



c/o Gowran Grange Airfield, Punchestown, Naas, Co. Kildare

**Attention all I.G.S.A. Official Observers**

**Re: I.G.S.A. 100 Km Triangle Diploma**

This diploma came into effect on 1<sup>st</sup> May 1994. The rules are straightforward and mostly refer to the requirements for verification of badge flights in the Sporting Code.

- 1) Flights must originate in Ireland.
- 2) Part A shall consist of a completed F.A.I. 28% Triangle of total distance not less than 100 Km. Sporting Code 1.4 refers.
- 3) Part B shall consist of a similar triangle flown at an average speed of not slower than 65 K.P.H. handicapped according to the latest available glider handicap tables approved by the **I.G.S.A.** Timing shall be by ground observation, databack camera or I.G.S.A approved Logger providing all verification procedures are carried out. Sporting Code 2.7 and 2.13 refers.
- 4) All other verification procedures must be carried out as for badge distance flights. Sporting code 2.1 to 2.13 refers.
- 5) Claims must be registered with the **I.G.S.A. Badge Officer** within six months of the date of the flight, for each part. Claim forms are available from the Badge Officer. The fee is € 10.00 per claim.

A few small points:

- Both parts (A & B) can be claimed for the same flight if the criteria is met.
- Flight timing is just a matter of observing the start and finish from the ground, and noting the time. This requires some co-ordination with the pilot. Camera timing is more straightforward. Logger is the best.
- Remember the 1000m maximum start height.
- Check the requirements of the Sporting Code.
- To work out handicapped speed use the following formula

$$\frac{\text{Distance in km} \times 60 \times 100}{\text{elapsed time in minutes} \times \text{glider speed index}} = \text{km/h}$$