



Aviation Investigation Final Report

Location:	Walworth, Wisconsin	Accident Number:	CHI08LA288
Date & Time:	August 31, 2008, 08:30 Local	Registration:	N1005W
Aircraft:	FANTASY AIR SRO ALLEGRO 20	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that during landing, after touchdown and rolling about 40 to 50 feet, the airplane suddenly veered to the left. He said that he was unable to correct before the left wing struck the corn along the runway. The airplane spun about 180 degrees. During the encounter, the right main landing gear broke about half way between the wheel and the intersection of the landing gear and fuselage. Examination of the airplane after the accident revealed damage to both wings including damage to underlying ribs, the right landing gear, and the lower portion of the rudder. Control system continuity was established and no preimpact defects were found. Examination of the grass runway revealed no defects in the runway surface.

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 during landing.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot

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)

On August 31, 2008, about 0830 central daylight time, a Fantasy Air SRO, Allegro 2000, N1005W, piloted by a student pilot, sustained substantial damage during landing. The airplane impacted corn after departing the runway at the Big Foot Airfield, Walworth, Wisconsin. The personal 14 CFR Part 91 flight was operated in visual meteorological conditions without a flight plan. The pilot was not injured. The flight originated from the Dupage Airport, West Chicago, Illinois about 0800.

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Examination of the airplane after the accident revealed damage to both wings including damage to underlying ribs, the right landing gear, and the lower portion of the rudder. Control system continuity was established and no preimpact defects were found. Examination of the grass runway revealed no defects in the runway surface.

Pilot Information

Certificate:	Student	Age:	47, Male
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Sport pilot	Last FAA Medical Exam:	
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	85 hours (Total, all aircraft), 85 hours (Total, this make and model), 25 hours (Pilot In Command, all aircraft), 25 hours (Last 90 days, all aircraft), 14 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	FANTASY AIR SRO	Registration:	N1005W
Model/Series:	ALLEGRO 20	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Special light-sport (Special)	Serial Number:	04-710
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	August 18, 2008 Annual	Certified Max Gross Wt.:	1232 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	668 Hrs as of last inspection	Engine Manufacturer:	ROTAX
ELT:	Installed, not activated	Engine Model/Series:	912
Registered Owner:	On file	Rated Power:	80 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	JVL,808 ft msl	Distance from Accident Site:	17 Nautical Miles
Observation Time:	08:45 Local	Direction from Accident Site:	270°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	3 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.18 inches Hg	Temperature/Dew Point:	22°C / 18°C
Precipitation and Obscuration:			
Departure Point:	West Chicago, IL (DPA)	Type of Flight Plan Filed:	None
Destination:	Walworth, WI (7V3)	Type of Clearance:	None
Departure Time:	08:00 Local	Type of Airspace:	

Airport Information

Airport:	Big Foot Airfield 7V3	Runway Surface Type:	Grass/turf
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	36	IFR Approach:	None
Runway Length/Width:	2108 ft / 100 ft	VFR Approach/Landing:	Traffic pattern

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
Total Injuries:	1 None	Latitude, Longitude:	42.525554,-88.653053

Administrative Information

Investigator In Charge (IIC):	Brannen, John
Additional Participating Persons:	Darrell McCullion; FAA-Milwaukee FSDO; Milwaukee, WI
Original Publish Date:	May 6, 2009
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=68956

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