

# PIETENPOL FIELD



D is .5" back of weighing point ————— L equals 158.5" ————— R weighing point

1966 PIETENPOL AIR CAMPER POWERED WITH A 110-66 CORVAIR ENGINE

(D) Actual measured horizontal distance from the main wheel weighing point to the datum. Datum is the leading edge of the wing on this aircraft.

(L) Actual measured horizontal distance from the rear weighing point to the main wheel weighing point.

(R) Weight of the tail at the weighing point. Tail weight is weighed 1.5" forward of the tail post.

Empty weight and 1 Gal. oil	Plus 8 Gal. gas & 167 Lb. pilot	Plus 8 Gal. gas & 210 Lb. pilot
Right wheel	377	397
Left wheel	377	397
Tail weight	84	98
Total weight (W)	838	892

$$\text{C.G.} = D + \frac{R \times L}{W}$$

$$= -.5 + \frac{30 \times 158.5}{622}$$

$$= -.5 + 7.64$$

$$\text{C.G.} = 7.14"$$

$$= -.5 + \frac{84 \times 158.5}{838}$$

$$= -.5 + 15.89$$

$$= 15.39"$$

$$= -.5 + \frac{98 \times 158.5}{892}$$

$$= -.5 + 17.44$$

$$= 16.94"$$

C.G. (measured from leading edge)  
SHOULD NEVER BE OVER 20"