NTSC MEETING 2023

FAI BALLOONING COMMISSION

REPORT

FAI
BALLOONING
COMMISSION

47 events using WMF with Balloon Live
4587 tracks recorded
44 events using WMF scoring
74 certified scorers
408 tasks scored
1909 total Balloon Live app downloads
554 pilot credits
2022

FINANCIAL STATEMENT

General assumptions		2018A	2019A	2020A	2021A	2022A	2023E	2024E	2025E	2026E	2027E
App cost	EUR	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00
Pilot usage fee (per pilot/event)	EUR	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Event usage fee for Balloon Live (per event)	EUR				150.00	150.00	150.00	150.00	150.00	150.00	150.00
Sensor rental fee	EUR	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
App store cost	%	30%	30%	30%	15%	15%	15%	15%	15%	15%	15%
FX (CHF/EUR)		1.17	1.17	1.10	1.10	1.10	1.00	1.00	1.00	1.00	1.00

Income statement		2018A	2019A	2020A	2021A	2022A	2023E	2024E	2025E	2026E	2027E
App purchase	#	0	301	406	483	719	100	100	50	50	25
Pilot usage rights	#	0	0	0	0	554	600	650	700	700	700
Ballon Live sensor rentals	#	0	0	0	25	0	0	0	0	0	0
App purchase income	CHF	0	-	-	-	-	425	425	213	213	106
Pilot usage rights income	CHF	0	0	-	-	-	5,100	5,525	5,950	5,950	5,950
Event usage rights income	CHF	0	0	0	-	3,004	3,500	3,500	3,500	3,500	3,500
Sensor rental income	CHF	0	0	0	222	0	0	0	0	0	0
Combined income App stores	CHF		1,395	1,077	1,744	5,751					
Exceptional income	CHF										
				1,077	1,966	8,755	9,025	9,450	9,663	9,663	9,556

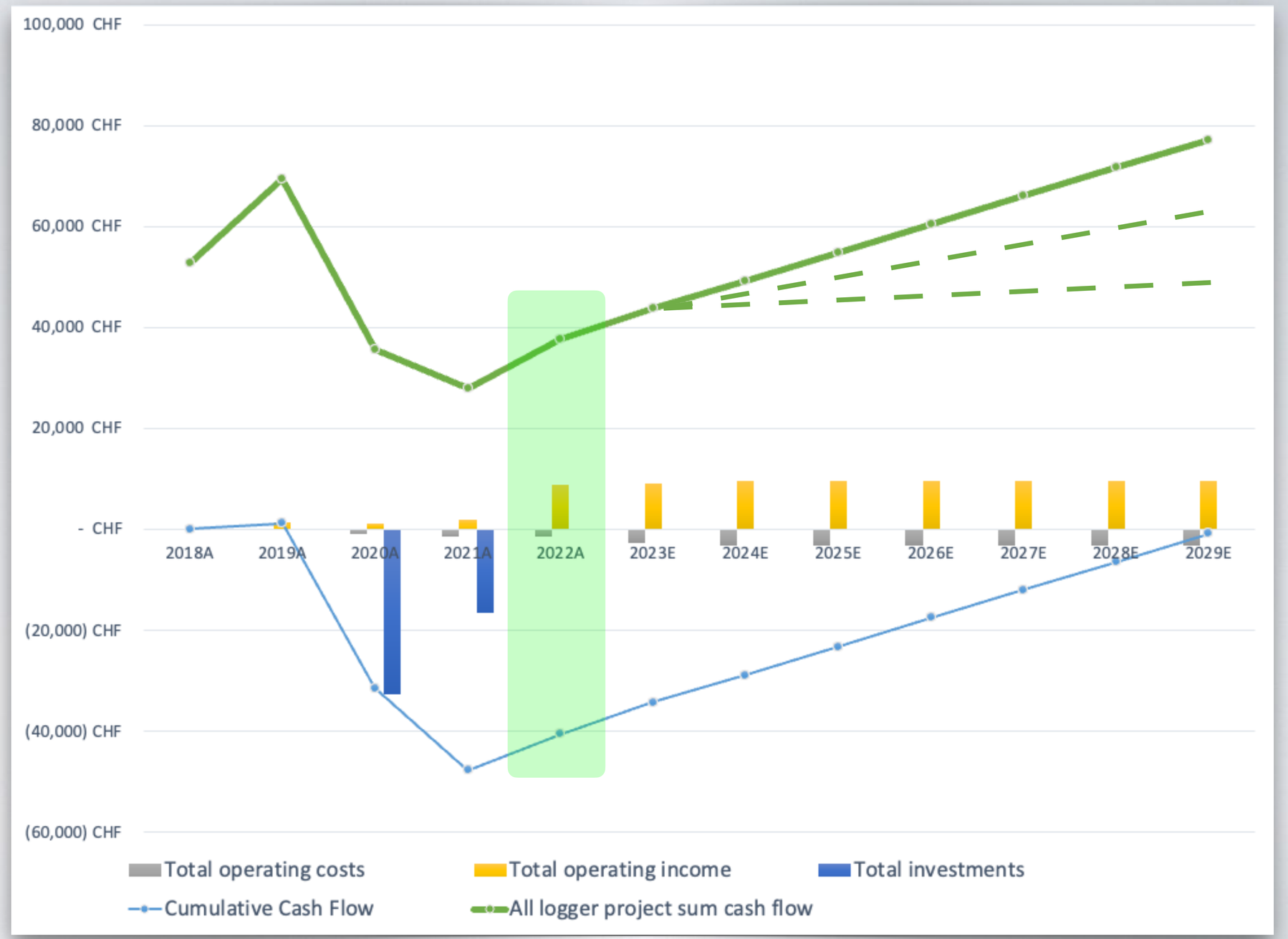
2020A	2021A	2022A	2023E	2024E
1,077	1,966	8,755	9,025	9,450
(976)	(1,570)	(1,568)	(2,800)	(4,000)
(32,789)	(16,652)	0	0	0
(32,688)	(16,256)	7,187	6,225	5,450

		2020A	2021A	2022A	2023E	2024E	2025E	2026E	2027E
		(1,570)	(1,568)	(2,000)	(2,500)	(2,500)	(2,500)	(2,500)	(2,500)
				(500)	(500)	(500)	(500)	(500)	(500)
					(300)	(300)	(300)	(300)	(300)
		(1,570)	(1,568)	(2,800)	(3,300)	(3,300)	(3,300)	(3,300)	(3,300)
		396	7,187	6,225	6,150	6,363	6,363	6,256	

		2020A	2021A	2022A	2023E	2024E	2025E	2026E	2027E
App development	CHF	(15,994)							
Watchmefly.net	CHF	0	(20,416)						
Sensor prototype	CHF	(234)	(835)						
Sensor investment	#		42	(20)					
Sensor price	CHF		380	280					
Sensor investment	CHF	0	(15,960)	3,764					
Total investments	**CHF**	**0**	**(234)**	**(32,789)**	**(16,652)**	**0**	**0**	**0**	**0**	**0**	**0**

Cash flow statement		2018A	2019A	2020A	2021A	2022A	2023E	2024E	2025E	2026E	2027E
Operating income	CHF	0	1,395	1,077	1,966	8,755	9,025	9,450	9,663	9,663	9,556
Operating costs	CHF	0	0	(976)	(1,570)	(1,568)	(2,800)	(4,000)	(4,000)	(4,000)	(4,000)
Net investments FAI	CHF	0	(234)	(32,789)	(16,652)	0	0	0	0	0	0
Total Cash Flow	**CHF**	**0**	**1,160**	**(32,688)**	**(16,256)**	**7,187**	**6,225**	**5,450**	**5,663**	**5,663**	**5,556**
Cumulative Cash Flow	**CHF**	**0**	**1,160**	**(31,527)**	**(47,783)**	**(40,596)**	**(34,371)**	**(28,921)**	**(23,259)**	**(17,596)**	**(12,040)**

FINANCIAL STATEMENT



I FEEL
SLOVENIA
24TH FAI WORLD
HOT AIR BALLOON CHAMPIONSHIP
MURSKA SOBOTA 2022
EUROPEAN UNION
EUROPEAN STRUCTURAL
AND INVESTMENT FUNDS
FAI
FAI
WORLD
CHAMPIONSHIP
LETALSKA
ZVEZA SLOVENIJE
AERONAUTICAL ASSOCIATION OF SLOVENIA

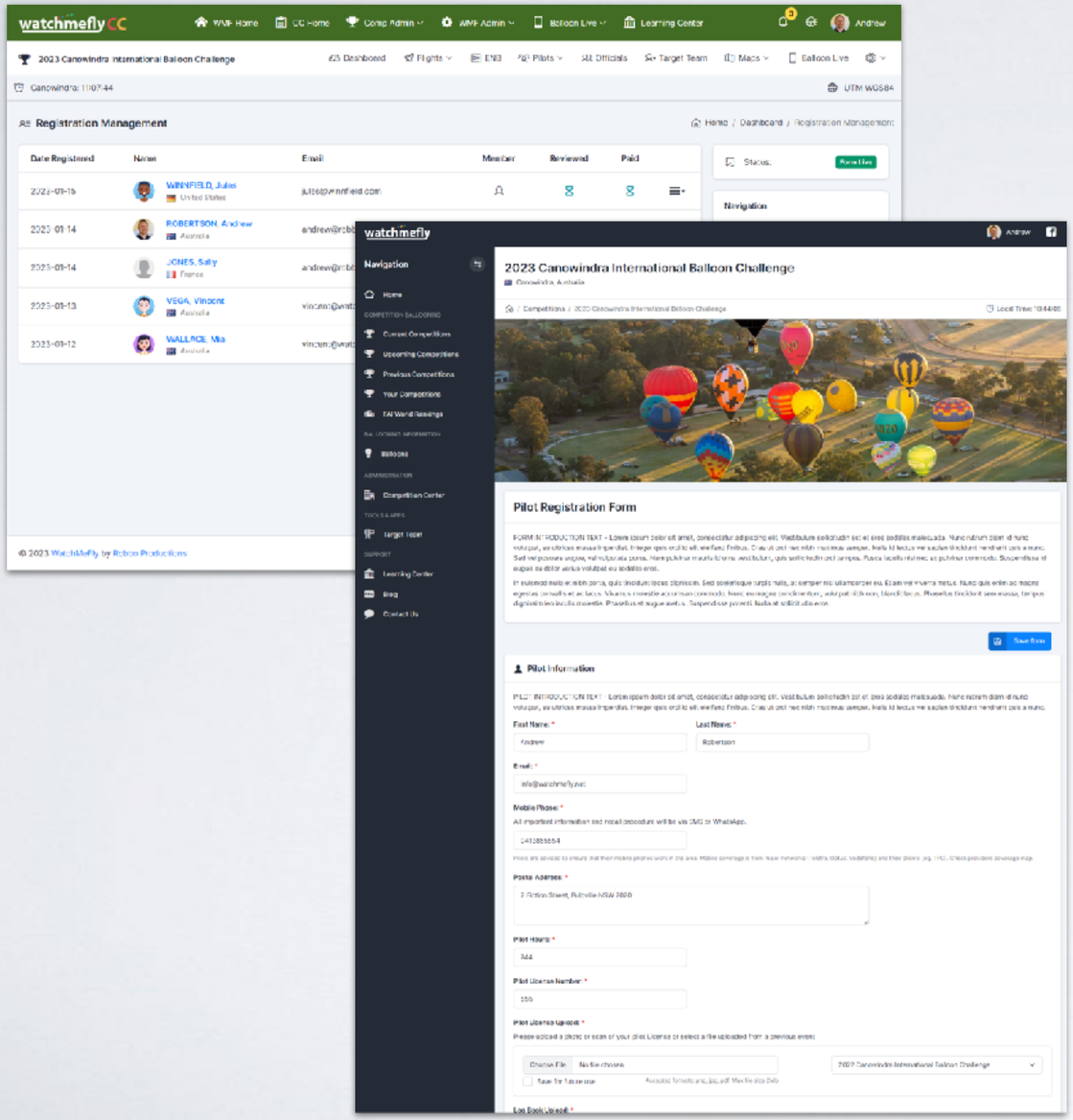
SERVER INFRASTRUCTURE

BalloOn live Sensor

- ✓ 1st Special Sale event: 517 devices sold and delivered in 2021
- ✓ 2nd Special Sale event: 265 devices sold
- ✓ manufacturing difficult and started last week
- ✓ shipping expected end of March and April 2023

PILOT REGISTRATION SYSTEM

PILOT REGISTRATION SYSTEM - THE CONCEPT



For Event Organisers

- Provide a system that allows event organisers to create and customise registration forms for their events using template fields and custom fields.
- A system that allows event organisers to view, manage and export registrations.
- A system that allows event organisers to automatically populate WMF Pilot Lists from registrations.
- Manage and display pilot nominations and invitation/payment status (e.g. for World Championships). This functionality is already live (see 2023 Women's Worlds)

For Pilots

- Ability for pilots to register via the WMF website
- Pre-populate fields with existing profile/pilot information (e.g. WMF biography)
- Ability for pilots to save uploaded documents for future event registrations.

  Ability for pilots to save form after partial completion

watchmefly

WMF PILOT REGISTRATION SYSTEM - QUOTE / BUDGET

Functionality	Price
Design & Specifications	$300
Front End Development	$1,000
Comp Center Development	$1,800
Testing & Launch	$400
Training Video Production	$200
Total (AUD)	**$3,700**

CHF 2,250

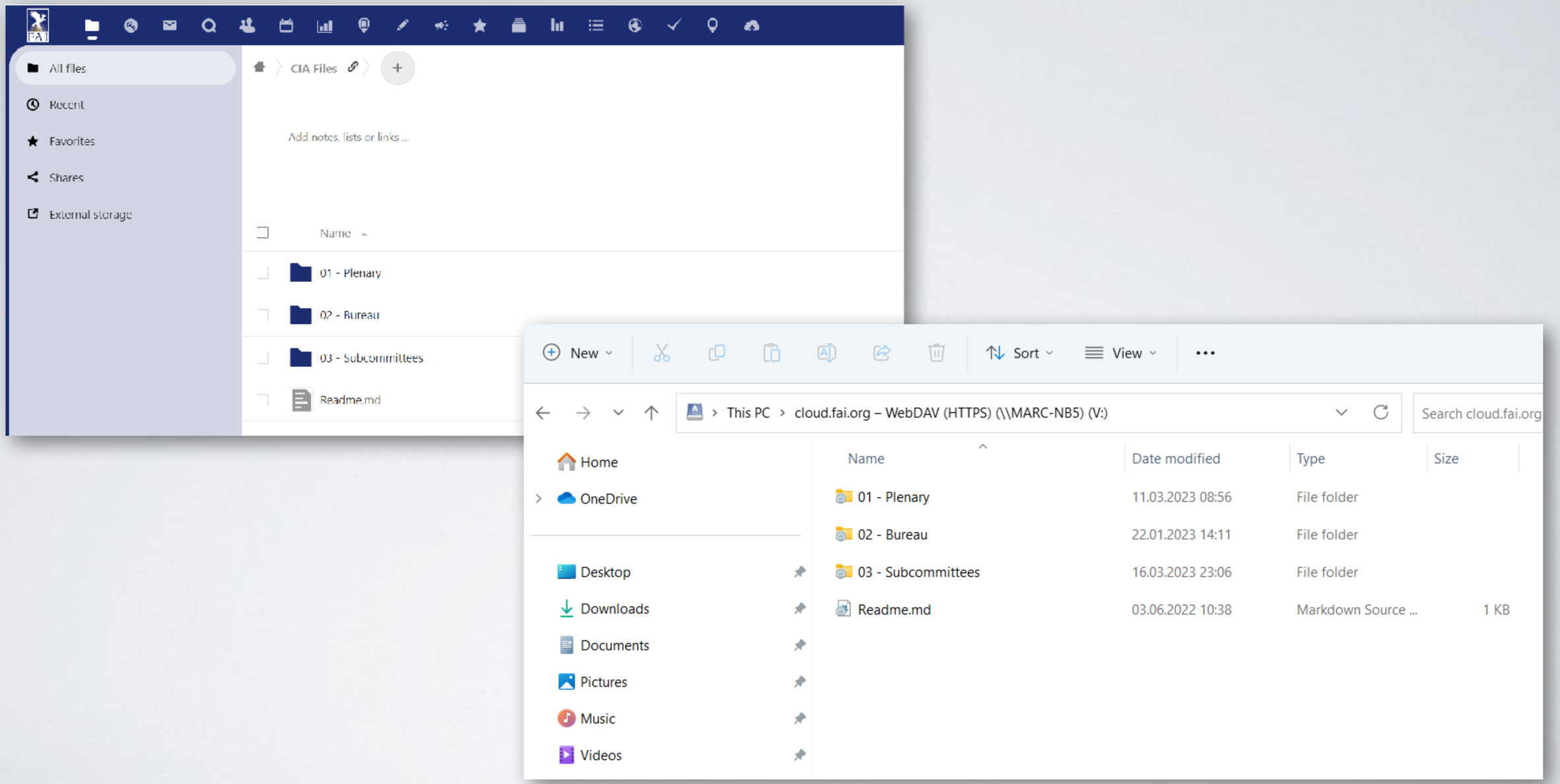
➡ Motion 1

Robbo
PRODUCTIONS

FAI

Current
Data scattered, not available, risk of loosing

New
All data on FAI cloud. Ensure long-term storage and access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Add notes, lists or links ...
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01 - Plenary
02 - Bureau
03 - Subcommittees
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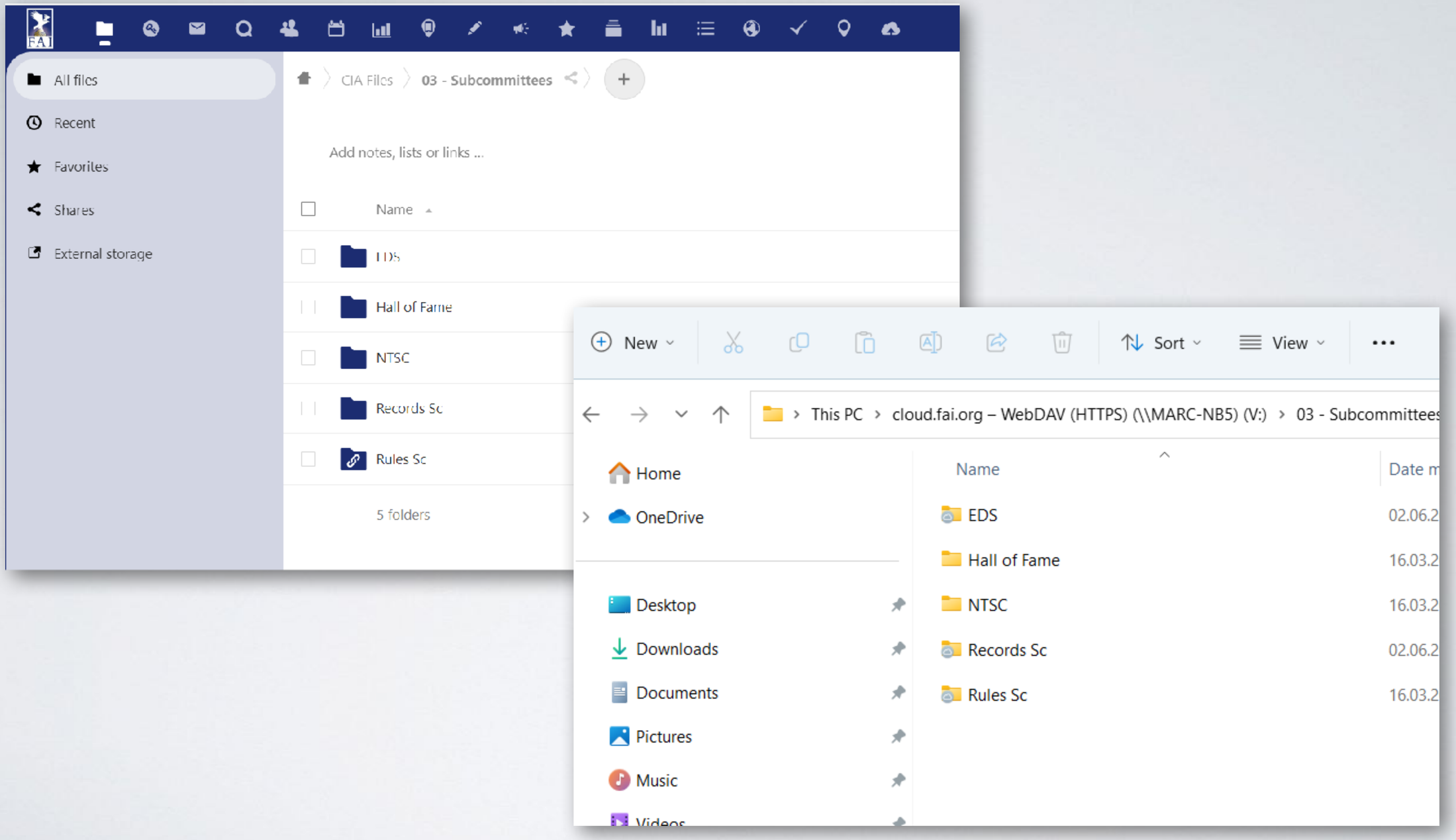
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03 - Subcommittees
Add notes, lists or links ...
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Mountain Duck

Cyberduck for mounting volumes in the file explorer.

Mountain Duck lets you mount server and cloud storage as a disk in Finder on **macOS** and the File Explorer on **Windows**. Open remote files with any application and work like on a local volume.

50 licenses
1,100CHF

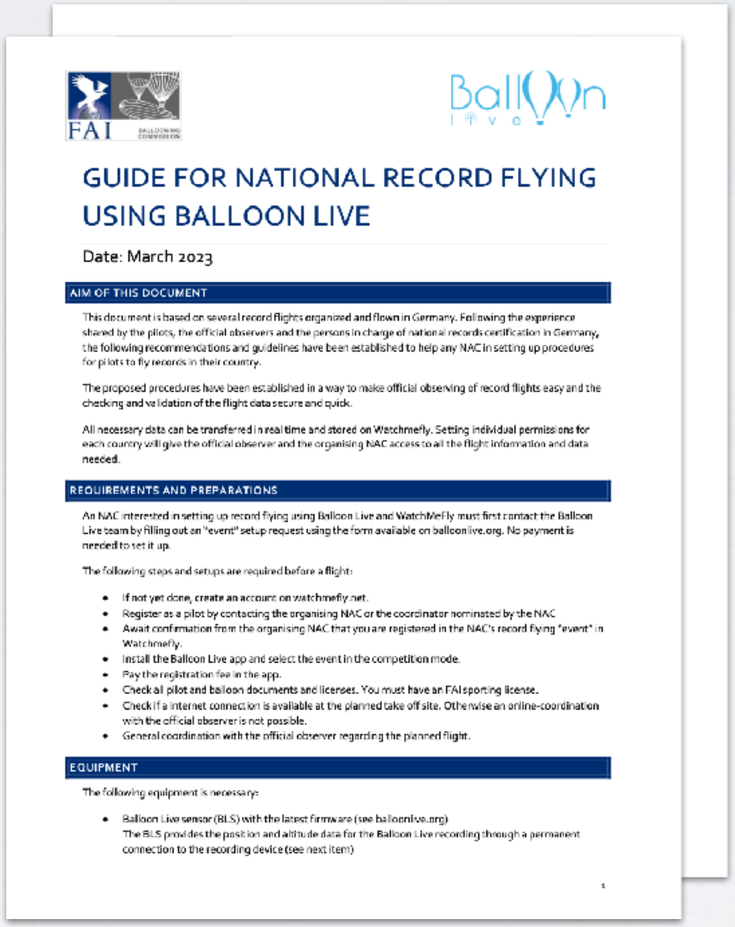
Download for Windows.

Download for Mac.

RECORD FLYING WITH BALLOON LIVE

2-page guide & checklist
(based on a German experience)

Free event created on WMF
for each NAC



FAI

Balloon Live

GUIDE FOR NATIONAL RECORD FLYING USING BALLOON LIVE

Date: March 2023

AIM OF THIS DOCUMENT

This document is based on several record flights organized and flown in Germany. Following the experience shared by the pilots, the official observers and the persons in charge of national records certification in Germany, the following recommendations and guidelines have been established to help any NAC in setting up procedures for pilots to fly records in their country.

The proposed procedures have been established in a way to make official observing of record flights easy and the checking and validation of the flight data secure and quick.

All necessary data can be transfered in real time and stored on Watchmefly. Setting individual permissions for each country will give the official observer and the organising NAC access to all the flight information and data needed.

REQUIREMENTS AND PREPARATIONS

An NAC interested in setting up record flying using Balloon Live and WatchMeFly must first contact the Balloon Live team by filling out an "event" setup request using the form available on balloonlive.org. No payment is needed to set it up.

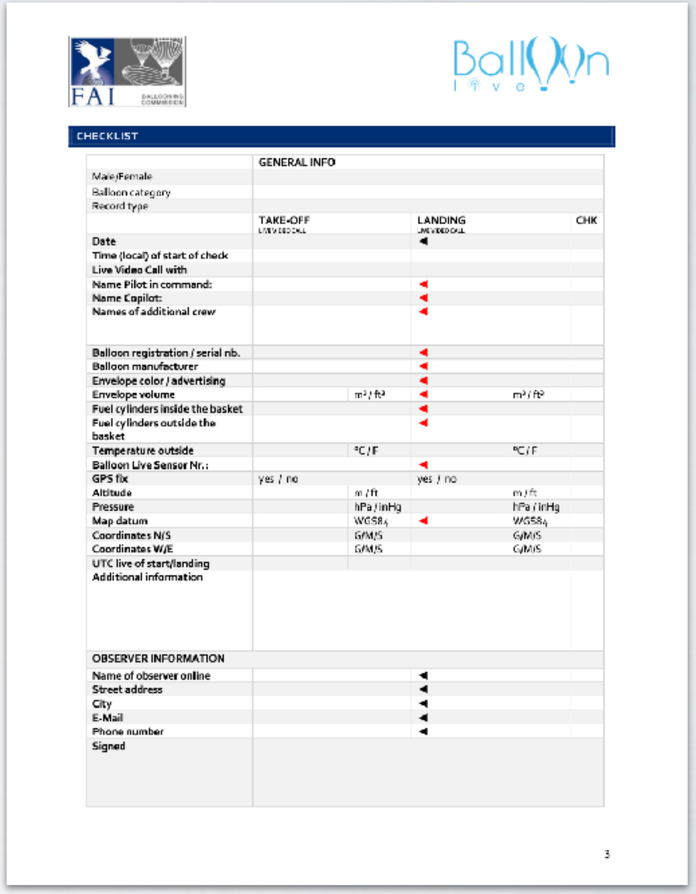
The following steps and setups are required before a flight:

- If not yet done, create an account on watchmefly.net.
- Register as a pilot by contacting the organising NAC or the coordinator nominated by the NAC
- Await confirmation from the organising NAC that you are registered in the NAC's record flying "event" in Watchmefly.
- Install the Balloon Live app and select the event in the competition mode.
- Pay the registration fee in the app.
- Check all pilot and balloon documents and licenses. You must have an FAI sporting license.
- Check if a internet connection is available at the planned take off site. Otherwise an online-coordination with the official observer is not possible.
- General coordination with the official observer regarding the planned flight.

EQUIPMENT

The following equipment is necessary:

- Balloon Live sensor (BLS) with the latest firmware (see balloonlive.org)
  The BLS provides the position and altitude data for the Balloon Live recording through a permanent connection to the recording device (see next item)



FAI

Balloon Live

CHECKLIST

	GENERAL INFO			
Male/Female				
Balloon category				
Record type				
	TAKE-OFF LIVE VIDEO CALL		LANDING LIVE VIDEO CALL	CHK
Date			◀	
Time (local) of start of check				
Live Video Call with				
Name Pilot in command:			◀	
Name Copilot:			◀	
Names of additional crew			◀	
Balloon registration / serial nb.			◀	
Balloon manufacturer			◀	
Envelope color / advertising			◀	
Envelope volume		m³ / ft³	◀	m³ / ft³
Fuel cylinders inside the basket			◀	
Fuel cylinders outside the basket			◀	
Temperature outside		°C / F		°C / F
Balloon Live Sensor Nr.:			◀	
GPS fix	yes / no		yes / no	
Altitude		m / ft		m / ft
Pressure		hPa / inHg		hPa / inHg
Map datum		$WGS84_A$	◀	$WGS84_A$
Coordinates N/S		GMS		GMS
Coordinates W/E		GMS		GMS
UTC live of start/landing				
Additional information				
OBSERVER INFORMATION				
Name of observer online			◀	
Street address			◀	
City			◀	
E-Mail			◀	
Phone number			◀	
Signed				

WORLDS 2024

Email (28.11.2022) from ED Paolo Oggioni confirming that the organiser agrees to the following:

- Use of Balloon Live and WMF as "official scoring system"
- No other scoring system in parallel

MOTIONS

MOTION 1

…to accept the investment of AUD 3,700 (approx. CHF 2,250) to develop the pilot registration system in WMF

MOTION 2

…to accept the investment of CHF 1'100 to acquire 50 licenses for FAI Cloud sync client (Mountain Duck) for all WG/SC members.