THE GLIDING FEDERATION OF AUSTRALIA INC

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FLYING FURTHER COURSE GUIDE FOR COORDINATORS

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1. Course Overview

The Flying Further course is an intensive course to train the soaring competencies of the Australian Glider Pilot Certificate (GPC competencies 30, 31, 32, 33, 35, 36, 38, 39, 40 and 41) through a combination of classroom lectures and training in two-seater gliders. Over a nominal 5-day period the goal is for students to complete the training and be competent with the soaring skills of the GPC.

The course does not cover outlanding training (GPC competency 34). Outlanding training requires suitable resources, such as a motor glider and rated instructors, which makes this training impractical within the course scope.

Flying Further is a Gliding Australia standard course derived from the Soaring to the Future (S2F) initiative. The course syllabus, programme and training materials are managed by the National Coaching Panel (part of Soaring Development). Course coordinators must contact the regional Soaring Development Manager prior to conducting a Flying Further course.

2. Course Considerations

There must be a maximum of two students per trainer and twin seater. Ideally the weather should be suitable to fly two short cross country flights each day of 1-2 hours duration so that each student flies one cross country flight each day. Consideration should be given to selecting course dates and sites for reliable cross-country weather with suitable outlanding options.

3. Trainer Requirements

Trainers for the Flying Further course must hold a current Silver Coach rating and be familiar with the course training materials. Trainers must be familiar with Training Principles and Techniques. To provide consistency for the students, trainers should be available for the entire course.

4. Student Prerequisites

Students should hold a B certificate and have current flying skills. It is preferable that all students have a similar level of soaring knowledge and skills. It is strongly recommended that outlanding training is completed prior to the course. Students should be available for the entire course.

5. Programme

The nominal course programme for a 5-day mid-week course is below. The course can be split over a number of weekends and it may be appropriate to schedule a contingency day. The order of the units can be varied based on weather and student progress, however unit prerequisites must be considered.

Daily*	(Subject to weather)
08:30	Review of previous day
08:45	GPC Unit Briefings
11:00	Task Briefing
12:00	Flight 1
14:00	Flight 2
17:00	Debrief

Planned Activities	
Monday	Thermal structure (33) Thermalling (30, 31)
Tuesday	Soaring with Others (32) Nav & Airspace (36)
Wednesday	Met & Flight Planning (38)
Thursday	Flight Computers (39) Cruising etc (40)
Friday	Demonstrated Cross Country (41)
Evening, No fly day or Friday	Preparation (35)

*Adjust times to suit local conditions

All lectures must be conducted in accordance with the Gliding Australia Training Manual and be conducted in group sessions in a room that is free from distractions as much as possible. A projector or large screen, internet access, aviation charts and other flight planning materials must be available.

It is expected that students will have previously been introduced to thermal centring and thermal entry (and possibly have these competencies signed-off). Even so these skills must be covered during the course.

On all days except the final day, meteorology and flight planning should be conducted as a group. Meteorology and Flight Planning (nominally on day 3) trains the full scope such that students can individually access and understand weather, airspace and other constraints to plan a task. On the final day students should be asked to individually conduct flight planning as part of the demonstrated cross country assessment.

6. Flight Exercises

Flying exercises on each day should be focused on the competencies from the daily lecture(s), with consolidation on competencies covered in previous flights. A short debrief should be conducted immediately after each flight (in addition to the group debrief).

Unless the students have significant cross country flight experience, a **minimum** of four cross country flights for each student will be required. Nominally these should cover flight exercises as follows:

Flight 1 – Thermal centring, thermal entry and thermal sources

Flight 2 – Navigation using maps/charts and visual references, and soaring with other gliders

Flight 3 – Cruising and use of flight computers

Flight 4 – Demonstrated Cross Country

Demonstrated Cross Country should not be conducted unless the student has reached a satisfactory proficiency in all the GPC soaring competencies.

If the weather during the course does not allow for completion of all the required flights, then consider scheduling follow-up coaching days for the course students.