

Figure 6.1: Weighing Report

Model: DA 20

S/N: 10.098

Registration: DEPHD

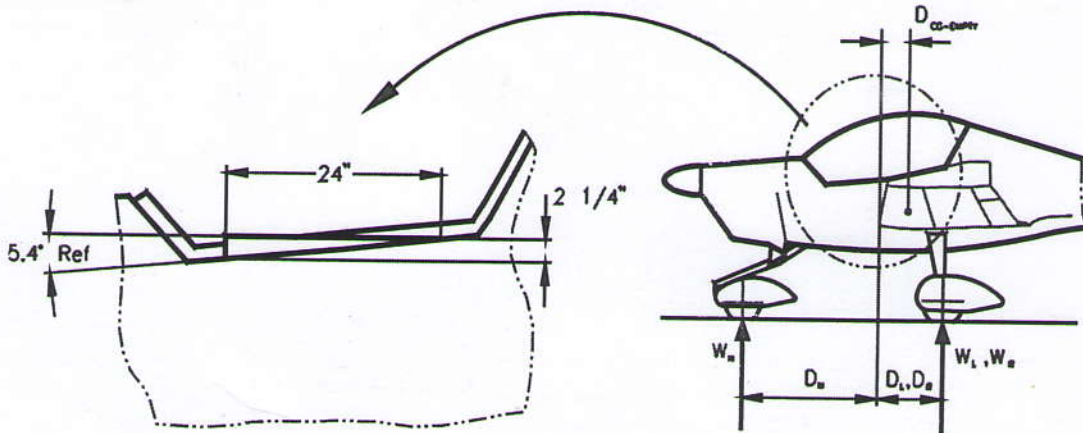
Data in accordance with TCDS and Flight Manual

Reason for Weighing: _____

Reference Datum: Leading edge of wing at root rib

Horizontal reference line: 24" Spirit Level placed on Fuselage Canopy Rail (L or R), supported at front by a 2 1/4" spacer as shown below

Weighing Conditions: including brake fluid, lubricant, coolant and unusable fuel (3.31 lbs/1.5 kg)
Equipment List dated: 20.12.2023



Support	Gross [lbs] ([kg])	Tare [lbs] ([kg])	Net Weight [lbs] ([kg])	Lever Arm [in] ([m])
Nose			$W_N = 701.0$	$D_N = -1.143$
Main Left			$W_L = 225.7$	$D_L = 0.559$
Main Right			$W_R = 229.6$	$D_R = 0.559$
Empty Weight $W_T = W_N + W_L + W_R =$			<u>525.3 lbs (kg)</u>	

Empty Weight Moment $M = W_N \times D_N + W_L \times D_L + W_R \times D_R =$ 774.40 in-lbs [m kg]

Empty Weight CG Position $\frac{\text{Empty Weight Moment}}{\text{Empty Weight}} = \frac{M}{W_T} =$ 0.3320 in [m]

(Positive results indicate, that CG is located aft of RD)

Maximum Permissible Useful Load:	Maximum Weight [lbs] ([kg])	+	<u>730</u>
	Empty Weight [lbs] ([kg])	-	<u>525.3</u>
	Max useful Load [lbs] ([kg])	=	<u>204.7</u>

Data to be entered into the Flight Manual: see page 6-6

Empty Weight [lbs] ([kg])	<u>525.3</u>	Empty- Weight-Moment [in-lbs] ([kg-m])	<u>774.4</u>
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Place / Date	Inspector's Stamp	Inspector's Signature
<u>20.12.2023</u>		