

UNIT 1.10 – HANG GLIDER TOWING (HGT) SYLLABUS

ELEMENT: 1. NORMAL PROCEDURE

Flying Standard	Pilot Certificate	Inst Rating
1.1 Ground Preparation		
<ul style="list-style-type: none"> Know the HGFA Operational Regulations in relation to hang glider aero- towing 	2	1
<ul style="list-style-type: none"> Prepare towing aeroplane (pre-flight) 	2	1
<ul style="list-style-type: none"> Check release mechanisms, mirrors, ropes, release rings and weak links 	2	1
<ul style="list-style-type: none"> Aware of the hang glider aero-towed maximum and minimum speeds 	2	1
<ul style="list-style-type: none"> Hang glider towing fuel consumption accounted for 	2	1
<ul style="list-style-type: none"> Minimum rope length requirements 	2	1
<ul style="list-style-type: none"> Weak link requirements 	2	1
<ul style="list-style-type: none"> Ground signals 	2	1
<ul style="list-style-type: none"> Assess take-off performance for aerodrome length requirements 	2	1
1.2 Take-off		
<ul style="list-style-type: none"> Interpret ground signals 	2	1
<ul style="list-style-type: none"> Monitor take-off performance and instigate aborted take-off procedure if not optimal 	2	1
<ul style="list-style-type: none"> Demonstrate ability to handle crosswind take-off 	2	1
<ul style="list-style-type: none"> Use mirrors to determine glider position 	2	1
1.3 Climb		
<ul style="list-style-type: none"> Maintain accurate tug position with respect to the hang glider - high, low, left or right position 	2	1
<ul style="list-style-type: none"> Correct engine handling procedures followed 	2	1
<ul style="list-style-type: none"> Maintain lookout and minimise into sun towing for increased visibility 	2	1
<ul style="list-style-type: none"> Towing pattern selected close to out landing areas 	2	1
<ul style="list-style-type: none"> Avoidance of other traffic 	2	1
1.4 Release		
<ul style="list-style-type: none"> Confirm hang glider release 	2	1
<ul style="list-style-type: none"> Ensure hang glider clear 	2	1
1.5 Descent		
<ul style="list-style-type: none"> Good lookout performed 	2	1
<ul style="list-style-type: none"> Engine management 	2	1
1.6 Approach and Landing		
<ul style="list-style-type: none"> Correct circuit entry 	2	1
<ul style="list-style-type: none"> Normal aeroplane checks 	2	1
<ul style="list-style-type: none"> Consideration of trailing rope and drop rope procedure 	2	1
<ul style="list-style-type: none"> Go-around procedure 	2	1

ELEMENT: 2. ABNORMAL PROCEDURES

Flying Standard	Pilot Certificate	Inst Rating
2.1 Take-off run aborted		
<ul style="list-style-type: none"> Hang glider release Monitor hang glider position Conduct avoidance turn to clear hang glider 	2 2 2	1 1 1
2.2 Partial Power Failure		
<ul style="list-style-type: none"> On ground, release hang glider, avoid hang glider by using partial power or avoidance turn In air, if not past point of no return, release hang glider and conduct landing on remaining runway If past the point of no return, release hang glider with regard given to hang glider landing area Carry out forced landing if required 	2 2 2 2	1 1 1 1
2.3 Order to hang glider pilot, release hang glider		
<ul style="list-style-type: none"> Give hang glider release signal 	2	1
2.4 Hang glider unable to release		
<ul style="list-style-type: none"> Recognise hang glider unable to release signal 	2	1
2.5 Hang glider and Tug unable to release		
<ul style="list-style-type: none"> Recognise hang glider and tug unable to release signal Knowledge of forced weak link breakage technique Knowledge of limitations of landing in tow 	2 2 2	1 1 1

-End of Hang Glider Towing Syllabus-