

Weighing Report

Model: DV 20

S/N.: 20.041

Registration: DE-C00

Data in accordance with TCDS respectively Flight Manual

Reason for Weighing: CAWO

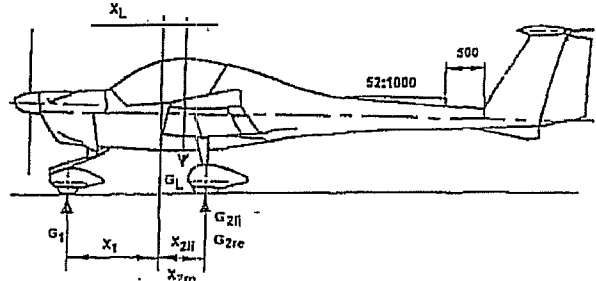
Reference Datum : Leading edge of wing at root rib

Horizontal reference line: Wedge 52:1000, 500 mm (19.69 in.) forward of rudder fin

Weighing and empty mass(weight) CG

Equipment list - dated: 04.05.2016

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			78,2	x ₁ = 1,134
Rear G _{2fl}			214,0	x _{2fl} = 0,583
Rear G _{2re}			218,0	x _{2re} = 0,583
Empty Mass(Weight) G _L =			511,2	kg (lbs)

CG Position for Empty Mass (Weight): 0,3152 m

Empty-Mass(Weight)-Moment: $M_L = G_L \cdot x_L = \underline{511,2} \cdot \underline{0,3152} = \underline{163,18} \text{ kg} \cdot \text{m}$

Maximum Permissible Useful Load:

Maximum Mass (Weight) [kg] ([lbs])	730,0 kg
Empty Mass (Weight) [kg] ([lbs])	511,2 kg
Max useful Load [kg] ([lbs])	218,8 kg

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

Empty Mass (Weight) [kg] ([lbs])	Empty- Mass-Moment [kg*m] ([in*lbs])
511,2 kg	163,18

Place / Date <u>LOAD / 1309 2017</u>	A.M.E.'s Stamp 	A.M.E.'s Signature
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June 1993