ICT Committee Report

October 15th 2025

Table of Contents

1. Information and Communication Technology Committee

Ringo Massa, NED (chairman, resigning)

Kari Kemppi, FIN
Thierry Fraise, FRA

Ringo is resigning as chairman. No replacement has been found at publication of this report.

2. Official judging video

Only one competition was held in 2025, namely the WAAC/WIAC in Hungary. Video was recorded by an experienced aerobatic videographer. Video quality was of excellent standard and used to adequately resolve all reviews (6.2 WAAC / WIAC Chief Judge's Report).

3. HMD

There were no CIVA glider competitions in 2025.

4. Aircraft tracking systems

ACROWRX and GyroFX (formerly AeroCoach) continue to make significant improvement and are quickly expanding their userbase. New developments include online competitions and improved analysis algorithms. There is also an automatic scoring system under development at the University of Bristol.

Manuals and descriptions of the systems can be found at:
https://docs.acrowrx.com/
https://gyrofx.net/

5. CIVA championship scoring software

At publication of this report, no Contest Scoring Programme Report is available.

6. OpenAero sequence design software

The software is stable, with regular improvements.

The code is regularly reviewed for clarity and updated to take advantage of modern browser features. Functionality has been included to allow faster rule and sequence library updates, without full app update. The next release is expected to be completed in December. This release will include rules and sequences as decided upon at the Plenary.

Development of an online interface for submitting aerobatic sequences for Category 1 events, as indicated in the 2022 report, is still ongoing. Additionally, it could provide a means to build up a comprehensive database of (anonymized) sequences for pilot training and historic reference. However, there are still several potential security issues with such a system which must be resolved before it can be implemented. This update is now considered as part of a much larger redesign of the Library functionality and (subscription) cloud storage and editing of sequences.

OpenAero is seeing increased use in scale aerobatics. To facilitate this (and use for freestyle sequences), a system for designing any conceivable base figure is being developed. See https://github.com/OpenAero/main/issues/283 .

There are pending requests for other feature additions. Any help in coding these is appreciated. OpenAero is open source and code can be contributed through GitHub.