

RV-12iS Weight & Balance Worksheet

AIRCRAFT: N5954 (registration)

12185 (SN)

DATE: 3/10/2025

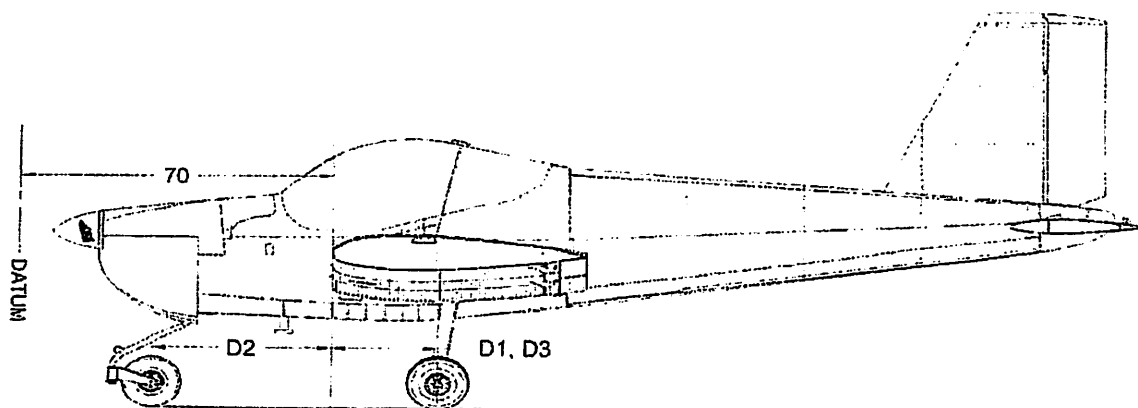


TABLE 1 - Use Left Rear, Right Rear & Right Front Scales as denoted below

	LEFT WHEEL (LR)	NOSE WHEEL (RF)	RIGHT WHEEL (RR)
WEIGHT	<u>317</u> lb	<u>151.5</u> lb	<u>322</u> lb
	(W1)	(W2)	(W3)
DISTANCE FROM AXLE CENTER TO LEADING EDGE	<u>23.5625</u> in	<u>40</u> in	<u>23.4375</u> in
	(D1)	(D2)	(D3)

TABLE 2

	WEIGHT	ARM	MOMENT
LEFT WHEEL	<u>317.0</u> lb	<u>93.5625</u> inches	<u>29659.31</u> in-lb
	(W1*)	(A1 = 70 + D1)	(M1 = W1* x A1)
NOSE WHEEL	<u>151.5</u> lb	<u>30</u> inches	<u>4545</u> in-lb
	(W2*)	(A2 = 70 - D2)	(M2 = W2* x A2)
RIGHT WHEEL	<u>322</u> lb	<u>93.4375</u> inches	<u>30086.88</u> in-lb
	(W3*)	(A3 = 70 + D3)	(M3 = W3* x A3)

* Adjusted for scale calibration

EMPTY WEIGHT = 790.5 lb

EMPTY ARM= 81.32978 in

(W1 + W2 + W3)

-(Empty Moment/ Empty Weight)

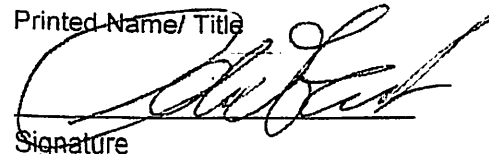
EMPTY MOMENT = 64291.188 in-lb

(M1 + M2 + M3)

Aircraft measured, weighed and worksheet filled out by:

Adam Grant AAD Tech

Printed Name/ Title



Signature