation and Obscuration:			
Departure Point:	GRAIN VALLEY, MO	Destination:	

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:	03/10/1988
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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