

RV12 WEIGHT AND BALANCE CALCULATION

Aircraft				Criteria	
Date:	6/29/2025		Datum Used:	70 inches ahead of Leading Edge	
Registration:	N407TB	Serial No:	120326	Level Point:	Airframe at canopy rest
Make:	Vans	Model:	RV12iS	Max Gross Weight:	1,320

Weighing Point	Scale Reading (Pounds)	Tare (Pounds)	Weight (Pounds)	Arm (Inches from Datum)	Moment (Inch*pounds)
Left Wheel:	325	2	323	93.25	30,119.75
Nose wheel:	142	0	142	29.25	4,153.50
Right Wheel:	327	2	325	93.375	30,346.88
Total Empty Weight				Total Arm	Total Moment
790				215.875	64,620.13

CG Range: 80.49-85.39

Empty Moment	(Moment):	64,620.13
Empty Weight	(Pounds)	790
Empty CG	(Inches Aft of Datum):	81.80

Gross Weight:	1,320
Empty Weight:	790
Useful Load:	530

Aircraft measured, weighed, and worksheet completed by:

Signature:

David Maliquette LSRM-A #3879098

