



FAI-PERFORMANCES

FOR RECORDS

Sporting Code 3, 2021 Edition

(Supplementary to the FAI-Badges document)

SSSA hereby acknowledges with gratitude the use in part or whole of the guideline as shared by Howard Mills. DAeC.

Disclaimer

Although this presentation is prepared with the best intentions, the current version of the Sporting Code takes priority over the content of this presentation.

Definitions

- An Official Observer (OO) appointed on record level is the person authorized by a NAC to control flights undertaken for an FAI record attempt and to control the data gathered to prove the soaring performance.

Our Sporting Code

- The FAI Sporting Code is our regulatory framework.

The Sporting Code – Section 3

- We are mainly interested in the Section 3C, which contains all the rules and control processes for badge, diploma, and record performances.
- Chapter 1: Definitions
- Chapter 3: Records and record procedures
- Chapter 4: Official Observers and certification
- Chapter 5: Glider classes

Validity

- The Sporting Code applicable for a flight is that version that was valid on the day of the flight.
- This presentation is based on the current Sporting code valid from October 2021
- The sporting Code is found at: <http://www.fai.org/igc-documents>

Records

- FAI-Records: World and Continental records
- National Records.
 - > with exception of the relaxation offered in #6 of the SA National Rules Records are flown according to the Sporting Code
 - > National Club and Junior category have specific rules that apply

Before you attempt a record!

- Read the SC3 Sporting code, in particular: *Chapter 3 Records and Record Procedures*
- Read also the GFAI-badge guide, this guide is supplementary.

Distance Records (sc3 §3.1.5)

a) Goal distance:

Declared start and finish point with no turn points (TPs).

b) Free distance:

Any start-point and finish-point with no TPs.

c) Out-and-return distance:

Closed course with declared start/finish and only 1 TP declared.

d) Free Out-and-return distance:

Closed course with 1 TP selected from a position fix.

e) 3 TP distance :

Release or declared start point to any finish, via 1 to 3 declared TPs.

f) Free 3 TP distance:

Start, finish, and 1 to 3 TPs selected from position fixes.

g) Triangle distance:

Closed-course, declared start/finish with 2 or 3 declared TPs.

h) Free triangle distance:

Closed course with 2 or 3 TPs selected from position fixes.

Speed Records (SC3 §3.1.6)

a) Out & Return speed:

Course as in 3.1.5c with a distance of 500 km or multiples of 500 km.

b) Triangle speed:

Course as in 3.1.5g with distances of 100, 300, 500, 750, 1250 km, or greater multiples of 500 km. A record may be claimed for the declared course and any shorter triangle in compliance with the applicable triangle geometry requirements in 3.1.8.

Important for Triangle flights (SC3 §3.1.8)

- For triangle and free triangle courses shorter than 750 km, no leg may have a length of less than 28% of the course distance.
- For courses of 750 km or more, the length of each leg shall be 25% to 45% of the course distance.

Important for Record attempts

- All FR(s) must have **Level 1 "All Flights"** approval.
- Pilot must have FAI sporting licence
(National records do not require FAI licence)
- The OO must (prior to take-off) hold a written appointment to oversee Record flights
(National records do not require this)
- Any error or omission in the declaration will invalidate the claim.
- If you use more than 1 FR, all FR declarations must be identical.
- For speed records LoH over 1000m invalidates the flight.
- For records outside the country, the Controlling OO will send the relevant documents and the .igc-file to the Organising NAC (AeCSA).
- Make sure the OO is present at take-off and landing and completes the online Flight Certificate
- For FAI World and Continental records:
 - There are specific records for multi-place gliders
 - The Pilot and co-pilot must have FAI-sporting licences if acting as team.

Claiming for World and Continental FAI records

- A “**Preliminary Notification**” of a new record pending claim must be lodged with FAI within 7 days of the flight (*by OO, Organising NAC, or Controlling NAC*).
- Please get info to Claims Officer in 3-4 days latest.
- **Only forms submitted by the OO will be used for the claim.**
- Claim forms:
 - **Form A** (Height)
 - **Form B** (Distance)
 - **Form C** (Speed)
 - **Form D** (Motorgliders)
 - **Form E** (NACs to complete)
 - The Claim forms are submitted by the OO to AeCSA Claims Officer for Gliding.