

Revision: 0

Date: 07/10/09

RV-12 WEIGHT &amp; BALANCE WORKSHEET

AIRCRAFT: N413KA (registration)  
120455 (serial number)DATE: 6/23/2020**INDYAIR**  
sales.com

Aircraft Sales, Brokerage and Acquisition

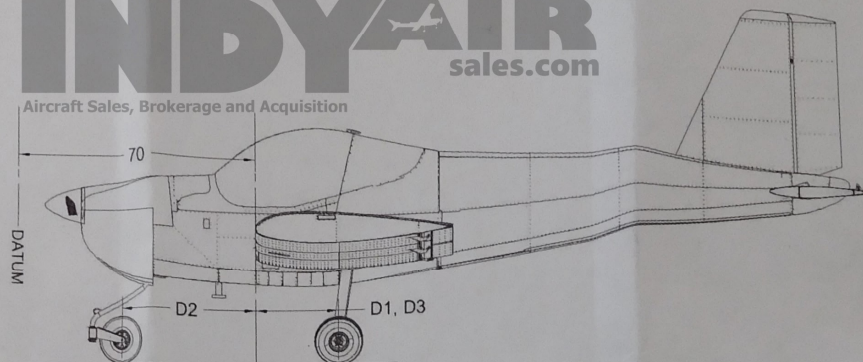


TABLE 1

	LEFT WHEEL	NOSE WHEEL	RIGHT WHEEL
WEIGHT	$\frac{297}{(W1)}$ lb	$\frac{144}{(W2)}$ lb	$\frac{309}{(W3)}$ lb
DISTANCE FROM AXLE CENTER TO LEADING EDGE	$\frac{26}{(D1)}$ inches	$\frac{40}{(D2)}$ inches	$\frac{26}{(D3)}$ inches

TABLE 2

	WEIGHT	ARM	MOMENT
LEFT WHEEL	$\frac{297}{(W1)}$ lb	$(70 + \frac{26}{(D1)}) = \frac{96}{(A1)}$ inches	$(\frac{297}{(W1)}) * (\frac{96}{(A1)}) = \frac{28512}{(M1)}$ in-lb
NOSE WHEEL	$\frac{144}{(W2)}$ lb	$(70 - \frac{40}{(D2)}) = \frac{30}{(A2)}$ inches	$(\frac{144}{(W2)}) * (\frac{30}{(A2)}) = \frac{4320}{(M2)}$ in-lb
RIGHT WHEEL	$\frac{309}{(W3)}$ lb	$(70 + \frac{26}{(D3)}) = \frac{96}{(A3)}$ inches	$(\frac{309}{(W3)}) * (\frac{96}{(A3)}) = \frac{29664}{(M3)}$ in-lb

EMPTY WEIGHT =  $\frac{750}{(W1 + W2 + W3)}$  lb    EMPTY ARM =  $\frac{83.32}{(\text{Empty Moment} / \text{Empty Weight})}$  inches

EMPTY MOMENT =  $\frac{62490}{(M1 + M2 + M3)}$  in-lb

Aircraft measured, weighed, and worksheet filled-out by: Keith Aultman 3500143 A+P  
Signature: [Signature] printed name