



Weight and Balance: Van's RV-12

Version 5FEB2026

Aircraft N- Number	Basic Empty Weight (lb)	Empty Arm (in)	Empty Moment (lb-in)	Max Fuel (gal) Useable/Total	Useful Loads (lb)
N922CA	792.45	80.59	63,869	18 / 20	527.51
N266VA	777.59	80.77	62,808.19	18 / 20	542.41
N271VA	778.0	80.868	63,079	18 / 20	542
N311VA	765.39	81.25	62,091.83	18 / 20	554
N243VA	762	80.985	61,711	18 / 20	588

Item	Weight (lb) X	Arm (In) =	Moment (lb-in)
Basic Empty Weight			
Pilot and Passenger (___ + ___ = ___)		78.85	
Baggage (Max 50lb)		110.81	
= Zero Fuel Weight			
Fuel (___ gal x 6lb/gal = ___)		110.28	
= Ramp Weight			
Subtract Taxi/Runup/Takeoff (1 gal)	-6	110.28	-661.68
= Gross Takeoff Weight (Max 1320 lb)			
Subtract Cruise Fuel (___ gal x 6 lb/gal= ___ lb)		110.28	
Gross Landing Weight			



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