



Aviation Investigation Final Report

Location:	Uvalde, Texas	Accident Number:	CEN12CA548
Date & Time:	August 10, 2012, 13:05 Local	Registration:	OK-2227
Aircraft:	Schleicher ASW22	Aircraft Damage:	Substantial
Defining Event:	Miscellaneous/other	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

Using the taxiway as the runway, the pilot of the self-launching motor glider began the takeoff; however, the glider did not gain sufficient airspeed to depart. The pilot elected to continue the ground roll to an overrun area in order to give room for other gliders to depart. The glider impacted a drainage ditch, which resulted in substantial damage to the bulkhead and structural mounts for the landing gear. On this type of glider, the wheel braking system is engaged by fully extending the airbrakes. The pilot reported that, after using the wheel brakes during engine start, he may not have fully retracted and stowed the airbrakes before initiating the takeoff.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot did not fully stow the glider’s airbrakes, which prevented the glider from obtaining adequate airspeed during the takeoff roll.

Findings

Aircraft	Spoilers - Unintentional use/operation
Personnel issues	Use of equip/system - Pilot

Factual Information

History of Flight

Standing-engine(s) operating	Miscellaneous/other (Defining event)
Takeoff-rejected takeoff	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Foreign; Private	Age:	52, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	
Other Aircraft Rating(s):	Glider	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	Glider	Toxicology Performed:	No
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	February 1, 2012
Occupational Pilot:		Last Flight Review or Equivalent:	November 19, 2011
Flight Time:	(Estimated) 8149 hours (Total, all aircraft), 999 hours (Total, this make and model), 7987 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Schleicher	Registration:	OK-2227
Model/Series:	ASW22 BLE	Aircraft Category:	Glider
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Special flight (Special)	Serial Number:	22082
Landing Gear Type:	Retractable - Tailwheel	Seats:	
Date/Type of Last Inspection:	January 20, 2012 Annual	Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1379 Hrs at time of accident	Engine Manufacturer:	Wankel
ELT:	C126 installed, not activated	Engine Model/Series:	
Registered Owner:	Leteche Sportovni Centrum AeCR	Rated Power:	50 Horsepower
Operator:	Leteche Sportovni Centrum AeCR	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KUVA	Distance from Accident Site:	
Observation Time:	12:15 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/ None	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.96 inches Hg	Temperature/Dew Point:	35°C / 19°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Uvalde, TX (KUVA)	Type of Flight Plan Filed:	Unknown
Destination:	Uvalde, TX (KUVA)	Type of Clearance:	None
Departure Time:		Type of Airspace:	

Airport Information

Airport:	Garner Field KUVA	Runway Surface Type:	
Airport Elevation:		Runway Surface Condition:	
Runway Used:		IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	29.211389,-99.743614(est)

Administrative Information

Investigator In Charge (IIC):	Hatch, Craig
Additional Participating Persons:	Carlos F Gallardo; FAA FSDO; San Antonio, TX William J Fitzgerald; FAA FSDO; Lubbock, TX
Original Publish Date:	October 9, 2012
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=84692

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