Revision: 1

Date: 09/25/15

# RV-12 WEIGHT & BALANCE WORKSHEET

AIRCRAFT: N405TF (registration)
121354 (serial number)

DATE: 9/01/2024

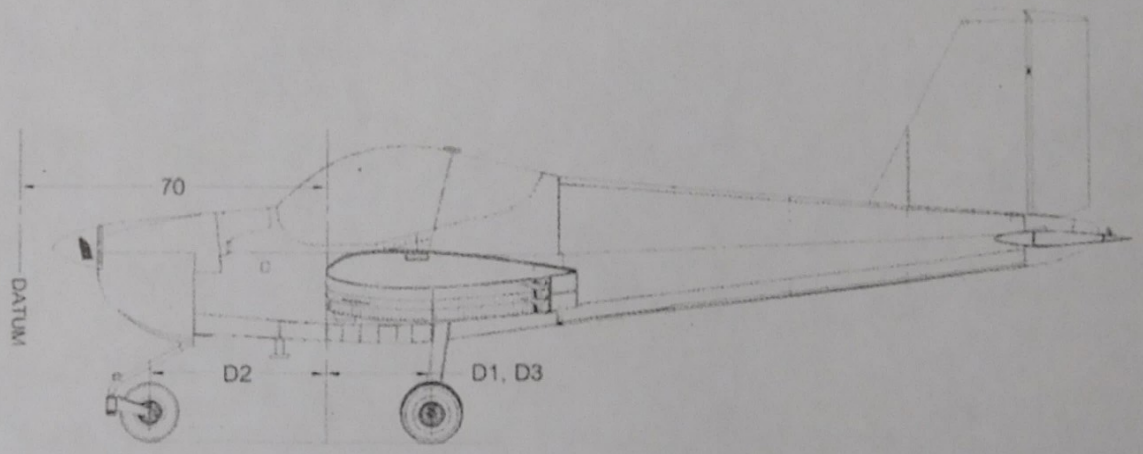


TABLE 1

| | LEFT WHEEL | NOSE WHEEL | RIGHT WHEEL |
|---|---|---|---|
| WEIGHT | 300 lb (W1) | 148 lb (W2) | 309 lb (W3) |
| DISTANCE FROM AXLE CENTER TO LEADING EDGE | 25 inches (D1) | 41.5 inches (D2) | 25 inches (D3) |

TABLE 2

| | WEIGHT | ARM | MOMENT |
|---|---|---|---|
| LEFT WHEEL | 300 lb (W1) | (70+ 25 (D1) ) = 95 inches (A1) | ( 300 (W1) )*( 95 (A1) ) = 28,500 in-lb (M1) |
| NOSE WHEEL | 148 lb (W2) | (70- 41.5 (D2) ) = 28.5 inches (A2) | ( 148 (W2) )*( 28.5 (A2) ) = 4218 in-lb (M2) |
| RIGHT WHEEL | 309 lb (W3) | (70+ 25 (D3) ) = 95 inches (A3) | ( 309 (W3) )*( 95 (A3) ) = 29,355 in-lb (M3) |

EMPTY WEIGHT = 757 lb (W1 + W2 + W3)

EMPTY ARM = 81.998 inches (Empty Moment / Empty Weight)

EMPTY MOMENT = 62,073 in-lb (M1 + M2 + M3)

Aircraft measured, weighed, and worksheet filled-out by: E. Hurley Kellogg
Printed Name/Title

E. Hurley Kellogg
Signature