

# ***DANMARKSMESTERSKAB I VARMLUFTBALLON 2022***



EVENT RULES  
Version DBu 2022

Disse regler supplerer og til en vis grad erstatter  
AX Model Event Rules  
Version 2021

Herudover en tilpasning som følge af at det er Danmarks mesterskabet og ikke et  
internationalt First Category Event

**I. 1 TITLE**

The Event shall be known as:

DreamBalloon Cup 2022 – Danmarks mesterskabet i ballonflyvning

**I. 2 SANCTION (S1 An3 2)**

The Event is approved and sanctioned by Danish Balloon Federation

**I. 3 ORGANIZATION**

The Event is organised by:

Circus Balloon Club

**I. 4 CORRESPONDENCE**

All entries and official correspondence should be addressed to:

Michael Hesselvig – mobil 2420 8472 – mail [formand@circusballoon.dk](mailto:formand@circusballoon.dk)

**I. 5 PERSONNEL**

Event Director : Jan Andersen

Deputy Director : Kirsten Thorbjørn Hermansson

Chief scorer : Henrik Hermansson

Target teams: Alexandra Mundt

Bjarne Klewitz

Erling Larsen

**I. 6 PLACE**

The Event will be held at:

Vilcom Hotel & Konferencegaard

Lorupvej 44

4200 Slagelse

**I. 7 DATES**

The Event will run from 9. august 2022 (General briefing at 14:00).

The last flying day will be 13. august 2022 (only morning flight).

**I. 8 PROTEST FEE (S1 An3 8.3)**

THE PROTEST FEE TO ACCOMPANY A PROTEST SHALL BE 500 DKK.

**I. 9 LANGUAGE (GS 4.9.5 part)**

I. 9.1 THE OFFICIAL LANGUAGE(S) OF THE EVENT SHALL BE DANISH ALLTHOUGH THE RULES ARE IN ENGLISH.

I. 9.2 Printed material (e.g. Task Data, Meteorological information etc) shall be in Danish where ever that is possible.

**I. 10 PARTICIPATION (GS 4.6.1 part)**

THE EVENT IS OPEN TO ALL BALLOON PILOTS, MEMBER OF DANISH BALLOON FEDERATION (DBu).

**I. 11 CLOSING ENTRY DATE**

The closing entry date and time for the Event is 17. april 2022 kl. 14:30.

**I. 12      RISK**

The balloon and other property of a competitor shall be always at the risk of the competitor.

**I. 13      INSURANCE**

Each balloon shall be insured against all claims by third parties to a minimum of the legal required third part insurance. The competitor shall produce documentary evidence of this insurance valid for the period of the Event covering any balloon which he may fly.

**SECTION II - COMPETITION DETAILS****II. 1 CONTEST AREA (7.1)**

The competition map will be displayed in the briefing room and will be digital available from Electronic Notice Board – [www.watchmefly.net](http://www.watchmefly.net) – [DreamBalloon Cup 2022](#).

Scale 1/50.000 – map datum WGS84 – UTM grid system – Zone 32

Lower left: 636995E 6118995N

Upper right: 688000E 6174000N

**II. 2 OUT OF BOUNDS (7.2)**

Areas Out of Bounds include water and any land not on competition map.

Any changes will be posted at Electronic Notice Board.

**II. 3 PZ LIST (7.3)**

Will be published and updated on the Electronic Notice Board – [www.watchmefly.net](http://www.watchmefly.net) – [DreamBalloon Cup 2022](#).

**II. 4 COMMON LAUNCH AREA(S) (9.1.1)**

Will be published and updated on the Electronic Notice Board – [www.watchmefly.net](http://www.watchmefly.net) – [DreamBalloon Cup 2022](#).

**II. 5 COMMON LAUNCH POINT(S) (9.1.2)**

Will be published and updated on the Electronic Notice Board – [www.watchmefly.net](http://www.watchmefly.net) – [DreamBalloon Cup 2022](#).

**II. 6 LANDOWNER'S PERMISSION (9.2.2)**

**Always obtain landowners permit for launch from private area and fields.**

For morning flight, if unable to contact landowner, it's accepted to launch from harvested fields, if the basket are placed on the road and only the envelope are on the field and a minimum of crewmembers.

**II. 7 LIVESTOCK AND CROP (10.6)**

Balloons shall not fly closer than 500 ft from livestock or buildings containing livestock.

Longer grass (not cut out recently) is also considered as a crop.

**II. 8 DRIVING LAW (10.11)**

Danish law shall always be followed. Any other restrictions will be announced at the General Briefing or ordinary briefings.

**II. 9 AIR LAW (10.14)**

Danish law shall always be followed. Any additional restrictions will be announced at the General Briefing or ordinary briefings.

**II. 10 RECALL PROCEDURE (10.15)**

To be announced at general briefing.

**II. 11 GOAL CENTER (12.1)**

If a road intersection is used as a goal, the goal will be the intersection of the centrelines of the roads.

**II. 12 GOALS SELECTED BY A COMPETITOR (12.2)**

Competitors will not be required to declare goals by reference to map features (junctions, etc.)

Predetermined goals will be listed on [www.watchmefly.net – DreamBalloon Cup 2022](http://www.watchmefly.net – DreamBalloon Cup 2022).

**II. 13 LOCATION OF OFFICIAL NOTICE BOARD (5.10)**

For this event the official notice board (ONB) will be electronic on [www.watchmefly.net – DreamBalloon Cup 2022](http://www.watchmefly.net – DreamBalloon Cup 2022). Electronic notifications of postings to the OBN may be made using a text messaging system.

Location of a fallback paper Official Notice Board will be announced at General Briefing.

**II. 14 COMMUNICATION TIMES (5.3)**

Replies to general inquiries or notification of replies to complaints will be posted immediately as available on the ONB. An electronic notification may be made using a text messaging system. Timing requirements of 5.6.2 will start at the time of the ONB posting.

**II. 15 PUBLICATION TIMES ON THE LAST FLYING DAY (5.6.3)**

All scores, complaints, responses to complaints, protests and jury reports will be posted immediately as available. Electronic notification of postings to the ONB may be made simultaneously using a text messaging system.

**II. 16 FLIGHT CREW (2.2.2)**

N/A.

**II. 17 DETAILS FOR THE USE OF GPS LOGGERS (6)**

a) Logger:

- The Logger used in this Event is the FAI/CIA Flytec logger.
- The logger will be configured by the Event Direction and at no time a competitor is allowed to interfere with the configuration. If the competitor notices a different setup he shall contact the appointed official.

Details on the operation of the logger can be seen on the website <http://www.balloonloggers.org/> , a tutorial is available at <http://www.debruijn.de/FALlogger/lgrindex.php>.

b) Configuration:

The setup for this event will be:

- time interval: 1 second
- altitude: GPS
- altitude unit: feet
- date/time: local time
- map datum: WGS84 / UTM

To qualify as backup a competitor's logger should be set up to a time interval of 5 seconds or less. Satellite based augmentation (WAAS) should be enabled.

c) Handling by competitor:

- The logger will be handed out at the General Briefing (GB). The competitor is responsible for storing, charging and handling the logger throughout the event.
- The logger must be switched on 10-5 min before the intended take-off to allow proper GPS initialization.
- During flight the logger must remain attached to the basket to ensure optimum GPS reception.
- Marker drops and goal declarations are registered at the time the OK key is pressed.

- Declarations in the logger must be made in 4/4 format unless otherwise stated in the TDS.
- Altitudes do not need to be declared unless otherwise stated in the TDS.
- 5-10 minutes after landing the logger must be switched off.
- The SD card in the logger may not be removed or used for any purpose by the competitor except with the explicit permission or instruction of the appointed official
- Competitors experiencing logger operation problems must contact the appointed official before any self-remedy is exercised.

d) Scoring:

- Unless otherwise stated in the TDS, an electronic mark is mandatory for each task where no valid mark has been achieved by physical marker.
- In case the same logger-goal is declared more than once the last valid declaration will be used.
- The Director should define an altitude competitors are scored to if a required altitude declaration is missing.

e) Track data:

The GPS logger track is the property of the competitor but may be made available to the public for live tracking. In such case, explicit permission must be given by the competitor and the publication should have a minimum of 10 min delay.

Failure to follow the instructions 'Details for the use of GPS Loggers' may be penalized without warning

**II. 18 DETAILS FOR TIME LIMITS (rest hours) (5.6)**

The hours between 22:00 – 04:00 / 12:00 – 16:00 local time will be disregarded for the purpose of the time limits of complaints and protests.

**II. 19 BALLOON SIZE (3.3)**

Maximum size category of AX8 (3.000 cbm / 105.000 cbf). The Danish Sporting Committee may give special permit for other Balloon size.

**II. 20 ASSESSED MARK (12.15.2)**

N/A.

**II. 21 ALTITUDE (14.6.4)**

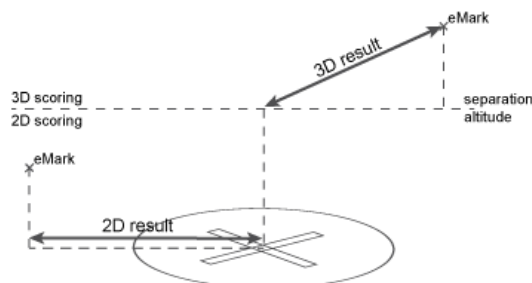
The altitude used for the competition are GPS altitude.

**II. 22 2D/3D SCORING METHODS (12.22.2) (for events with logger scoring)**

The separation altitude between 2D and 3D scoring in this event is 700.ft MSL

When goals or targets on the ground are used, results based on track points will be the:

- 3D-distance to the point at the separation altitude above the goal/target if the track point or electronic mark is above the separation altitude



**II. 23 COMPETITION STRUCTURE (6.1)**

The competition will be conducted using markers in MMA and logger scoring only.

**II. 24 MAP COORDINATES (7.8)**

The basic map coordinate of a UTM map with WGS84 datum is Zone 32U (Zone reference, where 32=zone and U=latitude band).

644782 (6 digits Easting)

6138921 (7 digits Northing)

To identify a point on the competition map, the coordinates must be written in one of the following formats:

6-7 format: this complies with the standard UTM grid format. First six digits easting and second, seven digits northing. (e.g. 654782-6138921)

4-4 format: this format uses two times four-digits. First four digits easting and the second four digits northing. (e.g. 5478-3892), leaving out the 1m digit.

Coordinates may be written in one of the following formats:

Easting's may be separated from Northing's by: a carriage return (=new line), by the minus character or the slash character. In all cases the parts of the coordinates shall be clearly separated and with the Easting's first.

A goal/target list may be provided by the event director and these coordinates will be given in 6-7 format.

## **SECTION III - RULES**

### **CHAPTER 1 - OBJECTIVES**

#### **1.4 DOCUMENTATION**

The following documents will be inspected when each competitor registers on arrival at the Event.

- a. Pilot License
- b. Pilot Log Book
- c. Balloon Log Book
- d. Certificate of Airworthiness
- e. Certificate of Registration
- f. Certificate of Insurance
- g. FAI Sporting License
- h. Medical license

All pilots must sign a declaration, confirming that all documents are valid and legal.

### **CHAPTER 2 - ENTRY CONDITIONS**

#### **2.1 COMPETITOR (GS 4.5.2 part, S1 5.5.5)**

2.1.3 It is accepted that a competitor only participates in one or more of the scheduled flights. Failure to participate in individual flights must occur during General Briefing.

In the situation of a pre-announced absence for a flight, the person concerned will be registered as "Not competing" and will not be included in the Number of competitors entered in the competition (see P under 14.5.5).

2.1.4 During a General Briefing, a competitor may offer the Event Director to fly the "hare balloon" (15.6 Hare and Hounds (HNH) and 15.7 Watership Down (WSD)) on one or more of the scheduled flights.

In the situation that tasks are set after 15.6 Hare and Hounds (HNH) or 15.7 Watership Down (WSD) and the Event Director will make use of the said offer, this will be notified to the relevant competitor at the latest by task briefing.

In this situation the person concerned will be registered as "Not competing" and will not be included in the Number of competitors entered in the competition (see P under 14.5.5).

#### **2.3 QUALIFICATION (S1 5.6.4.1)**

PILOTS-IN-COMMAND SHALL HAVE BEEN AUTHORIZED TO ACT AS PILOT-IN-COMMAND OF THAT SUB-CLASS OF AEROSTAT FOR WHICH THE EVENT IS HELD, AT LEAST TWELVE MONTHS PRIOR TO THE START OF THE EVENT. EACH PILOT-IN-COMMAND SHALL HAVE ACCUMULATED AT LEAST 30 HOURS AS PILOT-IN-COMMAND OF AEROSTATS OF THAT SUB-CLASS BY THE CLOSING ENTRY DATE.

### **CHAPTER 3 - BALLOON QUALIFICATIONS**

#### **3.8 COMPETITION NUMBERS**

All crew vehicles shall be clearly identified on opposite sides with competition numbers.



## **CHAPTER 4 - ORGANIZATION OFFICIALS**

### **4.1 EVENT DIRECTOR (GS 5.5.1)**

- 4.1.1 THE EVENT DIRECTOR SHALL BE IN OVERALL OPERATIONAL CHARGE OF THE EVENT. HE SHALL HAVE A DEPUTY DIRECTOR AND TECHNICAL OFFICIALS TO ASSIST HIM.

## **CHAPTER 6 – OBSERVERS AND LOGGERS**

### **6.11 FLIGHT REPORT FORM (FRF) (in events without observers)**

- 6.11.1 A flight report form (FRF) stating the take-off and landing place and time, estimated task results, landowner related issues and other relevant data shall be completed on [www.watchmefly.net](http://www.watchmefly.net) – DreamBalloon Cup 2022 as quick as possible and maximum NINETY (90) minutes after the landing of that specific flight. When there are problems during your retrieve, please contact the competition director and ask for an ‘extension of time’: 📞 2016 7661.

If the FRF is received too late without an extension of time you may be penalized up to 1000 p.

- 6.11.2 The competitor will return the logger to the designated official(s) and sign off the return in a log sheet. Any undue delay in returning the logger may be penalised.

## **CHAPTER 7 – MAPS**

- 7.3.2 Circular PZs (cylinder or dome shape) shall be defined by the center point map reference and radius in meters and/or feet. PZs with natural boundaries will be plotted on the competition map and shaded excerpts of the map will be displayed on ONB.

## **CHAPTER 8 - PROGRAM, BRIEFINGS**

### **8.2 VALID TASK (S1 5.9.1)**

- 8.2.3 Tasks are not valid if less than 35% of the competitors take off.