



# IGC 2021 Plenary Meeting Report



## Handicap Committee

Christof Geissler, Chairman  
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Since there will be a proposal from a NAC to include all 15m versions of ASW20 into IGC club class handicap list, there was a lively and very constructive discussion about this issue.

There was consensus that such a proposal finds support by the handicap committee for various reasons; increased availability of competitive gliders with some more cockpit crashworthiness compared to much older gliders and performance wise not very different to ASW 20 (already in handicap list). ASW20 versions had been in production form 1977 till 1986.

The following versions of ASW 20 have been discussed (see list below) and their performance has been evaluated on basis of measured data by IDAFLIEG (Association of the German Akafliers, Performance and flight characteristics evaluation) and on basis of experience of members of the handicap committee. It was very obvious, that the overall condition of measured ASW20 versions and their weight and balance matter quite much. Further it has to be taken into consideration that on any world championship, a ASW20 will be in best condition; say surfaces very good condition, gap sealing wherever possible; ZicZac tape in best position and further. This awareness could also lead to a minor adjustment of the ASW20.

Once the plenary meeting will adopt the proposal to include all 15m versions of ASW20 into the handicap list, then this will be done quite quickly and would be available for the next WGC 2021.

ASW 20 published data on Internet				
ASW 20 versions (15m only)	20, 20F	20L(15m)	20B	20C
profile	inner and middle FX63-K-131 / outer FX 60-126	inner and middle FX63-K-131 / outer FX 60-126	inner and middle FX63-K-131 lower profile new from HQ outer FX 60-126 lower profile new from HQ	inner and middle FX63-K-131 lower profile new from HQ outer FX 60-126 lower profile new from HQ
MTOM [kg]	454	454	525	454
water [l]	120	120	150	110
l/d	42	42	43,5	43,5
MMNLP [kg]	235	235	235	235
wing area [m2]	10,5	10,5	10,5	10,5
IGC evaluation				
IGC ref.mass [kg]	372	372	372	372
wing loading (kg/m2)	35,4	35,4	35,4	35,4
IGC Handicap 2020:	1,055	1,055		

Thanks a lot to the members of the Handicap Committee: Russel Cheetham, Tobias Geiger, Denis Guerin, Kai Rohde-Brandenburger

Best Regards

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