

Club Class Glider Mass Form

Glider Type

Registration

Competition ID

The maximum permitted Mass of the non-lifting Parts(Fuselage+Horizontal Stabilizer) must be equal or smaller, than the maximum permitted Mass of non-lifting Parts, as stated in the relevant Flight Manual, EASA Type Certificate Data Sheet (TCDS) or similar official Document.

This Form must be filled out and signed by each Pilot and sent to the Organizers of the relevant Competition, together with all other Registration Forms. The Form is due by the close of Registration.

Last valid Weight and Balance

If possible, the valid Weight and Balance should be made with the glider configured as it will be flown during the competition. This may include, for example:

- all batteries, - electrical or mechanical bugwipers, - additional weight in the tail or heavy tail wheels, - tie-down material etc.
but will not include drinking water.

All changes to the glider configuration since the last official weighing of the glider, must be taken into account, when filling out the this Form, by the addition of mass (in case of additional equipment) or Subtraction of mass (- in case of removal of equipment, for example oxygen bottles)

Date of weighing:

- | | | |
|-------------|-------------------------------------|---|
| (A) | Empty Mass: | <i>(Comp. Configuration, see above)</i> |
| - | Mass of removed Equipment | <i>List on the backside of the Form</i> |
| + | Mass of additional Equipment | <i>List on the backside of the Form</i> |
| (Ak) | Corrected Empty Mass | <i>Competition Configuration</i> |
| (B) | Mass of both Wings (L.+R.) | <i>No additional weights allowed</i> |
| (C) | Mass of Non-lifting Parts | <i>(C) = (Ak) – (B)</i> |

Maximum allowed Operational Limits *(refer to Flight Manual, EASA TCDS, or similar official Document of the concerned aircraft)*

- (D)** Max. certified Mass of Non-Lifting Parts
(E) Max. Takeoff Mass without Water
(F) Max. Takeoff Mass (MTOM)

Maximum allowed cockpit Load

- (G)** Maximum Cockpit Load (MCL) $(G) = (D) - (C)$

Personal Mass of Pilot

- (H)** Mass of Pilot (P)+ Parachute(Pch) $(H) = (P) + (Pch)$

Personal Mass of Pilot (H) ≤ (G) Maximum Cockpit Load

- | | | |
|-----------|---|---|
| HM | Handicap relevant Mass= Mass exceeding the Reference weight of the IGC handicap list (only considered if >=0) | $(HM) = (M-igc) - (H) - (Ak)$ |
|-----------|---|---|

Date:.....

Pilot:.....