



National Transportation Safety Board Aviation Accident Data Summary

Location:	Rochelle, IL	Accident Number:	GAA18CA401
Date & Time:	07/05/2018, 1500 CDT	Registration:	N6795Q
Aircraft:	Grumman G164	Injuries:	1 None
Flight Conducted Under:	Part 137: Agricultural		

Analysis

The pilot of the turbine-powered airplane reported that, during takeoff for an agricultural application flight, he failed to move the power lever from the ground idle position to the flight position. During takeoff, the airplane did not attain sufficient airspeed, aerodynamically stalled about 50 ft above the ground, impacted terrain, and came to rest inverted.

The airplane sustained substantial damage to the fuselage, both wings, and the empennage.

The pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operation.

Flight Events

Takeoff - Miscellaneous/other
Takeoff - Aerodynamic stall/spin
Landing - Roll over

Probable Cause

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

The pilot's failure to move the power lever to the proper position before takeoff, which resulted in insufficient airspeed and a subsequent aerodynamic stall.

Findings

Aircraft-Aircraft power plant-Engine controls-Power lever-Incorrect use/operation - C
Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Airspeed-Not attained/maintained - C

Personnel issues-Action/decision-Action-Lack of action-Pilot - C

Personnel issues-Task performance-Use of equip/info-Use of equip/system-Pilot - C

Personnel issues-Psychological-Attention/monitoring-Monitoring equip/instruments-Pilot - C

Pilot Information

Certificate:	Commercial	Age:	20
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	(Estimated) 849 hours (Total, all aircraft), 10 hours (Total, this make and model), 700 hours (Pilot In Command, all aircraft), 150 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Grumman	Registration:	N6795Q
Model/Series:	G164 B	Engines:	1 Turbo Prop
Operator:	Hendrickson Flying Service Inc	Engine Manufacturer:	Honeywell
Operating Certificate(s) Held:	Agricultural Aircraft (137)	Engine Model/Series:	Garrett
Flight Conducted Under:	Part 137: Agricultural		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KRPJ, 781 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 9000 ft agl	Wind Speed/Gusts, Direction:	7 knots / , 340°
Temperature:	31° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Rochelle, IL (IL93)	Destination:	Rochelle, IL (IL93)

Airport Information

Airport:	HENDRICKSON FLYING SERVICE (IL93)	Runway Surface Type:	Grass/turf
Runway Used:	S	Runway Surface Condition:	Dry; Vegetation
Runway Length/Width:	2800 ft / 200 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:	41.943889, -88.924444 (est)		

Administrative Information

Investigator In Charge (IIC):	Kathryn R Benhoff	Adopted Date:	03/18/2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=97698		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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