



National Transportation Safety Board Aviation Accident Data Summary

Location:	Gonvick, MN	Accident Number:	CHI06LA147
Date & Time:	06/02/2006, 1115 CDT	Registration:	N600T
Aircraft:	Allied Ag Cat Productions G-164A	Injuries:	1 Minor
Flight Conducted Under:	Part 137: Agricultural		

Analysis

The aerial application airplane overran the runway into a field during takeoff. According to the Federal Aviation Administration inspector, the pilot stated that he never reduced the throttle in an attempt to abort the takeoff from runway 11 (2,000 feet by 75, grass), which was dry and mowed at the time of the accident. The pilot stated that he thought the engine was not developing full power because it used up the entire runway length in the takeoff attempt. The airplane was powered by a Pratt & Whitney, R-1340-AN1, serial number 31239 engine. No subsequent engine anomalies were reported.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The aborted takeoff not performed by the pilot. A contributing factor is the reported loss of takeoff performance.

Findings

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

Findings

1. (F) AIRCRAFT PERFORMANCE, TAKEOFF CAPABILITY - REDUCED
2. (C) EMERGENCY PROCEDURE - NOT PERFORMED - PILOT IN COMMAND

Occurrence #2: OVERRUN
Phase of Operation: TAKEOFF

Occurrence #3: NOSE OVER
Phase of Operation: TAKEOFF

Occurrence #4: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: TAKEOFF

Findings

3. TERRAIN CONDITION - GROUND

Pilot Information

Certificate:	Commercial	Age:	36
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	1500 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Allied Ag Cat Productions	Registration:	N600T
Model/Series:	G-164A	Engines:	1 Reciprocating
Operator:	Cory Carlson	Engine Manufacturer:	Pratt & Whitney
Air Carrier Operating Certificate:		Engine Model/Series:	R-1340-AN1
Flight Conducted Under:	Part 137: Agricultural		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	FSE, 1277 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	
Temperature:	26°C / 6°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Gonvick, MN (MY42)	Destination:	Gonvick, MN (MY42)

Airport Information

Airport:	Mathis Airport (MY42)	Runway Surface Type:	Grass/turf
Runway Used:	11	Runway Surface Condition:	Dry
Runway Length/Width:	2000 ft / 65 ft		

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

Administrative Information

Investigator In Charge (IIC):	Mitchell F Gallo	Adopted Date:	12/20/2007
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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