

RV-12iS Weight & Balance Worksheet

AIRCRAFT: N124VA (registration)

12193 (SN)

DATE: 8/4/2025

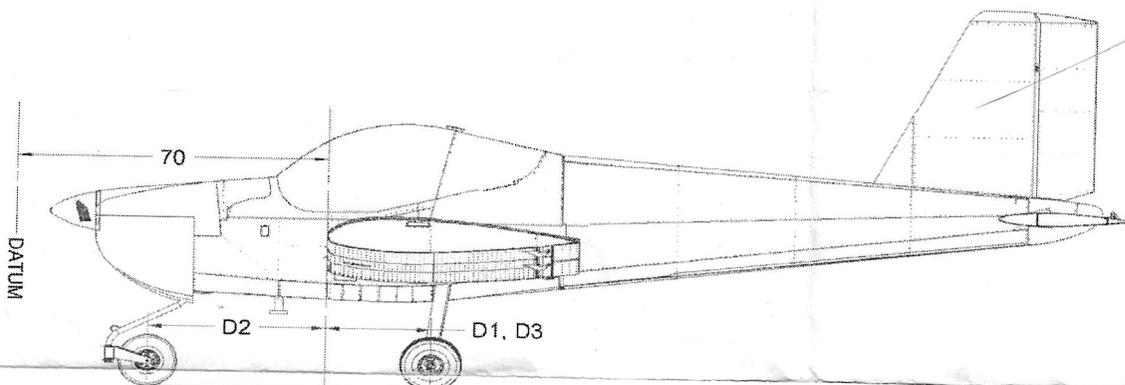


TABLE 1 - Use Left Rear, Right Rear & Right Front Scales as denoted below

	LEFT WHEEL (LR)	NOSE WHEEL (RF)	RIGHT WHEEL (RR)
WEIGHT	322.5 lb	154 lb	325.5 lb
	(W1)	(W2)	(W3)
DISTANCE FROM AXLE CENTER TO LEADING EDGE	23.4375 in	40.25 in	23.4375 in
	(D1)	(D2)	(D3)

TABLE 2

	WEIGHT	ARM	MOMENT
LEFT WHEEL	322.5 lb	93.4375 inches	30133.59 in-lb
	(W1*)	(A1 = 70 + D1)	(M1 = W1* x A1)
NOSE WHEEL	154.0 lb	29.75 inches	4581.5 in-lb
	(W2*)	(A2 = 70 - D2)	(M2 = W2* x A2)
RIGHT WHEEL	325.5 lb	93.4375 inches	30413.91 in-lb
	(W3*)	(A3 = 70 + D3)	(M3 = W3* x A3)

* Adjusted for scale calibration

EMPTY WEIGHT = **802.0 lb**
(W1 + W2 + W3)

EMPTY ARM= 81.20823 in
(Empty Moment/ Empty Weight)

EMPTY MOMENT = 65129 in-lb
(M1 + M2 + M3)

Aircraft measured, weighed and worksheet filled out by:

Jon Morton AAD Tech
Printed Name/ Title

Jon Morton
Signature