

Empty weight center of gravity: Serial No. **0705-6885**Basic empty weight (standard equipment): kg
Operating empty weight (incl. optional equipment): kg

Typ: C 42 - Aircraft data sheet No:

a = **733** mm, b = **1504** mm
$$G_1 \quad G_{1R}: 105.2 + G_{1L}: 104.9 = 210.1 \text{ kg}$$

$$G_2 = 69.4 \text{ kg}$$

$$G \text{ total} = 279.5 \text{ kg}$$
 x_s mm: **359.6** mm x_s %: **26.44** % L

It is the pilot's responsibility to ensure that the MTOW of 1041 lbs (472.5 kg) is not exceeded.

max. useful load: kg
MTOW: 472,5 kgDate: **10/05/07**Signature: **[Signature]****Loading plan**

position	weight x lever arm = torque		
	kp	cm	kg kp
empty weight	279.5	35.96	10050.02
1. seats		40	
2. fuel		95	
3. baggage		130	
total weight	kp	total torque	kp
center of gravity CG =		total torque [cm kp]	= cm
		total weight [kp]	

allowed range for CG: 300 - 520 mm behind zero datum (leading edge)
 empty weight CG: 280 - 425 mm behind zero datum (leading edge)