



Aviation Investigation Final Report

Location:	Blanchester, Ohio	Accident Number:	GAA16CA391
Date & Time:	July 20, 2016, 16:00 Local	Registration:	N526TC
Aircraft:	DIAMOND AIRCRAFT IND GMBH HK 36	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot of a powered glider reported that during the landing roll on a narrow grass airstrip, the glider veered to the left of centerline. He attempted to correct for the veer with right rudder input, but was unsuccessful. The left main landing gear traveled over a slope in the runway [crown for drainage purposes] and the left wing impacted corn stalks. The glider spun to the left and slid down the drainage area into the corn field.

The glider sustained substantial damage to the fuselage.

The pilot reported no preaccident mechanical malfunctions or failures with the powered glider that would have precluded normal operation.

Probable Cause and Findings

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

The pilot's failure to maintain directional control of the powered glider during the landing roll.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	(general) - Contributed to outcome
Environmental issues	Sloped/uneven terrain - Contributed to outcome

Factual Information

History of Flight

Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Runway excursion
Landing-landing roll	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	71, Male
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	Glider	Restraint Used:	4-point
Instrument Rating(s):	None	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	None None	Last FAA Medical Exam:	
Occupational Pilot:	No	Last Flight Review or Equivalent:	November 19, 2011
Flight Time:	135.1 hours (Total, all aircraft)		

Flight instructor Information

Certificate:	Airline transport	Age:	41, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land	Seat Occupied:	Right
Other Aircraft Rating(s):	Glider	Restraint Used:	4-point
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane single-engine; Glider; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 1 Without waivers/limitations	Last FAA Medical Exam:	March 17, 2016
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	DIAMOND AIRCRAFT IND GMBH	Registration:	N526TC
Model/Series:	HK 36 TC	Aircraft Category:	Glider
Year of Manufacture:	1998	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	36626
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	March 25, 2016 Annual	Certified Max Gross Wt.:	1653 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2390 Hrs	Engine Manufacturer:	Rotax
ELT:	Installed, not activated	Engine Model/Series:	912A3
Registered Owner:	EASTERN CINCINNATI AVIATION INC.	Rated Power:	80 Horsepower
Operator:	EASTERN CINCINNATI AVIATION INC.	Operating Certificate(s) Held:	Pilot school (141)

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KILN,1077 ft msl	Distance from Accident Site:	16 Nautical Miles
Observation Time:	19:54 Local	Direction from Accident Site:	35°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	100°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.2 inches Hg	Temperature/Dew Point:	30°C / 17°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	BATAVIA, OH (I69)	Type of Flight Plan Filed:	None
Destination:	Blanchester, OH (N/A)	Type of Clearance:	None
Departure Time:	15:00 Local	Type of Airspace:	Class G

Airport Information

Airport:	Private grass strip N/A	Runway Surface Type:	Grass/turf
Airport Elevation:	900 ft msl	Runway Surface Condition:	Dry
Runway Used:	30	IFR Approach:	None
Runway Length/Width:	3000 ft / 100 ft	VFR Approach/Landing:	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	39.206665,-84.018333(est)

Administrative Information

Investigator In Charge (IIC):	Vanover, Jackie
Additional Participating Persons:	Erin Cappel; FAA; Cincinnati, OH
Original Publish Date:	December 5, 2016
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=93686

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