

## BRGC Gliding Syllabus Training Progress Card (Feb24)



Where pre-solo exercises are deferred to post-solo, that deferral should be documented eg in the pilots logbook.

Exercise	Brief	Taught		Attempt			Satisfactory	
	Name	Date	Name	A	B	C	Date	Name

Steeper turns								
Flying in strong winds								
Flying with a significant crosswind								
Flying without an ASI								
Cross-country tows (eg level)								
Sideslipping								
Obtaining and interpreting NOTAMs								
Daily inspection including positive control check and recording								
ARC, annual maintenance validity, and insurance documentation								
Post rigging checks and recording								

Briefings to be completed pre-solo	Date	Signed by
Gliders – main features		
Glider instruments		
Driving of vehicles on airfield		
Aerotowing		
Winching		
Principles of flight		
Stalling & Spinning		
Circuit planning		
Thermal centring / airmanship		
Ridge Soaring / airmanship		
Log keeping		
Use of radio		

I agree that BRGC can retain this document for the purpose of recording glider pilot training

Name		Signature	
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Student Pilot Name: .....

BRGC safety brief including airfield operations, clubhouse, hangar, railway crossing and welfare facilities								
Introductory brief of the training glider, its controls and instrumentation, access, normal & emergency access, egress (including emergency) and use of parachute								
Ground handling including towing, parking, storage & canopy handling/car								
Pre-Flight Walk round Check ( <b>ABCDE</b> )								
Pre-Flight Checks ( <b>CBSIFTBEC</b> )								
Lookout								
Effect of Controls								
Speed control								
Aileron drag (adverse yaw)								Demonstration
Turning with correct Aileron and Rudder Coordination								
Use of Trimmer								
Straight glide and scan cycle & Maintaining Direction								
Effect of airbrake								
Approach control:								
a) Normal Airbrake/elevator Coordination								
b) Overshoot & Undershoot								
Landing								

### Circuit planning:

Normal circuit ( <b>WULF</b> )								
Zig Zag circuit								Demonstration
Circuit modified because too high								
Circuit modified due to lack of height involving changing landing area								
Circuit modified due to lack of height involving changing landing direction								
Circuit without altimeter								

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### Stalling:

HASSLL checks									
Stall warnings:									
a) Attitude									
b) Reducing airspeed									
c) Changing airflow noises									
d) Buffet									
e) Stick position									
f) Changing effect of ailerons & rudder									
Stall Symptoms:									
a) Lack of effect of elevator									
b) Marked nose drop									
c) Stalling without nose drop (mushing)									
Steep stall									
Stall speed increase in a turn									
Higher speed stall									
Reduced 'G' not always stall symptom and no negative reaction to reduced 'G'									
Stall with wing drop (approx. to 45 degrees)									

### Spinning:

BGA safe spinning info	BGA online learning <a href="https://members.glliding.co.uk/bga-safety-management/stall-and-spin-avoidance/">https://members.glliding.co.uk/bga-safety-management/stall-and-spin-avoidance/</a>								
Changing effect of rudder at/near the stall									
Spiral dive and recovery									
Recognition of entry into, and the correct recovery from, a fully developed spin (possibly deferred to post solo dependent on available spinning glider)									
Recognition and recovery of stall with wing drop (45 degrees) and associated yaw:									
- from a steep or thermal turn									
- from a simulated wire launch failure									Demonstration

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### Winch Launching:

Normal launch									
BGA safe winching info & quiz	BGA online learning & quiz <a href="https://members.glliding.co.uk/bga-safety-management/safe-winching/">https://members.glliding.co.uk/bga-safety-management/safe-winching/</a>								
Launch Failure Eventualities Pre-Flight self-briefing for the conditions and locality									
Med/low break - straight ahead landing									
"Awkward" height cable break									
High cable break for short circuit									
Low break <50 ft glider not in full climb									Demonstration
Too fast signal/abandonment									
Gradual winch power failure									

### Aerotowing:

Ground roll and transition to tow									
Lateral instability on tow									
Release									
Maintaining position on tow									
Recovery from out of position & boxing slipstream									
BGA safe aero-towing info	BGA online information <a href="https://members.glliding.co.uk/bga-safety-management/safe-aerotowing/">https://members.glliding.co.uk/bga-safety-management/safe-aerotowing/</a>								
Launch failures (eg using motor glider)									
Aerotow signals – to and from the tug									

### Pre-first solo essentials:

Rules of the air and airspace knowledge assessed. Medical status confirmed. Student pilot confirmed training completed and understood	Student pilot signature:								
First solo									