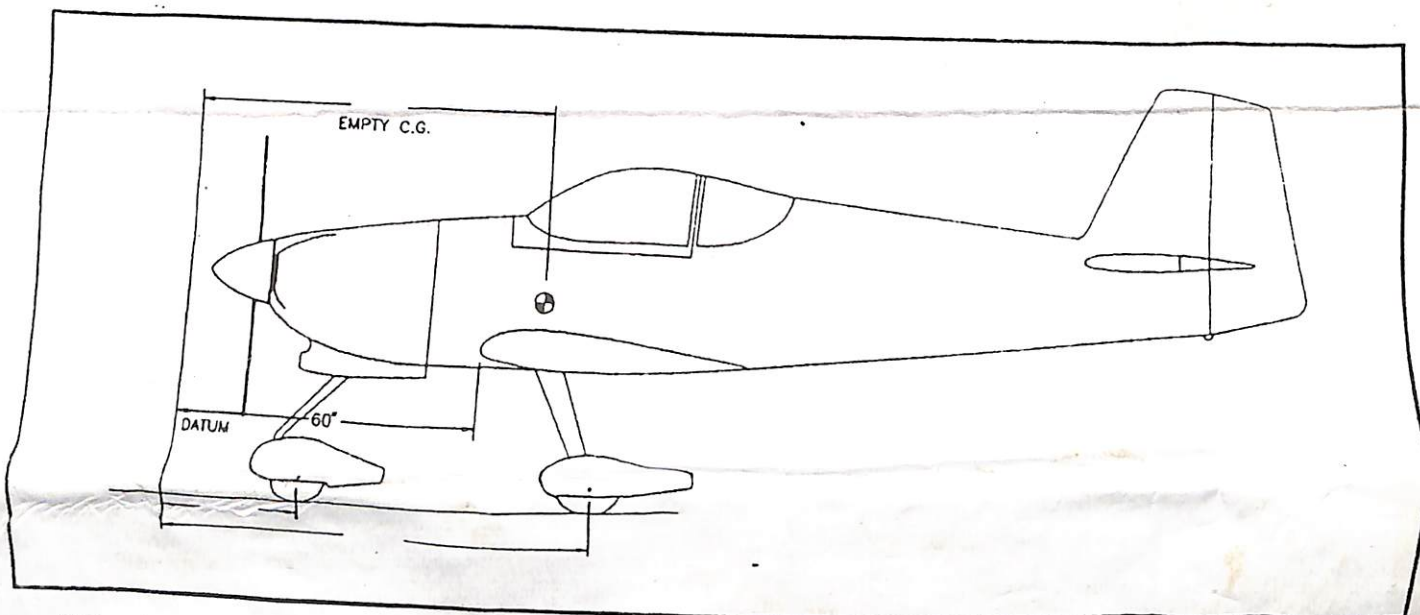


WEIGHT & BALANCE DATA for RV-6A:

MAKE: VAN'S MODEL: RV 6A SERIAL 24658 REGISTRATION N26KS

Datum 60 inches forward of wing leading edge. (L.E.)
 Design C.G. Range 15% to 29% of wing chord, or 8.7" to 16.8 inches from L.E., or 68.7 to 76.8 aft of datum.
 Wing L.E. 60 inches aft of datum.
 Baggage 117" aft of datum
 Fuel 70" aft of datum
 Pilot & Passenger 87.4" aft of datum

Aircraft weighed in level flight attitude. (includes 8 qts. of oil, no fuel)



Main wheel, right _____ aft of datum.
 Main wheel, left _____ aft of datum.
 Nose wheel _____ aft of datum.

DETERMINING EMPTY CG

	Weight	Arm	Moment
Right Wheel -	<u>4.23</u>	<u>84.125</u>	_____
Left Wheel -	<u>4.18</u>	<u>84.26</u>	_____
Nose Wheel -	<u>2.72</u>	<u>28.56</u>	_____
TOTAL:	<u>11.13</u>		_____
C.G. = _____			_____ " aft of datum for empty weight CG

After determining empty CG use sample problem sheet to calculate different conditions and loadings

SEE RV-6 FOR SITUATION PROBLEMS

WEIGHED ON ROAD RUNNER A.C. SCALES CALIBRATED ON 05-17-02
DUE 05-17-03

06-13-01 Kenneth W. Schmitz REPAIRMAN CERT 2684251