



Aviation Investigation Final Report

Location:	Clermont, Florida	Accident Number:	ERA09CA525
Date & Time:	September 17, 2009, 10:25 Local	Registration:	N308BG
Aircraft:	BURKHART GROB G-103A TWI	Aircraft Damage:	Substantial
Defining Event:	Dragged wing/rotor/float/other	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Instructional		

Analysis

The certificated flight instructor and his student were on approach, in a glider. The student was attempting to make a no-airbrake landing. While on approach, the student was using a forward slip to correct the altitude. The instructor reported that his student’s aggressive control inputs made the aircraft too slow and too low to reach the airfield. The instructor took over the controls and decided to make an off-field landing. While landing, the glider’s right wing impacted tall grass. The flight instructor reported that the aircraft ground looped to the right causing substantial damage to the rudder and empennage. Neither the flight instructor nor the student reported any mechanical failures or malfunctions of the airplane.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The flight instructor's delayed remedial action resulting in an off-airfield landing and ground loop.

Findings

Personnel issues	Delayed action - Instructor/check pilot
Aircraft	Descent rate - Incorrect use/operation
Personnel issues	Aircraft control - Not specified

Factual Information

History of Flight

Landing	Landing area undershoot
Landing	Off-field or emergency landing
Landing	Dragged wing/rotor/float/other (Defining event)

Flight instructor Information

Certificate:	Commercial; Flight instructor; Foreign	Age:	42, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land; Multi-engine sea	Seat Occupied:	Rear
Other Aircraft Rating(s):	Glider; Helicopter	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine; Glider; Helicopter; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 1 Without waivers/limitations	Last FAA Medical Exam:	July 12, 2009
Occupational Pilot:	No	Last Flight Review or Equivalent:	September 29, 2007
Flight Time:	(Estimated) 7310 hours (Total, all aircraft), 1000 hours (Total, this make and model), 4804 hours (Pilot In Command, all aircraft), 250 hours (Last 90 days, all aircraft), 175 hours (Last 30 days, all aircraft)		

Student pilot Information

Certificate:	Student	Age:	19, Male
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 With waivers/limitations	Last FAA Medical Exam:	September 5, 2009
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 27 hours (Total, all aircraft), 27 hours (Total, this make and model), 5 hours (Pilot In Command, all aircraft), 15 hours (Last 90 days, all aircraft), 15 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BURKHART GROB	Registration:	N308BG
Model/Series:	G-103A TWI	Aircraft Category:	Glider
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Utility	Serial Number:	34033-K-265
Landing Gear Type:	Unknown	Seats:	2
Date/Type of Last Inspection:	April 1, 2009 Annual	Certified Max Gross Wt.:	12499 lbs
Time Since Last Inspection:		Engines:	0
Airframe Total Time:	4885 Hrs at time of accident	Engine Manufacturer:	
ELT:	Not installed	Engine Model/Series:	
Registered Owner:	SEMINOLE FLYING & SOARING INC	Rated Power:	
Operator:	SEMINOLE FLYING & SOARING INC	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KGIF, 145 ft msl	Distance from Accident Site:	21 Nautical Miles
Observation Time:	13:53 Local	Direction from Accident Site:	180°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	130°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.02 inches Hg	Temperature/Dew Point:	29°C / 22°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Clermont, FL (6FLO)	Type of Flight Plan Filed:	Unknown
Destination:	Clermont, FL (6FLO)	Type of Clearance:	Unknown
Departure Time:		Type of Airspace:	

Airport Information

Airport:	Seminole Lake Gliderport 6FL0	Runway Surface Type:	Grass/turf
Airport Elevation:	120 ft msl	Runway Surface Condition:	Vegetation
Runway Used:	18	IFR Approach:	Unknown
Runway Length/Width:	3000 ft / 50 ft	VFR Approach/Landing:	Traffic pattern;Valley/terrain following

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:	28.405834,-81.840835(est)

Administrative Information

Investigator In Charge (IIC):	Wilson, Ralph
Additional Participating Persons:	Larry Enlow; FAA/FSDO; Orlando, FL
Original Publish Date:	December 29, 2009
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=74753

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