



# DEUTSCHER AERO CLUB E.V.

Mitglied der Fédération Aéronautique Internationale und des Deutschen Olympischen Sportbundes

BUNDESKOMMISSION MODELLFLUG – SPORTAUSSCHUSS REKORDFLÜGE

[www.modellflugimdaec.de](http://www.modellflugimdaec.de)



## Open German Model Flying Championship for remote controlled speed models of the class F3-Speed

### Framework announcement

Sporting year 2022

#### 1. Organizer:

The competitions determining the German Model Flying Champion for remote controlled speed models of the classes F3 Speed for the respective sporting year are organized by the Deutscher Aero Club e.V., Federal Commission Model Flying, Sport Committee Record Flights.

Any liability of the competition organizer for damages which occur in connection with the competition organization and execution, in connection with the violation of another competition participant's obligation

- to take out insurance in accordance with § 43 Para. 2, 3 LuftVG,
  - to mark the used model aircraft in accordance with § 19 Para. 3 LuftVZO
  - and/or to provide proof of the required knowledge in accordance with §§ 21a Para. 4 S.1, 21b Para. 1 No. 8 lit. b) LuftVO,
- is limited to cases of intent and gross negligence.

#### 2. Tasks, Titles and Prizes

The purpose of these competitions is to compare the performance of German and international model airplanes in the field of long-distance speed model airplanes, in particular to determine the German Model Airplane Champion in the individual subclasses for the respective sporting year.

For the German Model Flying Championships, the title of "German Model Flying Champion" as well as a 2nd and 3rd class winner will be awarded for each subclass of each propulsion type of the F3Speed class.

These subclasses are:

F3Speed-A	Piston engine displacement 0.00- 3.5cm <sup>3</sup>
F3Speed-B-D	Piston engine displacement 3,51-15,00 cm <sup>3</sup>
F3Speed-F-Limited	Electric motor Energy source optional, max. 72V terminal voltage without load, battery weight max. 20% of FAI weight

F3Speed-F72	Electric motor, free choice of energy source, max. 72V clamping voltage without load
F3Speed-F42	Electric motor, free choice of energy source, max. 42,56V clamping voltage without load
F3Speed-H72	Helicopter electric motor, free choice of energy source, max. 72V clamping voltage without load, <b>no weight limit</b>
F3Speed-H42	Helicopter electric motor, free choice of energy source, max. 42,56V clamping voltage without load, max. 5 kg

The title holders receive badges in gold, silver and bronze as well as certificates of the DAeC. The title of German Model Flying Champion will only be awarded if at least five (5) participants have taken part in the competition in the relevant subclass and have achieved a score.

### 3. Competition Rules

The individual competitions will be held according to the rules of the "Regulations for Model Flying (BeMod)" of the DAeC: [Link to the BeMod](#) for the class F3Speed. The general regulations for competitions with remote controlled model airplanes are to be applied.

The competition rules according to BeMod are supplemented by binding "Supplementary Regulations" according to point 8 of this framework announcement and additional regulations in the competition announcement (Local Rules). Regulations necessary at short notice will be announced to the pilots at the pilots' meeting. Each competition is considered a separate event in the sense of the Model Flying Sport Regulations, including the regulations on the awarding of Model Flying Merit Badges. All times refer to legal time (MET/MEST) unless otherwise stated.

**Deviating from BeMod, a maximum wing loading of 100g/dm<sup>2</sup> (incl. fuel) applies to classes A-D. Class B, C and D will be combined and flown in one classification. Furthermore, the weight restriction is removed in H72.**

#### 4. Eligibility

The German Model Aviation Championship is open. Participation is open to all model airplane pilots who meet the following requirements:

- timely submission of a binding declaration of participation by the deadline set
- timely payment of the entry fee
- proof of a valid owner's liability insurance for model airplanes which fulfills § 43 Abs. 2, 3 LuftVG (should be with the pilot and must be shown on demand),
- proof of knowledge according to §§ 21a Abs. 4 S.1, 21b Abs. 1 Nr. 8 lit. b) LuftVO
- identification of the flight model used by means of **E-ID**
- new EU-rules: <https://www.easa.europa.eu/domains/civil-drones/naa>
- non-EU citizens must register in a country within Europe in order to participate in the competition. I can help with the registration, please send me an e-Mail: [ktmoldtmann@t-online.de](mailto:ktmoldtmann@t-online.de)

With his participation in the German Championship, which is announced by the Federal Commission Model Flying of the DAeC, the participant unconditionally accepts the sport regulations of the Deutscher Aero Club e.V. and the Federal Commission Model Flying as well as the regulations of this framework announcement and the respective competition announcement. Within the framework of the anti-doping regulations, a list of prohibited substances and active agents is available on the website of the National Anti-Doping Agency (NADA), as is a positive list of permitted medications. If necessary, a medical exemption (TUE) may be required. The relevant forms are available for download: [www.nada-bonn.de](http://www.nada-bonn.de)

#### 5. Final Evaluation

The final scoring is evaluated according to BeMod KZF 36-585.9.3

#### BeMod

#### 6. Number and Selection of Competitions

In the sporting year 2022, one (1) competition for the German Championship will be held in the classes specified above.

The location and date of the competition will be determined on the basis of a proposal by the Sport Committee Record Flights of the Federal Commission for Model Flying.

The announcement will be made in the DAeC Modellflug-Sportkalender:

<https://www.daec.de/sportarten/modellflug/leistungssport/wettbewerbskalender/>

as well as on the website for F3Sspeed models: <http://www.speedscene.eu>

The announcements are available online on the mentioned websites at any time; they will not be sent to the participants by mail, email or in any other form.

If changes of venue or date are unavoidable, the Sport Committee Record Flights of the Federal Commission for Model Flying will make the relevant decisions.

In case of mandatory changes of venue or competition date, the Sports Committee Chairman, in coordination with the Board of the Federal Commission, will name an alternative venue and date. If this is not possible, the event will be cancelled without substitution. Please note the "Conditions of Participation in Model Flying Events of the DAeC" (KZF 32-5).

## **7. Conduct of the Competitions**

For the execution of the competitions the "Modellflug-Sportbestimmungen" (BeMod part 32) have to be observed.

## **8. Supplementary Regulations**

According to BeMod KZF 36-5.1.6 the competitor must specify exactly two (2) different frequencies, which, in deviation from 5.5.6.3.f (BeMod KZF 43-556), do not have to fulfill the minimum distance of 20kHz. According to BeMod KZF 36-5.1.3., the remote control must be able to operate simultaneously with other equipment within the frequency spacing required by the approval regulations of the Federal Network Agency for Electricity, Gas, Telecommunications, Post and Railway (Bundesnetzagentur).

All 2.4 GHz remote control systems used must comply with the applicable standards (including EN 300 328).

All models must have "fail-save" and be programmed to "motor off".

All persons present at a competition, e.g., participants, (auxiliary) sport witnesses and spectators, must wear adequate hearing protection according to the respective situation. The pilot and his assistant must wear a helmet and sturdy shoes during the flight.

### Safety concept

Participation in a briefing before taking part in the competition is obligatory. The contest director decides about the execution and the time of an additional briefing for late arrivals.

The competitor has 90 seconds after the end of the frame time to clear the airfield for the next competitor. If this time is exceeded without clearance by the launch site or competition director, the pass score will be zero (0).

## **9. Competition Manager and Sport Manager**

The chairman of the Sport Committee Record Flights appoints the competition manager, who is also the head of flight operations, chief sportsman and sport manager.

## **10. Competition Registration, Starting and Late Registration Fees**

The registration deadline for participation is specified in the competition announcement. Registration is done online at:

<https://mg-airports.eu/competition-registration/F3Speed>

If registration is made in due time, the entry fee for each competition and for each subclass entered amounts to:

EUR 35,00 for seniors

EUR 20,00 for juniors

A participant is considered a junior up to and including the calendar year in which he or she reaches the age of 18.

After expiration of the payment deadline, an additional late entry fee in the same amount as the respective entry fee per class will be due.

Furthermore, a measuring system fee of EUR 5,00 per pilot is to be paid; this fee is used for maintenance/servicing of the measuring system.

Registration is possible for all subclasses.

No entry fee will be charged for helpers. Fee(s) must be transferred to the following account by the stipulated payment deadline:

Account holder: DAeC Bundeskommission Modellflug

Bank: Deutsche Bank PKG Braunschweig

IBAN: DE92 270 700 240 344 499 904

BIC: DEUTDEDB270

Reason for payment: Last name, first name, DM F3Speed, subclass(es)

The registration at the competition location (attendance registration) must be completed by the start of the competition specified in the announcement.

A late registration for an ongoing competition class is also possible on site.

The corresponding entry fees for late entries are to be paid in cash at the time of entry at the competition site.

## **11. Protest Fees**

The fee for a protest is EUR 100,00 and must be deposited along with the protest written in English language.

## **12. Scope of Validity**

The framework and competition announcements are valid only in the current version. The competition participants are obliged to keep themselves informed about changes. The valid version is the one that is available in printed form at the competition and can be inspected at the competition manager. In the event of invalidity of individual provisions, the content and validity of the remaining parts of the framework and competition announcement shall remain unaffected.

**Thomas Moldtmann**  
Chairman  
Sports Committee Record Flights

**Daniel Löw**  
Sports Committee Record Flights  
consultant fixed wing models  
electric motor

**Jörg Hübner**  
Sports Committee Record Flights  
consultant fixed wing models  
piston engine

**Ralf Becker**  
Sports Committee Record Flights  
consultant helicopter model

**Markus Schweinhuber**  
Sports Committee Record Flights  
consultant measuring system

**Harry Boos**  
Sports Committee Record Flights

**Dr. Mario Wolter**  
Sports Committee Record Flights

**Oliver Zanker**  
Sports Committee Record Flights

pilot speaker piston engine

pilot speaker helicopter model

pilot speaker electric motor