

301 AVIATION TRAINING FLIGHT – BASIC STAGE GLIDING GROUND TRAINING MATRIX

CFI January 28, 2015

(ALL ITEMS OF GROUND TRAINING COVERED WITHIN BASIC STAGE – **THIS IS NOT THE TRAINING PROGRAM**)

Training Item	Sub Items	Training Source	Duration	Competency Assessment
1. The Airport	a. ERSA Supplement YBTH	✓ Basic Pre-Learning Package (BPLP)	Self-learning	BPLP Theory Exam
	b. Runways and airfield layout			
	c. Gliding strip locations	✓ Practical Training Airside	Practical Training Airside - Ongoing	Practical Assessment – Observation and assessment of competency in operational environment.
	d. Basic airfield orientation			
2. The Aircraft	a. Tandem seating	✓ Basic Pre-Learning Package (BPLP)	Self-learning	BPLP Theory Exam
	b. Control Surfaces			
	c. Cockpit layout	✓ Practical Training Airside	Practical Training Airside - Ongoing	Flight Training – Practical Assessment
	d. Instrument location			
	e. Ancillary control location			
	f. Operation of controls (LIO)			
3. Cockpit Checks	a. Importance of checks	✓ Basic Pre-Learning Package (BPLP)	Self-learning	BPLP Theory Exam
	b. ABCD			
	c. CHAOTIC	✓ Practical Training Cockpit	Practical Training Airside - Ongoing	Flight Training - Practical Assessment
	d. FUST – Post release			
	e. FUST – Pre Landing			
	f. Checks “Do and Say”			
4. Phonetic Alphabet, Numerals and Clock Code	a. Importance	✓ Basic Pre-Learning Package (BPLP)	Self-learning	BPLP Theory Exam
	b. Pronunciation	✓ Practical Training Cockpit	Practical Training Airside - Ongoing	Flight Training - Practical Assessment

[Type text]



301 AVIATION TRAINING FLIGHT – BASIC STAGE GLIDING GROUND TRAINING MATRIX

CFI January 28, 2015

Training Item	Sub Items	Training Source	Duration	Competency Assessment
5. Airfield Safety	a. Clothing requirements	✓ Basic Pre-Learning Package (BPLP)	Self-learning	BPLP Theory Exam
	b. Lookout and situational and airside awareness	✓ Airfield Safety Awareness Package – Unit Website	Self-learning	Practical Assessment – Observation and assessment of competency in operational environment.
	c. Runway movements	✓ DETCDR / CFI Course Brief	0.7HR	
	d. Propeller awareness, arc and how to approach Tug	✓ Airfield Safety and Operations Training Package (Prac Group Training)	1.0HR	
	e. Hydration	✓ Practical Training Airside - Ongoing	Practical Training Airside - Ongoing	
	f. Fatigue			
	g. Air Sickness			
	h. Airfield markings			
	i. Methods of alerting others			
	j. Enviro Hazards i.e. Snakes			
	k. Location of FA Kits			
	l. Emergency Response Plan			
	m. 'HAZ1' Process, forms and reporting culture			
6. Ground Handling of Aircraft	a. Tow out gear operation	✓ Airfield Safety and Operations Training Package (Prac Group Training)		
	b. Moving gliders on the airfield	✓ Practical Training Airside - Ongoing		
	c. Canopy care and operation			
	d. 'No Push' areas			
	e. Lifting wings			
	f. Moving around gliders i.e. don't step over wing tips			
	g. Getting in and out of the cockpit			
	h. Harness operation			
	i. Ballast locations			
	j. Ground handling signals			
	k. Glider retrieval processes			
l. Hooking on				

[Type text]



Training Item	Sub Items	Training Source	Duration	Competency Assessment
7. Hooking up, launching and airfield flight operations	<ul style="list-style-type: none"> a. Hooking on for launch b. Rope and ring care c. Lookout areas d. Weak link understanding e. Signals – forward/wing f. Emergency signals g. Running wings 	<ul style="list-style-type: none"> ✓ General airfield training work 	Ongoing	Practical Assessment – Observation and assessment of competency in operational environment.
8. Parachute operation and care	<ul style="list-style-type: none"> a. Care and storage b. Fitting and straps c. Aircraft canopy operation d. Speed control / Yaw e. Emergency exit procedure f. Basic falling procedure g. Operation of parachute h. Basic steering i. Landing! 	<ul style="list-style-type: none"> ✓ Parachute pre-learning package ✓ Parachute practical training on course 	Self-learning 1.0HR	Practical assessment in Blanik Test Rig – No theory
9. Lecture XX – Basic Aerodynamics	As per Basic Stage lesson plan objectives	<ul style="list-style-type: none"> ✓ QFI Lecture/Lesson Plan XX ✓ Power Point (XX) ✓ Classroom Training Aids 	30min	
10. Lecture XX – Basic Aerodynamics	As per Basic Stage lesson plan objectives	<ul style="list-style-type: none"> ✓ QFI Lecture/Lesson Plan XX ✓ Power Point (XX) ✓ Classroom Training Aids 	30min	
11. Lecture – Stability, Attitude, Primary Effects and Secondary (further) Effects	As per Basic Stage lesson plan objectives	<ul style="list-style-type: none"> ✓ QFI Lecture/Lesson Plan XX ✓ Power Point (XX) ✓ Classroom Training Aids 	45min	Oral examination (testing) Flight Training - Practical Assessment

[Type text]



Training Item	Sub Items	Training Source	Duration	Competency Assessment
12. Lecture – Basic Coord	As per Basic Stage lesson plan objectives	<ul style="list-style-type: none"> ✓ QFI Lecture/Lesson Plan XX ✓ Classroom Training Aids 	25min	Oral examination (testing)
				Flight Training - Practical Assessment
13. Lecture - Basic Circuit Overview	As per Basic Stage lesson plan objectives	<ul style="list-style-type: none"> ✓ QFI Lecture/Lesson Plan XX 	25min	Oral examination (testing)
				Flight Training - Practical Assessment
14. Lecture – Basic understanding of lookout	As per Basic Stage lesson plan objectives	<ul style="list-style-type: none"> ✓ QFI Lecture/Lesson Plan XX ✓ 	25min	Oral examination (testing)
				Flight Training - Practical Assessment
15. GFA Lookout (including Human Factors vision limitations)	As per Basic Stage lesson plan objectives	<ul style="list-style-type: none"> ✓ QFI Lecture/Lesson Plan XX ✓ Power Point (XX) ✓ Classroom Training Aids ✓ Handouts 	30min	Oral examination (testing)
				Flight Training - Practical Assessment
16. Lecture – Turning and Coordination	As per Basic Stage lesson plan objectives	<ul style="list-style-type: none"> ✓ QFI Lecture/Lesson Plan XX ✓ Power Point (XX) ✓ Classroom Training Aids 	30min	Oral examination (testing)
				Flight Training - Practical Assessment
17. Lecture – Trim and Ancillary Controls	As per Basic Stage lesson plan objectives	<ul style="list-style-type: none"> ✓ QFI Lecture/Lesson Plan XX ✓ Classroom Training Aids 	30min	Oral examination (testing)
				Flight Training - Practical Assessment
18. Lecture – Ground Roll and Take Off	As per Basic Stage lesson plan objectives	<ul style="list-style-type: none"> ✓ QFI Lecture/Lesson Plan XX ✓ Power Point (XX) Classroom Training Aids 	30min	Oral examination (testing)
				Flight Training - Practical Assessment

[Type text]



Training Item	Sub Items	Training Source	Duration	Competency Assessment
19. Lecture - Aero-Tow & Release	As per Basic Stage lesson plan objectives	<ul style="list-style-type: none"> ✓ QFI Lecture/Lesson Plan XX ✓ Power Point (XX) ✓ Classroom Training Aids 	30min	Oral examination (testing) Flight Training - Practical Assessment
20. Lecture – Circuits Detailed	As per Basic Stage lesson plan objectives	<ul style="list-style-type: none"> ✓ QFI Lecture/Lesson Plan XX ✓ Power Point (XX) ✓ Classroom Training Aids 	50min	Oral examination (testing) Flight Training - Practical Assessment
21. Lecture – HASLL Check	As per Basic Stage lesson plan objectives	<ul style="list-style-type: none"> ✓ QFI Lecture/Lesson Plan XX ✓ Handout XX 	30min	Oral examination (testing) Flight Training - Practical Assessment
22. Lecture – Slow Flight and Stalling	As per Basic Stage lesson plan objectives	<ul style="list-style-type: none"> ✓ QFI Lecture/Lesson Plan XX ✓ Power Point (XX) ✓ Classroom Training Aids 	30min	Oral examination (testing) Flight Training - Practical Assessment
23. Lecture – Spins, Spirals and Steep Turns	As per Basic Stage lesson plan objectives	<ul style="list-style-type: none"> ✓ QFI Lecture/Lesson Plan XX ✓ Power Point (XX) ✓ Classroom Training Aids 	50min	Oral examination (testing) Flight Training - Practical Assessment

[Type text]

