Operational Instructions for the use of the Balloon Live App and Balloon Live Sensor

Rule 6.9 states that Competitors shall comply with the operational instructions for the use of GPS loggers. Failure to comply with these instructions may be penalised.

You need to be prepared for the use of the Balloon Live/Watchmefly system **before the start of the competition.**

An excellent tutorial video can be found here: https://youtu.be/vdNrcm0B2Fo

Please complete the initial setup **and payment** as soon as possible. Once everyone is setup (I will be able to see this on Watchmefly), I will create some training flights.

Balloon Live App and Recording Device

- Please create an account on watchmefly.net and fill out the fields in the account settings (top right under your name). Your profile data will be visible to the public.
- Install the latest version of the Balloon Live app (Android or Apple, version 2027) on your mobile recording device (tablet or phone) and backup device (if used). You can find further information and help on balloon live.org .
- Make sure your recording device is using Android version 8 or greater (for Android devices); or iOS 13.2 (for Apple devices).
- The Balloon Live App (the App) must have the permissions to access Storage and Location in background. The recording device's location should be set to active at all times, not to "only active when using the app".
- Check that your recording device is stable with the App running in the foreground (not entering sleep mode) for at least 2 hours. It is recommended that you have a powerbank available to extend the battery life of your device.
- The recording device you use to run the App **must be dedicated to competition** and not be used for daily activities, like phone calls, browsing, photographs, etc. All other apps must be closed.

Competition Setup

- In the App, click on the Profile Image in the top right-hand corner and login with your watchmefly.net credentials.
- In the App, click on your profile image and select the available competitions list. You should see the event "5th FAI Women's World Hot Air Balloon Championship" in the events list. If not, please contact support@balloonlive.org
- Select the event from the list and follow the steps on your device to **pay the event fee**. The payment is only required once and will not be required for any further device. If you have problems paying, make sure your device is setup to allow for in-app payments.
- Once the payment is successful, you should be able to see it marked "Paid" and you can select it to load the event in the App.

Balloon Live Sensor (BLS)
- Start and connect the BLS as shown in the tutorial video above.
- Make sure that your BLS has the latest Firmware (v4.19).
- I will prepare at least one Practice Flight prior to the event - when this is available you can sync the data and start the flight (I will let you know when the flight is available).
- **IMPORTANT** - You must record at least one Practice Flight prior to the General Briefing so that we can check that everything is set up correctly. You do not need to actually fly the flight - you can complete the process by driving or walking around, but the following recording conditions must be met:
  - BLS connected.
  - Duration of at least 15 mins.
  - At least 1 goal declaration
  - At least 1 marker drop.
- Make sure to stop your flight recording properly and wait for the track to be completely uploaded.
- Make sure all track points are sent before closing the app or disconnecting the internet connection of the device.
- If you do not have 4G/5G mobile data access when you land, you must ensure that you open the App when you have internet access (e.g., when back in town or at the competition centre) and ensure all track points are uploaded.
- The upload icon $^A\underline{\pm}$ at the top left will indicate if the automatic upload is in progress. The colour of the icon shows the number of remaining track points to upload: red = more than 100, yellow = between 30 and 100, white = less than 30. If the icon switches to $\underline{\pm}$, then the upload is completed. Make sure all track points are sent before closing the app or disconnecting the internet connection of the device.
- Login to watchmefly.net from a browser and check if your flight data is shown under "Your Competition Data" within user menu (top right).

Multiple Recording Devices
The Rules for this Event allow for the use of multiple recording devices. A secondary recording device (tablet or phone) can be used if the primary device fails. If the primary device fails, the secondary device **must be connected**, via Bluetooth, to the BLS.

If, as your backup, you choose to use two recording devices connected to two different BLSs simultaneously, the device that started recording first will be considered as the primary device and will be used for scoring. **If you plan to use two complete systems, be very careful which one you turn on first!**

A Competitor supplying a logger track that does not meet these requirements may be penalised up to 100 task points in each task affected.

Further Information
https://balloonlive.org/about-balloon-live/

https://balloonlive.org/about-balloon-live-sensor/

https://balloonlive.org/how-to-use/