

N70FP Weight and Balance

The weight and balance for Pegasus 101A0203 lists an empty weight of 278.19 Kg and empty C of G at 0.6488m. Using this information gives the following load restrictions for the equipped pilot i.e. pilot plus parachute plus drinking water etc.

The maximum useful load is limited by the maximum allowed weight of N70FP. The minimum allowed weight is set by the rear limit of the C of G of $C_r = 0.375m$.

N58KG is a 101B model certified as a 101A model. Use of the rear water bags is forbidden.

	101A	101B
Maximum equipped pilot load, no water ballast	89.8 Kg = 198 lbs	101.8 Kg = 224.4 lbs
Maximum equipped pilot load, full water ballast	58.5 Kg = 128.9 lbs	108.5 Kg = 239.1 lbs
Minimum equipped pilot load, no water ballast	74.3 Kg = 163.8 lbs	74.3 Kg = 163.8 lbs
Minimum equipped pilot load, full water ballast	48.4 Kg = 106.6 lbs	48.4 Kg = 106.6 lbs