

RV-12iS Weight & Balance Worksheet

AIRCRAFT: **N217KM** (registration)

12188 (SN)

DATE:

5/23/2025

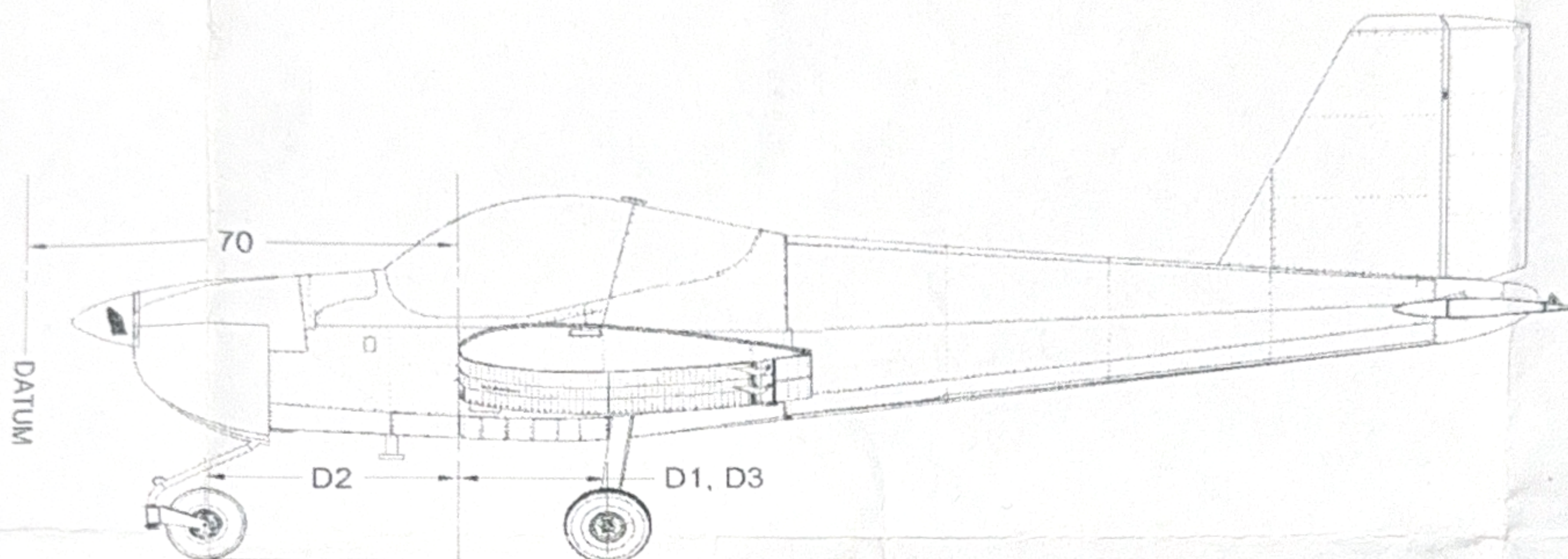


TABLE 1 - Use Left Rear, Right Rear & Right Front Scales as denoted below

	LEFT WHEEL (LR)	NOSE WHEEL (RF)	RIGHT WHEEL (RR)
WEIGHT	324 lb	154.5 lb	325.5 lb
	(W1)	(W2)	(W3)
DISTANCE FROM AXLE CENTER TO LEADING EDGE	23.375 in	40.75 in	23.4375 in
	(D1)	(D2)	(D3)

TABLE 2

	WEIGHT	ARM	MOMENT
LEFT WHEEL	<u>324.0</u> lb	<u>93.375</u> inches	<u>30253.5</u> in-lb
	(W1*)	(A1 = 70 + D1)	(M1 = W1* x A1)
NOSE WHEEL	<u>154.5</u> lb	<u>29.25</u> inches	<u>4519.125</u> in-lb
	(W2*)	(A2 = 70 - D2)	(M2 = W2* x A2)
RIGHT WHEEL	<u>325.5</u> lb	<u>93.4375</u> inches	<u>30413.91</u> in-lb
	(W3*)	(A3 = 70 + D3)	(M3 = W3* x A3)

* Adjusted for scale calibration

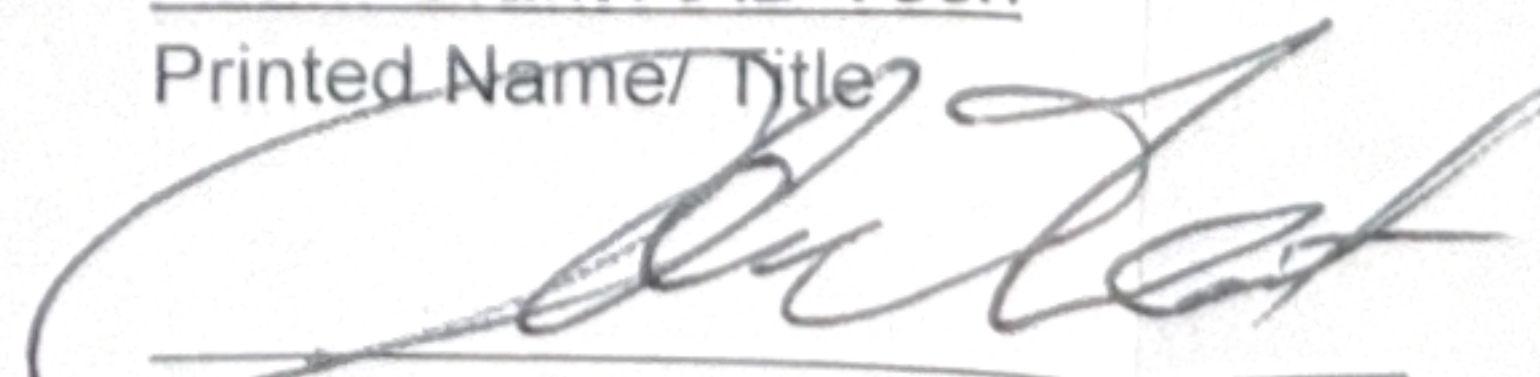
EMPTY WEIGHT = **804.0 lb**
(W1 + W2 + W3)

EMPTY ARM= **81.07778 in**
(Empty Moment/ Empty Weight)

EMPTY MOMENT = **65186.531 in-lb**
(M1 + M2 + M3)

Aircraft measured, weighed and worksheet filled out by:

Adam Grant AAD Tech
Printed Name/ Title


Signature