



BGA TRAINING ORGANISATION

**FI(S) - AEROBATICS INSTRUCTING PRIVILEGES
TRAINING PROGRAMME**

V1.3 JULY 2025

COURSE CANDIDATE DETAILS (prior to starting the course)

Course Candidate Name	
Gliding Club	
Phone number	
Email	
SFCL.315 FI(S) privileges held	
SPL aerobatics privileges held	
Details of other aerobatics qualifications held	

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PART 1 - INTRODUCTION AND GENERAL INFORMATION

The BGA training organisation supports Part-Sailplane Flight Crew Licensing (SFCL) compliant training.

a. Site

The BGA training organisation operates from BGA club airfields which are suitable for the training being carried out as assessed by the CFI.

The training instructor(s) and student(s) must have access to a dry, warm and light briefing and rest facility.

b. Personnel

The BGA Head of Training is responsible for ensuring that the BGA training organisation supplies guidance that is compliant with Part-SFCL and reasonably supports BGA member gliding clubs.

The gliding club CFI is responsible for ensuring that club training is delivered compliant with Part-SFCL and BGA requirements.

Instructors delivering the flight training for this training programme must hold a valid Flight Instructor (Sailplanes) certificate with the relevant launch privileges, 315(a)(7) and (a)(5) privileges for aerobatics, and BGA instructor membership.

c. Aircraft

All training aircraft used must hold a valid certificate of airworthiness and hold appropriate insurance.

PART 2 – SAFETY POLICY

The BGA office is responsible for publication of the BGA Safety Management System (SMS) manual, which is available on the BGA members website (search Safety Management System).

Clubs are responsible for the safety of all training carried out at and from their site and for compliance with club and BGA incident and accident reporting requirements.

Instructors and student pilots must be directed to published club safety and operating requirements, which should be explained and referred to during training.

The student pilot should be encouraged to openly discuss safety related issues experienced during training in the context of a 'just culture'.

PART 3 - THE FI(S) AEROBATICS PRIVILEGES TRAINING PROGRAMME

a) Training

This training programme supports compliance with SFCL.315 (5) (ii).

The exercises should be repeated as necessary until the applicant FI(S) has demonstrated the ability to instruct for aerobatic privileges as held by the applicant FI(S) as an SPL privilege (i.e basic or advanced).

b) Regulations and Publications

This programme complies with Part SFCL. References in the format 'SFCL.xxx' are from this regulation.

c) Prerequisites

Instructors training under this programme are required to hold an SPL with the relevant aerobatics privileges and an FI(S) certificate.

d) Course Records

After each training session, the FIC is expected to update the training record.

e) Course Content

The course has two sections:

- Theoretical Knowledge (TK), detailed at Section 3A.
- Flying Training, detailed at Section 3B.

f) Exercise and Course Completion

After theoretical knowledge instruction and each training flight, the record of training progress (Appendix 1) should be updated. On satisfactory completion of each flight exercise, the 'student' FI(S) and the supervising FI(S) should certify the training record.

The course completion certificate must be completed and the SFCL.315 (5) privileges are to be recorded on the FI(S) certificate via application.

g) Brief for FI(S) with aerobatic instructing privileges

The specific privileges are detailed in SFCL.315.

PART 3A – THEORETICAL KNOWLEDGE TRAINING

The 'student' FI(S) should be able to teach the following theoretical knowledge syllabus.

There are a variety of aids available to help this self-study, both hard copy and online.

The theoretical knowledge instruction should cover the explanation of:

- (1) human factors and body limitations
 - (i) spatial disorientation
 - (ii) airsickness
 - (iii) body stress and G-forces, positive and negative

(iv) effects of grey- and blackouts

(2) technical subjects

- (i) legislation affecting aerobatic flying to include environmental and noise subjects
- (ii) principles of aerodynamics to include slow flight, stalls and spins, flat and inverted
- (iii) general airframe and engine limitations (if applicable).

(3) limitations applicable to the specific aircraft category (and type)

- (i) air speed limitations (sailplane)
- (ii) symmetric load factors (type-related, as applicable)
- (iii) rolling Gs (type-related, as applicable)

(4) aerobatic manoeuvres and recovery

- (i) entry parameters
- (ii) planning systems and sequencing of manoeuvres
- (iii) rolling manoeuvres
- (iv) looping manoeuvres
- (v) combination manoeuvres
- (vi) entry and recovery from developed spins, flat, accelerated and inverted

(5) emergency procedures

- (i) recovery from unusual attitudes; and
- (ii) drills to include the use of parachutes and aircraft abandonment.

To assist with monitoring progress, the supervising FI(S) can initial each item on completion.

PART 3B – FLIGHT TRAINING EXERCISES

The exercises of the aerobatic flying training syllabus should be repeated as necessary until the applicant FI(S) achieves a safe and competent standard of flying and instruction.

The training should be limited to the permitted manoeuvres of the type of sailplane used. The exercises should comprise at least the following practical training items:

1. Confidence manoeuvres and recoveries (Basic and Advanced)

- (i) slow flights and stalls
- (ii) steep turns
- (iii) side slips
- (iv) engine restart in-flight (if applicable)
- (v) spins and recovery
- (vi) recovery from spiral dives
- (vii) recovery from unusual attitudes

Satisfactorily completed:

FI(S) signature	FI(S) name	Student instructor signature

2. Wingover (for Basic and Advanced)

Satisfactorily completed:

FI(S) signature	FI(S) name	Student instructor signature

3. Spin (for Basic and Advanced)

Satisfactorily completed:

FI(S) signature	FI(S) name	Student instructor signature

4. Lazy eight (for Basic and Advanced)

Satisfactorily completed:

FI(S) signature	FI(S) name	Student instructor signature

5. Loop (for Basic and Advanced)

Satisfactorily completed:

FI(S) signature	FI(S) name	Student instructor signature

<p>6. Rolls (for Advanced only)</p> <p>Satisfactorily completed:</p>		
FI(S) signature	FI(S) name	Student instructor signature
<p>7. Chandelle (for Advanced only)</p> <p>Satisfactorily completed:</p>		
FI(S) signature	FI(S) name	Student instructor signature
<p>8. Inverted flight (for Advanced only)</p> <p>Satisfactorily completed:</p>		
FI(S) signature	FI(S) name	Student instructor signature
<p>9. Hammerhead turn (for Advanced only)</p> <p>Satisfactorily completed:</p>		
FI(S) signature	FI(S) name	Student instructor signature
<p>10. Immelman (for Advanced only)</p> <p>Satisfactorily completed:</p>		
FI(S) signature	FI(S) name	Student instructor signature

PART 3C - COMPLETION STANDARDS

Throughout, the 'student' FI(S) should be able to demonstrate the ability to safely operate the sailplane within its limitations, and

- complete all manoeuvres with smoothness and accuracy, and
- exercise good judgement and airmanship, and
- apply aeronautical knowledge and regulations as currently apply, and
- ensure control is maintained at all times in a manner that the successful outcome of a procedure or manoeuvre is never seriously in doubt.

Appendix 1 – Record of theoretical knowledge and flight training progress

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Date	Comment and FI(S) name and signature