



National Transportation Safety Board Aviation Accident Data Summary

Location:	HIGHMORE, SD	Accident Number:	CHI98LA118
Date & Time:	04/03/1998, 0910 CST	Registration:	N1008T
Aircraft:	Air Tractor AT-401	Injuries:	1 None
Flight Conducted Under:	Part 137: Agricultural		

Analysis

The pilot reported that during the takeoff roll he noticed the airplane was not accelerating normally. He reported that he checked the manifold pressure and RPM's, and that the RPM's were low. He checked the propeller control at full forward. The pilot reported that he veered to the right to avoid a highway at the end of the runway. The airplane went through a fence and into a pasture, breaking the left landing gear as it slid to a stop. The airplane was inspected. The engine was started and run to approximately 1,800 RPM and the operation appeared normal. A small amount of water was drained from the right fuel cell.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot failed to abort the takeoff in a timely manner and could not stop on the runway.

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. POWERPLANT - UNDETERMINED
 2. FUEL SYSTEM - CONTAMINATION, WATER
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

3. TERRAIN CONDITION - SOFT
4. (C) ABORTED TAKEOFF - IMPROPER - PILOT IN COMMAND

Pilot Information

Certificate:	Commercial	Age:	39
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine
Flight Time:	12500 hours (Total, all aircraft), 3000 hours (Total, this make and model), 12200 hours (Pilot In Command, all aircraft), 100 hours (Last 90 days, all aircraft), 40 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Air Tractor	Registration:	N1008T
Model/Series:	AT-401 AT-401	Engines:	1 Reciprocating
Operator:	KRECHARD KROEPLIN L.L.C.	Engine Manufacturer:	P&W
Operating Certificate(s) Held:	None	Engine Model/Series:	R-1340
Flight Conducted Under:	Part 137: Agricultural		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	PIR, 1734 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	4 knots / , 60°
Temperature:	8° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	(9D0)	Destination:	

Airport Information

Airport:	HIGHMORE MUNICIPAL (9D0)	Runway Surface Type:	Grass/turf
Runway Used:	12	Runway Surface Condition:	Soft
Runway Length/Width:	2800 ft / 100 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): JIM SILLIMAN Adopted Date: 05/19/1999

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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