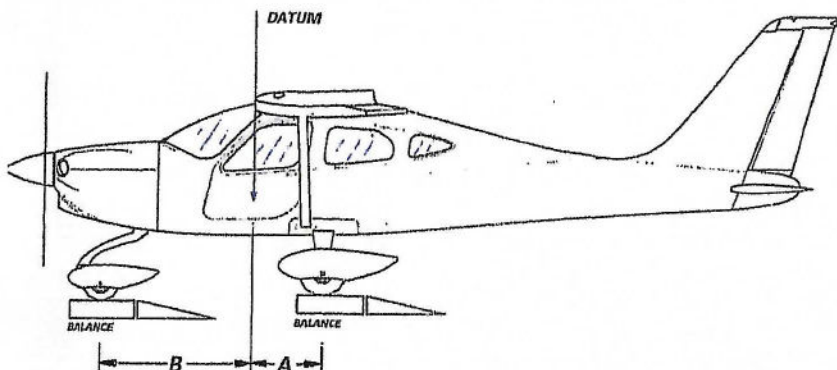


2.5. WEIGHING RECORD

Model P2010 S/N: 14405 Weighing no. I Date: 21 Jul 2021

Datum: leading edge vertical



| | kg or lbs | | meters or feet |
|--------------------------|-------------|------------------------------------|----------------|
| Nose wheel weight | $W_1 = 320$ | Plumb bob distance LH wheel | $A_L = 2,208$ |
| LH wheel weight | $W_L = 701$ | Plumb bob distance RH wheel | $A_R = 2,208$ |
| RH wheel weight | $W_R = 703$ | Average distance $(A_L + A_R)/2$ | $A = 2,208$ |
| $W_2 = W_L + W_R = 1404$ | | Plumb bob distance from nose wheel | $B = 6,634$ |

Empty weight $W_e = W_1 + W_2 = 1730$ [kg] or [lbs]

$$D = \frac{W_L(A - 0.013) - W_R(0.013)}{W_e} \quad [m] \longrightarrow D\% = \frac{D}{1.370} \cdot 100$$

$$D = \frac{W_L(A - 0.043) - W_R(0.043)}{W_e} = 0,805 \quad [ft] \longrightarrow D\% = \frac{D}{4.520} \cdot 100 = 13,1\%$$

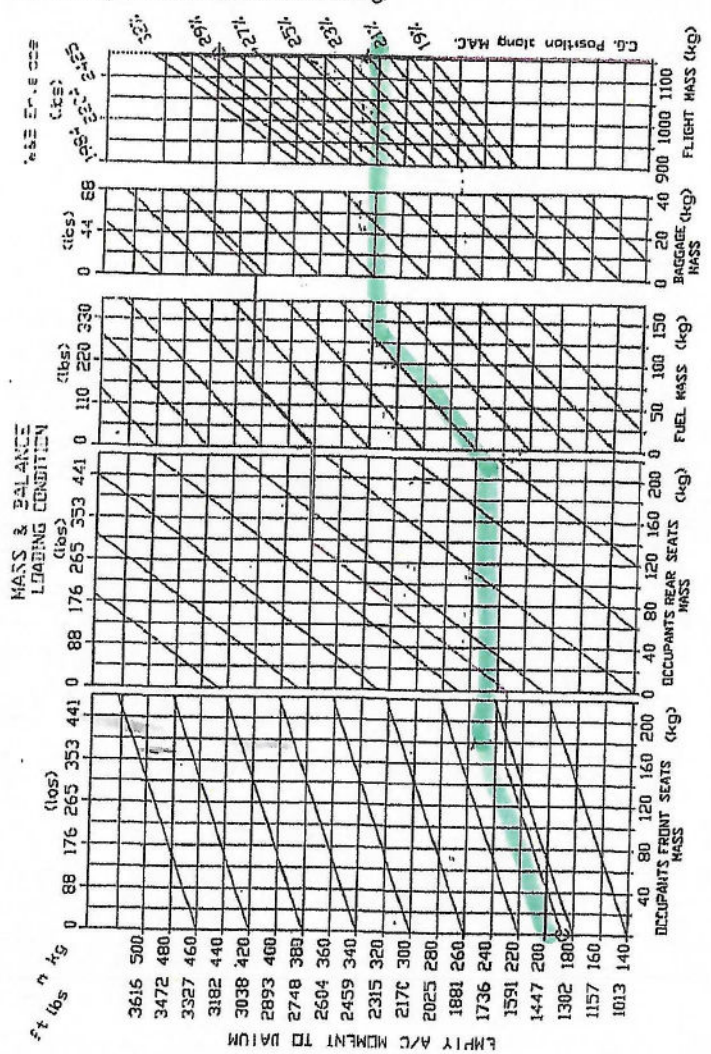
Empty weight moment: $M = (D \cdot W_e) = 1436$ [m·kg] or [ft·lbs]

| | | | |
|------------------------------|--------------|---------------|-----------|
| Maximum takeoff weight | $W_T = 2557$ | [kg] or [lbs] | Signature |
| Empty weight | $W_e = 1730$ | [kg] or [lbs] | |
| Max. useful load $W_T - W_e$ | $W_u = 827$ | [kg] or [lbs] | |

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3. WEIGHTS AND C.G.

C.G. position can be defined by means of the chart below. The pilot is responsible for ensuring the correct useful load loading.



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