

Figure 6.1: Weighing Report

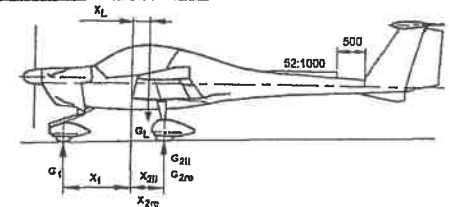
Model: DV 20 S/N.: 20.081 Registration: OE-CDU

Data in accordance with TCDS and Flight Manual Reason for Weighing: ARC Findings
 Reference Datum : Leading edge of wing at root rib
 Horizontal reference line: Wedge 52:1000, 500 mm (19.69 in.) forward of rudder fin

Weighing and empty mass (weight) CG

Equipment list - dated: 08.05.2003

Weighing Conditions: Including Brake Fluid,
 Lubricant, Coolant and
 Unusable Fuel (1.5 kg /3.31 lbs.)



Support	Gross [kg] (lbs)	Tare [kg] (lbs)	Net Mass [kg] (lbs)	Lever Arm [m] (in)
Front G ₁			78,6	x ₁ = 1,127
Rear G _{2II}			214	x _{2II} = 0,582
Rear G _{2re}			215	x _{2re} = 0,582
Empty Mass(Weight) G _L =			507,6	kg (lbs.)

CG Position for Empty Mass (Weight):

Empty Mass (Weight) Moment: $M_L = G_L \cdot x_L = 507,6 \cdot 0,326 = 165,39 \text{ kg} \cdot \text{m} \text{ (in} \cdot \text{lbs)}$

Maximum Permissible Useful Load:

Maximum Mass (Weight) [kg] (lbs)	730,0
Empty Mass (Weight) [kg] (lbs)	507,6
Max useful Load [kg] (lbs)	222,4

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

Empty Mass (Weight) [kg] (lbs.)	Empty Mass Moment [kg*m] (in*lbs)
507,6	165,39

Place / Date	A.M.E.'s Stamp	A.M.E.'s Signature
LOAN 27062016	A-934 47.145.001	

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