

British Gliding Association



Weight and Balance Schedule – Powered Aircraft

Registration:	Type:	Serial number:
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Maximum Total Weight Authorised:	For Centre of Gravity limits refer to:
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Part "A" Basic Weight

The basic weight of the aircraft calculated from weighing report.....dated.....
And additional items as detailed below is.....Kgs.

The centre of gravity of the aircraft in the same condition at this weight is.....mm
Fwd/Aft of the datum

The total moment about the datum in this condition is.....Kg/mm

The datum point of this aircraft is;

The basic weight includes..... Litres of unusable fuel and full engine oil, also the weight of the following items which comprise the list of basic equipment.

Basic equipment

Additional Items

Weight (Kg)

Arm (mm)

Moment (Kg/mm)

Part “B” Variable Load

The weight and lever arms of the variable load are shown below. The variable load depends upon the equipment carried for a particular role

Item	Weight (Kg)	Arm (mm)	Moment (Kg/mm)
Pilot P1	Use actual		

Part “C” Loading information (Disposable Load)

Fuel (0.73 Kg/Lt. Avgas)			
Engine oil (0.9 Kg/Lt.)			
Fwd Baggage Or Hopper			
Rear Baggage			
Passenger Row 1			
Passenger Row 2			

The commander of an aircraft registered in the United Kingdom shall satisfy him/her self before the aircraft takes off, that the load carried by the aircraft is of such weight and is so loaded and secured that it may be safely carried on the intended flight.

This schedule was prepared on.....and supersedes all previous issues.

Signed.....Authorisation number.....

British Gliding Association. CAA approval DAI/8378/73