

**East Coast Aero Club
WEIGHT AND BALANCE**

Aircraft	Type	Year	Revised	Empty Weight*	C.G. (in.)	Moment (in./lb.)	Gross Weight*	Useful Load*	Load w/Full Fuel*	Load w/Tab Fuel*	Lateral C.G.	Lateral Moment (in./lb.)
N2503V	PA38-112	1982	9/9/02	1,196.63	74.4	89,020.00	1,670.00	473.37	293.4	353.4	-	-
N9182A	PA38-113	1982	6/21/07	1,198.11	74.7	89,492.98	1,670.00	471.89	291.89	351.89	-	-
N6910J	PA28-151	1975	11/3/08	1,430.65	86.47	123,711.91	2,325.00	895.75	607.8	691.8	-	-
N75202	PA28-152	1976	3/12/03	1,431.55	87	124,693.34	2,325.00	893.45	605.5	689.5	-	-
N3572M	PA28-161	1978	3/18/01	1,467.85	87.27	128,095.27	2,325.00	857.15	569.2	653.2	-	-
N116ND	PA28-161	1989	1/6/09	1,483.91	84.78	125,607.50	2,325.00	823.35	535.65	619.65	-	-
N244ND	PA28-161	1999	8/28/02	1,594.10	85.77	132,869.00	2,440.00	890.9	602.9	686.9	-	-
N260ND	PA28-161	1999	8/29/02	1,550.60	85.92	133,221.35	2,440.00	897	601.4	685.4	-	-
N249ND	PA28-161	1999	4/22/11	1,564.10	85.95	134,428.15	2,440.00	882.9	597.9	681.9	-	-
N222ND	PA28-161	2000	5/26/04	1,568.00	85.76	134,478.60	2,440.00	872	584	668	-	-
N238ND	PA28-162	2000	11/21/05	1,559.70	85.95	134,052.50	2,440.00	887.3	592.3	676.3	-	-
N239ND	PA28-161	2000	7/12/07	1,550.88	85.7	133,046.31	2,440.00	896.12	601.4	685.4	-	-
N263ND	PA28-161	2000	8/14/15	1,551.70	85.89	133,280.20	2,440.00	895.3	601.4	685.4	-	-
N267ND	PA28-161	2000	8/29/02	1,550.60	85.92	133,221.35	2,440.00	889.4	601.4	685.4	-	-
N275ND	PA28-162	2000	12/10/15	1,551.92	85.77	133,105.56	2,440.00	895.08	592.6	676.6	-	-
N276ND	PA28-161	2000	9/11/02	1,546.10	85.67	132,460.72	2,440.00	900.9	601.4	685.4	-	-
N92747	C-172M	1973	3/8/10	1,421.90	38.52	54,773.51	2,300.00	878.1	651.4	-	-	-
N12545	C-172M	1973	10/17/14	1,450.83	39.93	57,925.61	2,300.00	841.65	613.65	-	-	-
N349ME	C-172S	2000	9/21/00	1,714.90	40.6	69,624.00	2,550.00	843.1	517.1	625.1	-	-
N445AF	C-172R/S	1998	9/16/09	1,666.95	39.47	65,800.72	2,550.00	883.05	565.05	673.05	-	-
N1154G	C-172S	2006	3/28/07	1,722.58	41.08	70,767.97	2,550.00	835.42	517.42	625.42	-	-
N6065P	C-172S	2005	9/13/07	1,740.60	41.62	72,440.14	2,558.00	817.4	-	607.4	-	-
N2439Z	C-172SP	2007	7/12/07	1,721.60	41.2	70,926.00	2,550.00	791.1	473.1	581.1	-	-
N13151	C-172SP	2006	5/16/07	1,757.10	41.66	73,204.00	2,550.00	792.9	482.9	590.9	-	-
N2081S	C-172SP	2005	1/10/08	1,742.70	41.59	72,470.98	2,550.00	815.3	497.3	605.3	-	-
N6182F	C-182T	2008	11/14/12	2,028.40	38.71	78,524.24	3,110.00	1,081.60	559.6	697.6	-	-
N813ND	PA28R-201	1989	1/30/15	1,771.54	84.88	150,369.40	2,750.00	978.46	530.2	662.2	-	-
N814ND	PA28R-201	1989	4/26/13	1,767.02	85.39	150,893.74	2,750.00	968.12	536.1	668.1	-	-
N280ND	PA28R-201	1998	1/7/13	1,826.29	86.41	157,813.56	2,750.00	913.5	481.5	613.5	-	-
N281ND	PA28R-201	1998	1/2/13	1,823.39	86.39	157,529.04	2,750.00	927.3	495.3	627.3	-	-
N852ND	PA44-180	1989	9/13/13	2,608.50	85.76	223,699.98	3,800.00	1,191.50	549.1	-	-	-

**East Coast Aero Club
WEIGHT AND BALANCE**

Aircraft	Type	Year	Revised	Empty Weight*	C.G. (in.)	Moment (in./lb.)	Gross Weight*	Useful Load*	Load w/Full Fuel*	Load w/Tab Fuel*	Lateral C.G.	Lateral Moment (in./lb.)
N605CA	DA40	2008	10/13/65	1,819.00	98.95	179,986.08	2,640.00	821	587	-	-	-
N707WT	SR20	2005	2/10/15	2,124.02	140.49	298,413.96	3,000.00	875.98	583	722.1	-	-
N585EJ	SR20	2016	3/21/16	2,227.00	141.54	315,203.00	3,050.00	823	487	643	-	-
N834LA	SR22	2003	6/25/09	2,353.40	136.88	322,132.08	3,400.00	1,046.00	560.6	764.6	-	-
N145EJ	SR22	2009	5/28/09	2,384.00	139.4	332,220.00	3,400.00	1,016.00	512	656	-	-
N787PG	SR22	2008	10/2/08	2,413.00	139.4	336,281.22	3,400.00	987	483	627	-	-
N181JW	SR22	2009	1/6/16	2,503.00	139.32	348,707.00	3,400.00	897	345	537	-	-
N12LC	SR22	2013	6/11/13	2,407.00	141.8	341,195.00	3,600	1,193.00	641	833	-	-
N41SM	SR22	2015	6/10/15	2,421.00	141.7	343,177.00	3,600.00	1,179.00	627	819	-	-
N1811G	Citabria	1968	10/10/16	1076	11.16	12,009.60	1,650.00	574	364	-	-	-
N7145G	Decathlon	2012	8/30/12	1,311.00	10.78	14,139.11		639.00 normal 489.00 acro		-	-	-
N808WT	R44	2008	2/1/17	1,456.20	107.4	156,400.74	2,400.00	943.8	643.8	-	0.5	246.33
N171WT	R44	2009	5/29/09	1,459.20	107.1	156,258.00	2,400.00	940.8	640.8	-	0.1	146