Eastern Cincinnati Aviation

7/14/2021

Weight and Balance

	N - #	Basic Empty Weight	C.G.	Moment	Useful Load	Load w/ Full Fuel
	C-172					
N	***75860***	1472.78	38.55	56769.38	827.2	528
M	***32GV***	1414.00	40.68	57523.32	886	658
M	***5033R***	1441.48	40.32	58126.39	858.52	607
	53417	1696.00	41.22	69907.68	754	436
	9545F	1672.34	39.33	65775.38	778	460
R	***2386V***	1684.60	39.94	67289.25	765	447
	377ES	1655.70	40.02	66259.57	794.3	476
	121UC	1596.72	40.04	63933.58	853	535
	536SP	1645.27	39.98	65778.42	905	587
S	***362SP***	1685.50	40.64	68500.85	872.5	547
	5315E	1684.22	41.32	69595.55	865.8	548
	2135S	1701.71	41.35	70371.94	848	530
	176ME	1706.70	40.15	68523.80	851.32	525
	405SP	1692.30	39.55	66927.87	865.7	548
RG	***9706B***	1651.70	38.52	63624.81	998.3	626
G1000	***12064***	1754.07	41.74	73222.99	796	478
	C-182					
G1000	***6167L***	2008.27	38.97	78266.91	1088	570
	Aztec					
	706SP	3177.64	`89.87	285578.80	2022	1182

Compass Deviation (Radios ON)

N - #	N	030	060	E	120	150	S	210	240	W	300	330
C-172												
75860	001	032	062	090	121	151	181	213	240	272	301	330
32GV	358	026	056	088	119	149	180	210	239	270	301	331
5033R	000	030	061	091	121	151	181	211	241	272	301	331
53417	002	031	061	093	123	153	182	212	242	272	302	332
9545F	358	026	056	087	119	148	178	210	240	270	301	328
2386V	358	027	60	93	123	150	177	206	236	267	309	327
377ES	358	029	060	090	119	146	176	206	239	268	299	329
121UC	358	028	057	088	120	148	178	208	236	268	298	329
536SP	360	030	060	090	120	150	178	209	239	270	300	330
362SP	359	029	059	089	120	150	180	209	239	269	299	329
5315E	360	30	61	91	121	151	180	209	239	270	300	330
2135S	360	30	60	92	121	152	181	210	240	270	300	330
176ME	358	030	060	090	120	150	179	209	240	270	300	329
405SP	358	029	059	090	120	150	179	210	240	269	299	328
9706B	005	031	060	086	130	140	175	210	245	280	300	329
12064	360	027	059	090	120	151	181	210	242	270	300	330
C-182												
6167L	360	029	058	088	118	148	178	209	239	270	301	331
Aztec												
706SP	004	034	063	090	118	148	171	211	242	272	305	334

Nav/Autopilot

N - #	Nav	Autopilot
C-172		
75860	N/A	N/A
32GV	N/A	N/A
5033R	430W	N/A
53417	430W	KAP 140 DA
9545F	430W	KAP140 SA
2386V	430W	KAP 140 SA
377ES	430W	GFC500
121UC	GTN650	GFC500
536SP	430W	GFC500
362SP	430W	KAP 140 SA
5315E	GTN650	KAP 140 DA
2135S	430W	KAP 140 DA
176ME	430W	KAP 140 DA
405SP	530W	KAP 140 SA
9706B	430W	NAVOMATIC 300
12064	G1000	KAP140 DA
C-182		
6167L	G1000	KAP140 DA
Aztec		
706SP	530W	N/A

ICAO Equipment

N - #	Field 10	surveil. codes	Field 18
C-172			
75860	V	L, B1	n/a
32GV	V	L, B1	n/a
5033R	S,Y,G,B,R	L, B1	A1, B2, C2, D2, L1, O2, S1, S2
53417	S,Y,G,B,R	L, B1	A1, B2, C2, D2, L1, O2, S1, S2
9545F	S,Y,G,B,R, F	L, B1	A1, B2, C2, D2, L1, O2, S1, S2
2386V	S,Y,G,B,R, F	L, B1	A1, B2, C2, D2, L1, O2, S1, S2
377ES	S,Y,G,B,R	L, B1	A1, B2, C2, D2, L1, O2, S1
121UC	S,Y,G,B,R	L, B1	A1, B2, C2, D2, L1, O2, S1, S2
536SP	S,Y,G,B,R,F	L, B1	A1, B2, C2, D2, L1, O2, S1, S2
362SP	S,Y,G,B,R	L, B1	A1, B2, C2, D2, L1, O2, S1, S2
5315E	S,Y,G,B,R	L, B1	A1, B2, C2, D2, L1, O2, S1, S2
2135S	S,Y,G,B,R	L, B1	A1, B2, C2, D2, L1, O2, S1, S2
176ME	S,Y,G,R	L, B1	A1, B2, C2, D2, L1, O2, S1, S2
405SP	S,Y,G,B,R	L, B1	A1, B2, C2, D2, L1, O2, S1, S2
9706B	S,Y,G,B,R	L, B1	A1, B2, C2, D2, L1, O2, S1, S2
12064	S,Y,G,R	L, B1	A1, B2, C2, D2, L1, O2, S1
C-182			
6167L	S,Y,G,R	L, B1	A1, B2, C2, D2, L1, O2, S1
Aztec			
706SP	S,Y,G,B,R	L, B1	A1, B2, C2, D2, L1, O2, S1, S2

V: VHF Radio
S: Standard
Y: 8.33 space
G: GPS
B: LPV Apch
R: PBN Approved
F: ADF