



National Transportation Safety Board Aviation Accident Final Report

Location:	Hampshire, IL	Accident Number:	CEN13CA573
Date & Time:	09/02/2013, 1625 CDT	Registration:	N2668H
Aircraft:	SCHWEIZER SGS 2 33A	Aircraft Damage:	Substantial
Defining Event:	Loss of lift	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The student pilot reported his glider was about one mile from his destination airport and thought he had enough altitude to make the field, but then he encountered a sink rate. He realized that he would not be able to clear power lines at the edge of the runway so the student pilot decided to make an off field landing in a large open field bordered by several obstructions. During the landing the right wing struck a small tree when the glider was still several feet above ground. The glider landed abruptly and the impact resulted in substantial damage to the right wing. The student pilot added that the accident could have been prevented if he had earlier recognized the need to land out and if he had prepared for the event at a higher altitude.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The student pilot's inadequate compensation for landing area conditions during an off-airport landing which resulted in a collision with an obstruction.

Findings

Personnel issues	Delayed action - Student pilot (Cause) Monitoring environment - Student pilot (Cause)
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Factual Information

History of Flight

Approach	Loss of lift (Defining event)
Landing	Off-field or emergency landing Collision with terr/obj (non-CFIT)

Student Pilot Information

Certificate:	Student	Age:	51
Airplane Rating(s):	None	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	None None	Last Medical Exam:	
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	08/03/2013
Flight Time:	8 hours (Total, all aircraft), 7 hours (Total, this make and model), 2 hours (Pilot In Command, all aircraft), 4 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	SCHWEIZER	Registration:	N2668H
Model/Series:	SGS 2 33A UNDESIGNAT	Aircraft Category:	Glider
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Utility	Serial Number:	438
Landing Gear Type:	Tandem	Seats:	2
Date/Type of Last Inspection:	07/01/2013, Annual	Certified Max Gross Wt.:	1040 lbs
Time Since Last Inspection:		Engines:	0 None
Airframe Total Time:		Engine Manufacturer:	
ELT:	Not installed	Engine Model/Series:	
Registered Owner:	SKY SOARING INC	Rated Power:	
Operator:	On file	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KDKB, 915 ft msl	Observation Time:	1435 CDT
Distance from Accident Site:	15 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	214°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	23° C / 19° C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	10 knots/ 16 knots, 310°	Visibility (RVR):	
Altimeter Setting:	29.96 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Hampshire, IL (55LL)	Type of Flight Plan Filed:	None
Destination:	Hampshire, IL (55LL)	Type of Clearance:	None
Departure Time:	1602 CDT	Type of Airspace:	Class G

Airport Information

Airport:	SKY SOARING (55LL)	Runway Surface Type:	Grass/turf
Airport Elevation:	884 ft	Runway Surface Condition:	Dry
Runway Used:	27	IFR Approach:	None
Runway Length/Width:	3000 ft / 100 ft	VFR Approach/Landing:	Forced Landing

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		

Administrative Information

Investigator In Charge (IIC):	Thomas Latson	Adopted Date:	02/03/2014
Additional Participating Persons:	Helen Knight; FAA DuPage FSDO; West Chicago, IL		
Publish Date:	02/03/2014		
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=88364		

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