



# LSF Australia | 42<sup>nd</sup> Jerilderie

Fri 7 - Mon 10 June 2019

## INFORMATION FOR PILOTS

The Open Thermal event will be flown to the latest Australian Thermal Rules. A copy of these rules is available on the [LSF website](#) but see Local Rules below.

### Radios & MAAA/FAI License Checks

All pilots **must** hold a current MAAA/FAI licence. Licence checks for F5J pilots competing on Friday will be on Thursday Night from 7.00pm at the Colony Inn and on the field Friday at 8:30am.

Licence checks (and current radio certification - 36mhz only) for F3K pilots, Open Thermal pilots and remaining F5J pilots on Friday Night from 7.00pm at the Colony Inn.

### Local Rules

#### All pilots

- Pilots can test fly models only after their car has been removed from the field.

- **Augmented Stability Systems**

The use of Augmented Stability Systems (gyros etc,) is specifically banned for all model classes. The control surfaces must be controlled exclusively by the pilot from the ground.

#### Open Thermal pilots

- Spiral wound winch batteries that comply with the 625mm w+l+h rule are allowed. Reason: It is possible to purchase a complying (w+l+h) flat plate lead acid battery that exceeds the specifications of the best complying spiral wound battery.
- Models flown must comply with F3J wing loading limits (Rule 5.6.1.3) being minimum 20 g/dm<sup>2</sup>, maximum 75 g/dm<sup>2</sup>. For the purposes of this calculation, wing area includes tailplane area. FAI wing areas (cross-tail versions)– 4m Xplorer 95.3dm<sup>2</sup>; 4m Maxa 89.96dm<sup>2</sup>; 3.68m Pike Dynamic 84dm<sup>2</sup>.

#### F5J pilots (both events)

- are not to run their motor in the last minute of preparation time.
- will launch into wind from within the access corridor. The launch will be from the upwind side of the access corridor and within two metres of the launch marker.
- must maintain an 'into wind' heading for the first three seconds after the start of F5J working time. There will be an audible sound to indicate three seconds elapsed.

#### Frequency Board

- will be used, however frequency clashes are minimised by the contest draw and the expectation that most pilots will be using 2.4Ghz.

#### F5J Friday Competition

Three pilot teams. There will be a three round fly-off for this competition.

Plaques will be awarded to each of the top three pilots.

#### Open Thermal Competition and Skill Level (Sat, Sun, Mon)

Five pilot teams. The competition will include results for three individual classes and for teams.

Expert --- Advanced --- Sportsman

Classes determined by Skill Level (see below). The Grand Champion Open Thermal is the competitor who has the highest total score for all rounds flown regardless of skill level.

The skill level of pilots will be determined using the results for the three most recent contests the pilot has completed in the past ten years, and at the final discretion of the Committee, based on known previous performances. If less than three contests have been completed the LSF committee will assess the pilot based on the results for those contests the pilot has completed.

#### F5J Competition (Sat, Sun, Mon)

Three pilot teams. A new perpetual trophy styled 'League of Silent Flight / Grand Champion / F5J' will be awarded to the winner. Trophy and plaque for winner. Plaques for the second and third placed pilots.

## **Organisation**

### **Sound System**

All announcements will be broadcast on the FM frequency band.  
Pilot names will not be announced automatically (for technical reasons).  
The LSF will provide some radio/speaker sets along the flight line.  
Entrants are encouraged to bring their own radio/speaker sets.

### **Score Entry**

Score entry for all events will be by smart phone using the GliderScore eScoring system.  
Please bring a smart phone with QR code scanning ability.  
It is possible to use one phone for all team members or for several pilots to share a phone.

### **F5J Friday Event**

This is an event for individuals entered as members of three person teams. The number of groups per round will depend on the number of entrants but will be at least three groups per round.

### **Open Thermal Event (Sat, Sun, Mon)**

The draw for the Open event is being done on a team basis and all pilots must be part of a team. A team will comprise a minimum of three and a maximum of five flying members. It is the responsibility of each entrant to provide members of their team on the entry form. To assist individuals to identify potential teams, a list of entered teams with team manager contact details, will be posted on the LSF website, issued in LSF Bulletins and updated on a regular basis. Open thermal will be flown with five heats per round.

### **F5J Event (Sat, Sun, Mon)**

This is an event for individuals entered as members of three person teams. The number of groups per round will depend on the number of entrants but will be at least three groups per round.

### **Sat, Sun F3K Event**

This is an event for individuals (no teams). Pilots must provide their own non-flying helpers as there will be only one group per round.

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## **About Concurrent Flying - Open Thermal and F5J Events (Sat, Sun, Mon)**

The Open Thermal and F5J events will be flown concurrently. This means that both competitions will have models flying at the same time. More details below.

### **Tournament/Competition Directors**

|  |               |
|--|---------------|
| Tournament Director:                   | Tom Dupuche   |
| Competition Director for Open Thermal: | <to be named> |
| Competition Director for F5J:          | <to be named> |

### **Flight Lines**

There will be one flight line. CDs tent in the middle. One side for winch launching and the other side for F5J launching. Audio will be provided by the use of FM radios positioned along the flight line. A digital display clock will be at the centre.

### **Preparation Time**

For Open Thermal the preparation time between flight groups will be two minutes.  
For F5J the preparation time is effectively four minutes (this is a local rule). F5J pilots have the

two minutes prep time (as for the Open Thermal pilots) plus another two minutes prep time while waiting for the two minute Open Thermal launch window to finish. See below for further details.

### **Start and End of Working Time (all events)**

The start and end of working time will be indicated by a clock and by an audio signal.

**Open Thermal** – There will be a two minute countdown to the start of 12 minutes working time. At this point a horn will sound and the clock will show 12:00 (12 minutes).

It is expected that all Open Thermal pilots will launch well within the first two minutes.

After 1 min 30 secs the clock display will change to 00:30 to indicate a 30 second countdown to the start of the F5J working time. An announcement “F5J countdown has started” will be made. Once F5J is started, the clock display will resume its normal countdown from 10:00. Do not get confused by this change in the display. The time remaining is correct. Three seconds into the F5J working time a beep will sound to indicate that turning away from the launch direction is permitted.

**F5J** – A 30 second countdown to the start of the F5J working time will commence at 1 minute and 30 seconds into the Open Thermal working time. At this point the clock will read 00:30 (30 seconds) and an announcement “F5J countdown has started” will be made. The clock and audio will continue to count down to the start of the F5J working time. At this point a horn will sound and the clock will display 10:00 (10 minutes). Three seconds into the F5J working time a beep will sound to indicate that turning away from the launch direction is permitted. The clock and audio will count down the remainder of working time.

**Working time ends for both Open Thermal and for F5J** when the clock display reaches 00:00 and the horn sounds. Working time ends precisely at the start of the of the horn sound. At this point all flight timing in progress must cease. If a model is in flight at this point then, for both classes, there is a total loss of landing points.

### **Timing the end of the flight**

Timing for Open Thermal and F5J ends when

- a. the model aircraft first touches the ground; or
- b. the model aircraft first touches any object in contact with the ground. Parts of launching devices (tow-lines) extending away from the ground shall not be interpreted as objects in contact with the ground; or
- c. completion of the group's working time.

Record the time in minutes and seconds. Any additional fractional part of a second is to be disregarded (even if it is 0.99 seconds).

### **Flight Number Announcements (instead of Round and Group numbers)**

**This does NOT apply to F5J Friday.**

A ‘Flight’ number will be announced (instead of round and group numbers). For example:

| <b>Flight Number</b> | <b>For Open Thermal</b> | <b>For F5J</b>         |
|----------------------|-------------------------|------------------------|
| <b>1</b>             | <b>Round 1 Group 1</b>  | <b>Round 1 Group 1</b> |
| <b>2</b>             | <b>Round 1 Group 2</b>  | <b>Round 1 Group 2</b> |
| <b>3</b>             | <b>Round 1 Group 3</b>  | <b>Round 1 Group 3</b> |
| <b>4</b>             | <b>Round 1 Group 4</b>  | <b>Round 2 Group 1</b> |
| <b>5</b>             | <b>Round 1 Group 5</b>  | <b>Round 2 Group 2</b> |
| <b>6</b>             | <b>Round 2 Group 1</b>  | <b>Round 2 Group 3</b> |
| <b>7</b>             | <b>Round 2 Group 2</b>  | <b>Round 3 Group 1</b> |

Flight numbers (as well as round and group numbers) will be printed on the Score Record cards provided to each pilot. Note that the number of groups per round for F5J is not yet decided.

**Overseas Competitors**

Members of the overseas model aeronautical bodies officially recognised by the FAI, who are temporarily in Australia, shall, on application, be admitted as MAAA Honorary Members during their stay in Australia. This status has to be recorded by the MAAA in order to qualify for Third Party Public Liability insurance cover and is only available to bone fide visitors for limited periods. LSF Australia will liaise with the MAAA on behalf of any overseas competitors.