



National Transportation Safety Board Aviation Accident Data Summary

Location:	BLAKESBURG, IA	Accident Number:	CHI97LA275
Date & Time:	09/01/1997, 1035 CDT	Registration:	N131G
Aircraft:	Bucker Flugzeugbau JUNGSMANN	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported the '...engine suffered [a] dramatic loss of power...' about 10 minutes after takeoff. He said he could not restart the engine and made a forced landing in the '...best available field... .' The airplane collided with a power line during its final approach and nosed onto the ground. The on-site examination revealed no mechanical anomalies with the airframe or engine that would prevent flight. Fuel was found in the engine's fuel lines and fuel injection pump. About a teaspoon of water was found in the gascolator. Water was not found in the fuel lines or injector manifold. Attempts to have the fuel injection pump examined at the manufacturer in the Czech Republic, with the Federal Aviation Administration's assistance was made. The FAA was unable to participate because the engine is not certificated under the FAA's regulations. The Czech Civil Aviation Authority and engine manufacturer examined the fuel injection pump. The examination revealed the pump operated within the manufacturer's specifications.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
Loss of engine power for undetermined reasons.

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: CRUISE

Findings

1. POWERPLANT - FAILURE, TOTAL
2. (C) REASON FOR OCCURRENCE UNDETERMINED

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

Occurrence #3: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: EMERGENCY LANDING

Findings

3. OBJECT - WIRE, TRANSMISSION

Occurrence #4: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Findings

4. TERRAIN CONDITION - GROUND

Pilot Information

Certificate:	Commercial	Age:	47
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	Glider	Instructor Rating(s):	None
Flight Time:	1206 hours (Total, all aircraft), 180 hours (Total, this make and model), 1136 hours (Pilot In Command, all aircraft), 13 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Bucker Flugzeugbau	Registration:	N131G
Model/Series:	JUNGMANN JUNGMANN	Engines:	1 Reciprocating
Operator:	EUGENE S. SPAINHOUR	Engine Manufacturer:	LOM
Operating Certificate(s) Held:	None	Engine Model/Series:	M332AK
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:	OTM, 845 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 1000 ft agl	Wind Speed/Gusts, Direction:	6 knots / , 170°
Temperature:		Visibility	3 Miles
Precipitation and Obscuration:			
Departure Point:	(5C2)	Destination:	(5C2)

Wreckage and Impact Information

Crew Injuries:	1 Minor	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): FRANK S GATTOLIN Adopted Date: 04/15/1999

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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