



**GNSS FLIGHT RECORDER APPROVAL COMMITTEE (GFAC)  
FAI INTERNATIONAL GLIDING COMMISSION (IGC)**

**FÉDÉRATION AÉRONAUTIQUE INTERNATIONALE**

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**References:**

[www.fai.org/gliding](http://www.fai.org/gliding) see under Technology, then under IGC-approved FRs

GFAC web site for FR data: [www.ukiws.demon.co.uk/GFAC](http://www.ukiws.demon.co.uk/GFAC)

**To:** IGC and GFAC Web sites  
**Notification to:** IGC email mailing list <[igc-discuss@fai.org](mailto:igc-discuss@fai.org)>  
Internet newsgroup rec.aviation.soaring  
**Copy:** FR Manufacturer

1 October 2012

**GNSS FLIGHT RECORDER**

**Recorder Name:** EW Avionics EWFR Models A-D

**Level of Approval:** IGC-approval was withdrawn from this type of Flight Recorder on the above date due to factors affecting the security of the FR unit, the cable connection to the separate GPS receiver that is required, the GPS receiver and the resulting IGC flight data files \*

**Use as an Electronic Barograph:** Although IGC-approval for use as a GNSS Flight Recorder has been withdrawn, these models may be used as Electronic Barographs, subject to the usual IGC procedures on pressure altitude calibration.

\* In 2011 and 2012 there were security breaches of different types of IGC-approved FRs, leading to false IGC files being produced that continued to pass the IGC electronic Validation check. As a result, the IGC ANDS and GFA Committees analysed the overall security situation and produced a paper that was approved first by the IGC Bureau and then by the 2012 IGC Plenary meeting. This recommended that several older types of FR were no longer secure enough to retain IGC-approval, and others should have their IGC-approval level reduced. The action date for the changes was 1 October 2012. This type of FR is affected, see above under "Level of Approval". For the complete ANDS/GFAC Security paper see: [www.ukiws.demon.co.uk/GFAC/documents/igc%20fr%20security%202011-10e.pdf](http://www.ukiws.demon.co.uk/GFAC/documents/igc%20fr%20security%202011-10e.pdf)

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