

BGA Gliding Syllabus Training Progress Card (July 23)

This card provides a working breakdown of the exercises described in the BGA gliding syllabus excluding navigation & field landing

A copy of the recorded training should be held by the club that delivers the training.

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

Student Pilot Name:

Exercise	Brief	Taught		Attempt			Satisfactory	
	Name	Date	Name	C	B	A	Date	Name
Club health and safety brief including airfield operations, clubhouse, hangar, 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/care								
Pre-Flight Walkround Check (eg ABCD)								
Pre-Flight Checks								
Lookout								
Effect of Elevator								
Effect of Ailerons								
Effect of Rudder								
Speed control								
Aileron drag (adverse yaw)								
Aileron and Rudder Coordination								
Turning								
Use of Trimmer								
Straight glide and scan cycle								
Maintaining a direction								
Effect of airbrake								
Approach control:								
a) Airbrake/elevator Coordination								
b) Normal								
c) Overshoot								
d) Undershoot								
Landing								

Stalling:

Exercise	Brief	Taught		Attempt			Satisfactory	
	Name	Date	Name	C	B	A	Date	Name
HASSELL checks								
Stall warnings:								
a) Attitude								
b) Reducing airspeed								
c) Changing airflow noises								
d) Changing effect of ailerons								
e) Buffet								
f) Stick position								

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								
Stall with wing drop (approx. to 45 degrees)								

Spinning:

BGA safe spinning info	BGA online learning https://members.glidering.co.uk/bga-safety-management/stall-and-spin-avoidance/							
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				

Winch Launching:

Exercise	Brief	Taught		Attempt			Satisfactory	
	Name	Date	Name	C	B	A	Date	Name
Normal launch								
BGA safe winching info & quiz	BGA online learning & quiz https://members.glidering.co.uk/bga-safety-management/safe-winchng/							
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 only				
Too fast signal/abandonment								
Gradual winch power failure								

Circuit planning:

Normal circuit								
Zig Zag circuit								
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								

Aerotowing:

Ground roll and transition to tow								
Lateral instability on tow								
Release								
Maintaining position on tow								
Recovery from:								
a) out of position to side								
b) from too high								
c) from too low								
d) from divergent lateral oscillation								

Exercise	Brief	Taught		Attempt			Satisfactory	
	Name	Date	Name	C	B	A	Date	Name
BGA safe aero-towing info	BGA online information https://members.glding.co.uk/bga-safety-management/safe-aerotowing/							
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:	
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First solo								
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Steeper turns								
Flying in strong winds								
Flying with a significant crosswind								
Flying without an ASI								
Boxing the tug prop wash on tow								
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								

Soaring (prior to planned solo soaring):

Thermal Soaring, including <ul style="list-style-type: none"> - Lookout procedures - Detection and recognition of thermals, use of audio vario - Joining a thermal, Flying in proximity to others, Centring in thermals, Leaving thermals - 'BGA Soaring Protocol' knowledge and practical application 		
Ridge Soaring, including <ul style="list-style-type: none"> - Lookout procedures - Optimisation of flight path - Speed control - Wind shear - 'BGA Soaring Protocol' knowledge and practical application 		
Wave Soaring, including <ul style="list-style-type: none"> - Lookout procedures - Considerations and techniques for accessing and exiting wave - Speed limitations with increasing height - Considerations for use of oxygen - 'BGA Soaring Protocol' knowledge and practical application 		