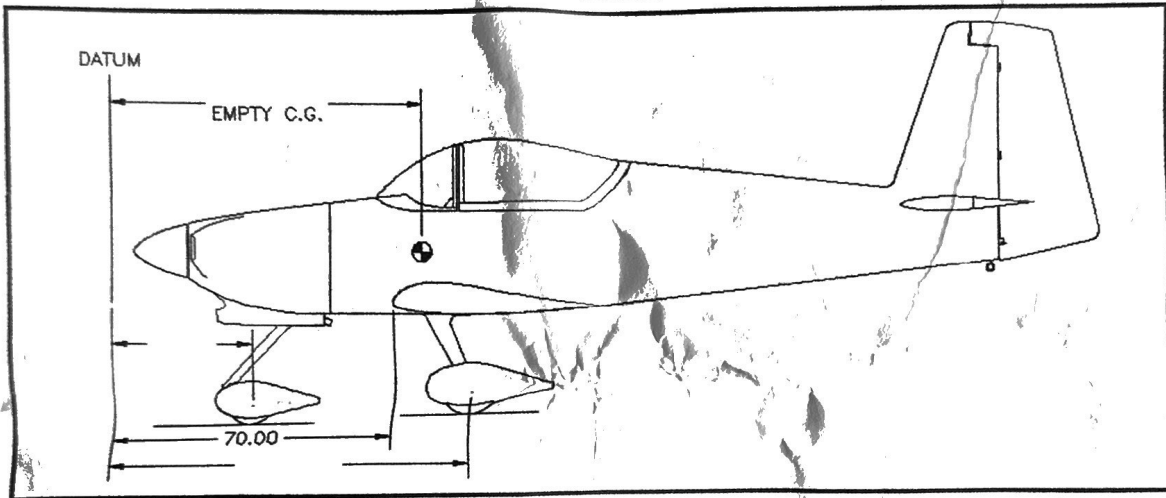


WEIGHT & BALANCE DATA for RV-9A:MAKE: Vans Aircraft
REGISTRATION N752KEMODEL: RV-9ASERIAL 91263

Datum 70 inches forward of wing leading edge. (L.E.)
 Design C.G. Range 15%-28% of wing chord, or 7.95-14.84 inches from L.E., or 77.95-84.84 inches aft of Datum.
 Wing L.E. 70 inches aft of datum.
 Fuel 76.75" aft of datum
 Pilot & Passenger 92.7" aft of datum
 Baggage 122" aft of datum

Aircraft Weighed empty in level flight attitude. Includes 8 qts. of oil, no fuel)

Main wheel, right 91.625 in. aft of datum.
 Main wheel, left 91.625 in. aft of datum.
 Nose wheel 34.060 in. aft of datum.

DETERMINING EMPTY CG

	Weight	Arm	Moment
Right Wheel	<u>410lb</u>	<u>91.625</u>	<u>37566</u>
Left Wheel	<u>412lb</u>	<u>91.625</u>	<u>37749</u>
Nose Wheel	<u>259lb</u>	<u>34.060</u>	<u>8822</u>
Total:	<u>1081lb</u>		<u>84137</u>

EMPTY AIRCRAFT C.G. = $\frac{84137}{1081} = 77.83$ inches aft of datum.

Kent Foster 9-20-2017