

Eastern Cincinnati Aviation

10/16/2025

Weight and Balance								
Model	N - #	Basic Empty Weight (lb)	CG/Arm (in)	Moment (lb-in)	Max Takeoff Weight (lb)	Available Load with Full Fuel (lb)	Total Fuel (gal)	Usable Fuel (gal)
C172 - N	75860	1472.78	38.55	56769.38	2300.00	528.00	54	50
C172 - M	32GV	1408.44	40.84	57527.17	2300.00	663.56	42	38
	5033R	1441.48	40.32	58126.39	2300.00	607.00	42	38
C172 - R	53417	1684.62	40.97	69018.90	2450.00	447.38	56	53
	9545F	1671.41	39.70	66361.91	2450.00	460.59	56	53
	2386V	1676.02	39.81	66721.23	2450.00	455.98	56	53
	377ES	1655.70	40.02	66259.57	2450.00	476.3	56	53
	121UC	1596.72	40.04	63933.58	2450.00	535.28	56	53
C172 - S	176ME	1694.50	40.40	68456.89	2550.00	537.50	56	53
	2135S	1701.71	41.35	70371.94	2550.00	530.29	56	53
	362SP	1674.12	40.23	67352.03	2550.00	557.88	56	53
	405SP	1689.30	39.96	67498.33	2550.00	542.70	56	53
	5315E	1679.24	41.13	69070.75	2550.00	552.76	56	53
	536SP	1644.62	39.99	65773.11	2550.00	587.38	56	53
	784SA	1671.54	40.65	67947.15	2550.00	560.46	56	53
924LP	1649.00	40.97	67554.40	2550.00	583.00	56	53	
C172 - RG	9706B	1651.70	38.52	63624.81	2650.00	626.00	66	62

Nav/Autopilot/Tech					
Model	N - #	Nav	Autopilot	G5	GI275 - EIS
N	75860	-	-	-	-
M	32GV	-	-	AI & HSI	-
	5033R	Garmin 430W	N/A	HSI	-
R	53417	Garmin 430W	GFC500	AI & HSI	-
	9545F	Garmin 430W	GFC500	AI & HSI	-
	2386V	Garmin 430W	GFC500	AI & HSI	-
	377ES	Garmin 430W	GFC500	AI & HSI	-
	121UC	Garmin GTN650	GFC500	AI & HSI	-
S	176ME	Garmin 430W	KAP 140 DA	AI & HSI	Yes
	2135S	Garmin 430W	KAP 140 DA	AI & HSI	-
	362SP	Garmin 430W	GFC500	AI & HSI	-
	405SP	Garmin 530W	GFC500	AI & HSI	-
	5315E	Garmin GTN650	GFC500	AI & HSI	-
	536SP	Garmin 430W	GFC500	AI & HSI	-
	784SA	Garmin GTN650	GFC500	AI & HSI	Yes
924LP	Garmin 430W	GFC500	AI & HSI	Yes	
RG	9706B	Garmin 430W	Navomatic 300	-	-
G1000	12064	Garmin G1000	KAP 140 DA	-	-
182T	6167L	Garmin G1000	KAP 140 DA	-	-
Aztec	706SP	Garmin 530W	-	-	-