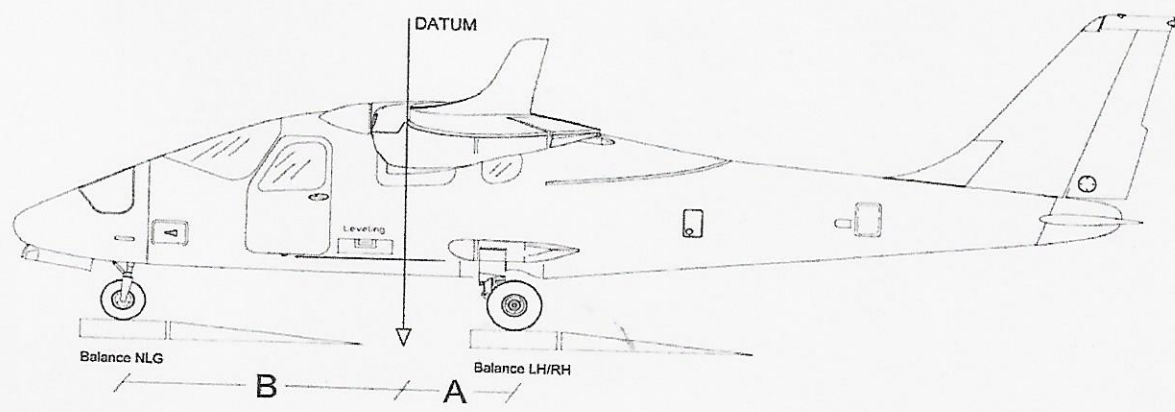


P2006T - Maintenance Manual

Model **P2006T** S/N: 247 Weighing no. 4
 Date: 10/23/22

Datum: leading edge vertical



	Kg or Lbs		Meters or feet
Nose wheel weight	$W_1 = 258$	Plumb bob distance LH wheel	$A_L = 33.25$
LH wheel weight	$W_L = 867.45$	Plumb bob distance RH wheel	$A_R = 32.5$
RH wheel weight	$W_R = 815.45$	Average distance $(A_L + A_R)/2$	$A = 32.875$
$W_2 = W_L + W_R = 1683.9$		Plumb bob distance from nose wheel	$B = 83.375$

Empty weight $W_e = W_1 + W_2 = 1941.9$ [kg] or [lbs]

$D = \frac{W_2 \cdot A - W_1 \cdot B}{W_e} = 1.45$ [m] or [ft] $D\% = \frac{D}{4.34} \cdot 100 = 33.029\%$

Empty weight moment: $M = (D \cdot W_e) = 2815.75$ [Kg · m] or [Ft · Lbs]

Maximum takeoff weight	$W_T = 2712$ [kg] or [lbs]	Signature <u>UJ</u>
Empty weight	$W_e = 1941.9$ [kg] or [lbs]	
Max. useful load $W_T - W_e$	$W_u = 770.1$ [kg] or [lbs]	

Figure 3. CG and moment computation chart