

WEIGHT & BALANCE DATA for RV-10:MAKE: Vega's Aircraft
REGISTRATION: N4619MODEL: RV10SERIAL: 40057Datum
Design C.G. Range99.44 inches forward of wing leading edge. (L.E.)
15%-30% c.f wing chord, or 8.4-16.8 inches from L.E., or 107.84-116.24 inches aft of Datum.Wing L.E.
Fuel

99.44 inches aft of datum.

108.9" aft of datum

Pilot & Front Seat Passenger

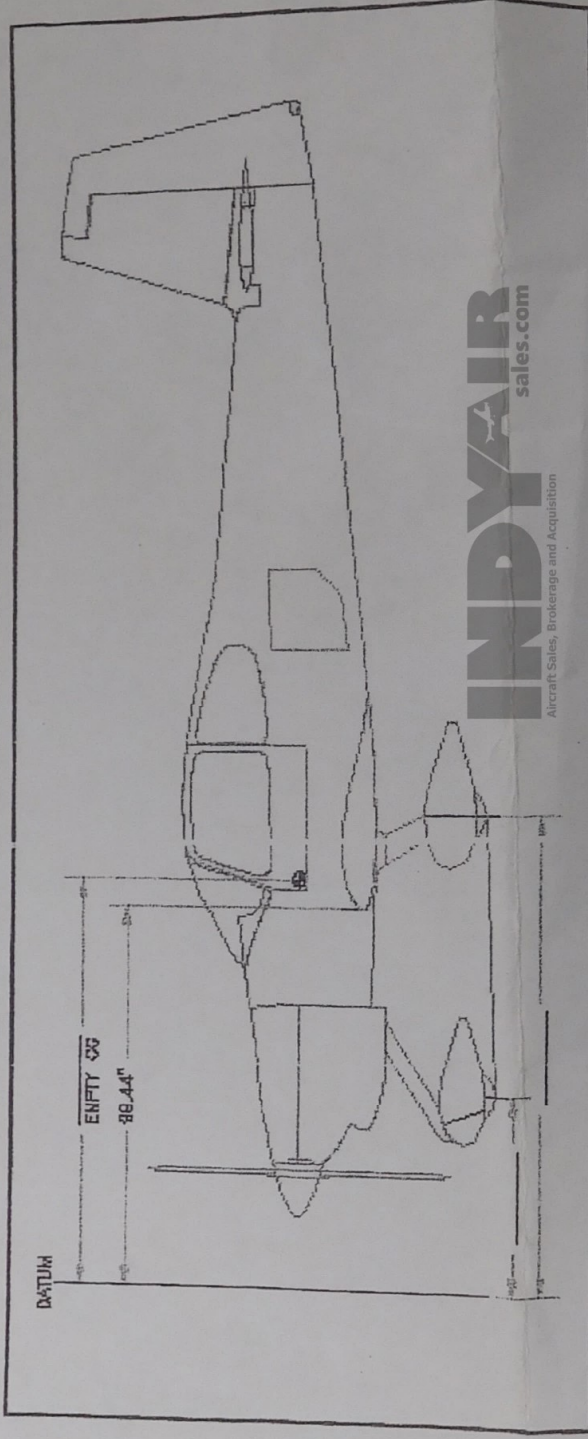
114.58" aft of datum

Rear Seat Passenger(s)

151.26" aft of datum

Baggage

173.5" aft of datum

Aircraft Weighed empty in level flight attitude. Includes 12 qts. of oil, no fuel!

Main wheel, right 122.69 in. aft of datum.
Main wheel, left 122.69 in. aft of datum.
Nose wheel 48.20 in. aft of datum.

DETERMINING EMPTY CG

Weight	Arm	Moment
<u>716</u>	<u>122.69</u>	<u>87,846.04</u>
<u>707</u>	<u>122.69</u>	<u>86,741.83</u>
<u>355</u>	<u>48.20</u>	<u>17,111</u>
<u>1778</u>		<u>191,698.87</u>

EMPTY AIRCRAFT C.G. = 191,698.87 / 1778 = 107.82 inches aft of datum.

A8P3235577 Roberto Rodriguez
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