Revision: 1

Date: 09/25/15

RV-12 WEIGHT & BALANCE WORKSHEET

AIRCRAFT: N308VA **(registration)**
12071 **(serial number)**

DATE: 11/04/16

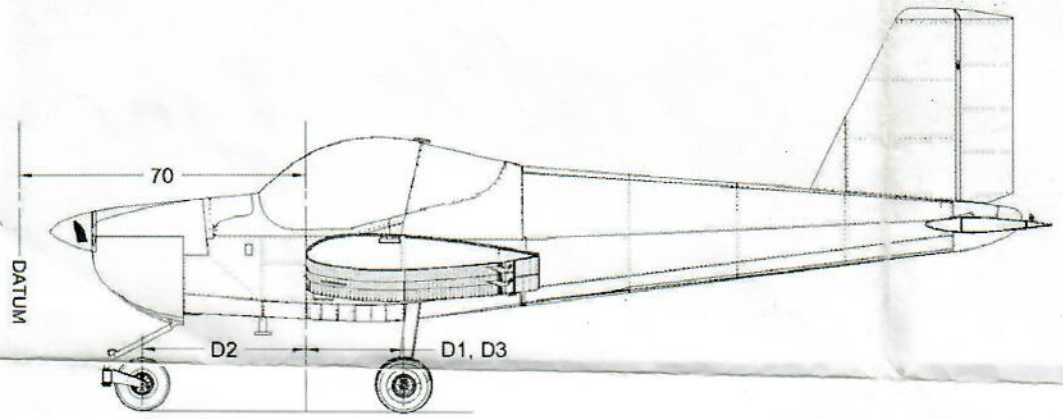

TABLE 1

	LEFT WHEEL	NOSE WHEEL	RIGHT WHEEL
WEIGHT	300.00 lb (W1)	146.50 lb (W2)	313.00 lb (W3)
DISTANCE FROM AXLE CENTER TO LEADING EDGE	23.50 inches (D1)	D2 IS NEGATIVE NUMBER (40.50) inches (D2)	23.50 inches (D3)

TABLE 2

70.00

	WEIGHT	ARM	MOMENT
LEFT WHEEL	300.00 lb (W1)	(70+ 23.5 (D1)) = 93.50 inches (A1)	(300 (W1))*(93.50 (A1)) = 28,050.00 in-lb (M1)
NOSE WHEEL	146.50 lb (W2)	(70- -40.5 (D2)) = 29.50 inches (A2)	(146.5 (W2))*(29.50 (A2)) = 4,321.75 in-lb (M2)
RIGHT WHEEL	313.00 lb (W3)	(70+ 23.5 (D3)) = 93.5 inches (A3)	(313 (W3))*(93.50 (A3)) = 29,265.50 in-lb (M3)

EMPTY WEIGHT = 759.50 lb (W1 + W2 + W3)

EMPTY ARM = 81.1550 inches (Empty Moment / Empty Weight)

EMPTY MOMENT = 61,637.25 in-lb (M1 + M2 + M3)

Aircraft measured, weighed, and worksheet filled-out by: Ryan Marshall
Printed name

Signature: Ryan Marshall