

RV-12iS Weight & Balance Worksheet

AIRCRAFT: N626NA (registration)

12123 (SN)

DATE: 10/11/2022

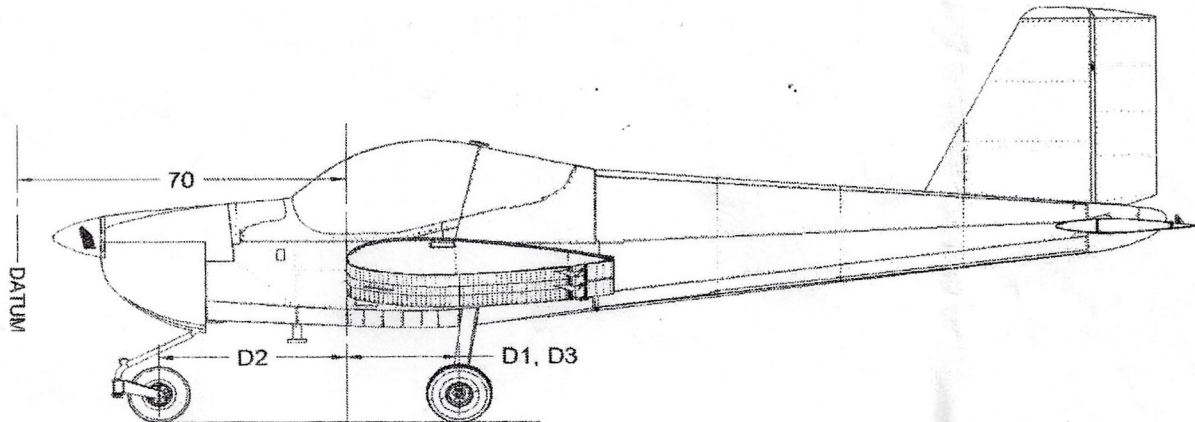


TABLE 1 Use Left Rear, Right Rear & Right Front Scales as denoted below

	LEFT WHEEL (LR)	NOSE WHEEL (RF)	RIGHT WHEEL (RR)
WEIGHT	322.5 lb	155.5 lb	324.5 lb
	(W1)	(W2)	(W3)
DISTANCE FROM AXLE CENTER TO LEADING EDGE	23.75 in	39.875 in	23.625 in
	(D1)	(D2)	(D3)

TABLE 2

	WEIGHT	ARM	MOMENT
LEFT WHEEL	322.5 lb	93.75 inches	30234.38 in-lb
	(W1*)	(A1 = 70 + D1)	(M1 = W1* x A1)
NOSE WHEEL	155.5 lb	30.125 inches	4684.438 in-lb
	(W2*)	(A2 = 70 - D2)	(M2 = W2* x A2)
RIGHT WHEEL	324.5 lb	93.625 inches	30381.31 in-lb
	(W3*)	(A3 = 70 + D3)	(M3 = W3* x A3)

* Adjusted for scale calibration

EMPTY WEIGHT = **802.5 lb**
(W1 + W2 + W3)

EMPTY ARM = **81.37087 in**
(Empty Moment/ Empty Weight)

EMPTY MOMENT = **65300.125 in-lb**
(M1 + M2 + M3)

Aircraft measured, weighed and worksheet filled out by:

Adam Grant AAD Tech
Printed Name/Title

Adam Grant
Signature