



The Ramp Page



The Monthly Newsletter of the Sherman, TX EAA Chapter 323

December 2015

Christmas Party on Thursday at the Richardson's!

The annual Christmas party will be this coming Thursday Dec 17, 2015. Please see the flyer towards the end of this newsletter. Remember to bring a wrapped gift valued around \$20.

Wire gage sizing

Ever wondered what wire gaging, diameters, length do on the impact of its ability to carry an electric current? See the chart below the Joe Nelsen forwarded.

Wire Gauge vs. Diameter

AWG gauge	Conductor Diameter Inches	Conductor Diameter mm	Ohms per 1000 ft.	Ohms per km	Maximum amps for chassis wiring
0000	0.46000	11.68400	0.0490	0.160720	380.000
000	0.40960	10.40384	0.0618	0.202704	328.000
00	0.36480	9.26592	0.0779	0.255512	283.000
0	0.32490	8.25246	0.0983	0.322424	245.000
1	0.28930	7.34822	0.1239	0.406392	211.000
2	0.25760	6.54304	0.1563	0.512664	181.000
3	0.22940	5.82676	0.1970	0.646160	158.000
4	0.20430	5.18922	0.2485	0.815080	135.000
5	0.18190	4.62026	0.3133	1.027624	118.000
6	0.16200	4.11480	0.3951	1.295928	101.000
7	0.14430	3.66522	0.4982	1.634096	89.000
8	0.12850	3.26390	0.6282	2.060496	73.000
9	0.11440	2.90576	0.7921	2.598088	64.000
10	0.10190	2.58826	0.9989	3.276392	55.000
11	0.09070	2.30378	1.2600	4.132800	47.000
12	0.08080	2.05232	1.5880	5.208640	41.000
13	0.07200	1.82880	2.0030	6.569840	35.000
14	0.06410	1.62814	2.5250	8.282000	32.000
15	0.05710	1.45034	3.1840	10.443520	28.000
16	0.05080	1.29032	4.0160	13.172480	22.000
17	0.04530	1.15062	5.0640	16.609920	19.000
18	0.04030	1.02362	6.3850	20.942800	16.000
19	0.03590	0.91186	8.0510	26.407280	14.000
20	0.03200	0.81280	10.1500	33.292000	11.000
21	0.02850	0.72390	12.8000	41.984000	9.000
22	0.02540	0.64516	16.1400	52.939200	7.000
23	0.02260	0.57404	20.3600	66.780800	4.700
24	0.02010	0.51054	25.6700	84.197600	3.500
25	0.01790	0.45466	32.3700	106.173600	2.700
26	0.01590	0.40386	40.8100	133.856800	2.200
27	0.01420	0.36068	51.4700	168.821600	1.700
28	0.01260	0.32004	64.9000	212.872000	1.400
29	0.01130	0.28702	81.8300	268.402400	1.200
30	0.01000	0.25400	103.2000	338.496000	0.860
31	0.00890	0.22606	130.1000	426.728000	0.700
32	0.00800	0.20320	164.1000	538.248000	0.530
Metric 2.00	0.00787	0.20000	169.3900	555.610000	0.510
33	0.00710	0.18034	206.9000	678.632000	0.430
Metric 1.80	0.00709	0.18000	207.5000	680.550000	0.430
34	0.00630	0.16002	260.9000	855.752000	0.330
Metric 1.60	0.00630	0.16002	260.9000	855.752000	0.330
35	0.00560	0.14224	329.0000	1079.120000	0.270
Metric 1.40	0.00551	0.14000	339.0000	1114.000000	0.260
36	0.00500	0.12700	414.8000	1360.000000	0.210
Metric 1.25	0.00492	0.12500	428.2000	1404.000000	0.200
37	0.00450	0.11430	523.1000	1715.000000	0.170
Metric 1.12	0.00441	0.11200	533.8000	1750.000000	0.163
38	0.00400	0.10160	659.6000	2163.000000	0.130
Metric 1.00	0.00394	0.10000	670.2000	2198.000000	0.126
39	0.00350	0.08890	831.8000	2728.000000	0.110
40	0.00310	0.07874	1049.0000	3440.000000	0.090

The Regulatory Minute

For those of you who are instrument flyers and need to maintain currency, the FAA recently released a letter giving guidance on what meets the requirements for the 6 approaches/holds/radio navigation each 6 calendar months. Attached below is a link where you can find those requirements:

http://www.faa.gov/other_visit/aviation_industry/airline_operators/airline_safety/info/all_infos/media/2015/info15012.pdf

Election Results

At the November monthly meeting, Paul Tanner was elected VP replacing Clint Murphy. Best wishes! ☺ This leaves an open Board of Directors position. We're looking for volunteers.

Upcoming Chapter Events

- Thursday December 17 **Annual Christmas Party**
The annual tradition continues at the Richardson's. Flyer at the end of "Ramp Page."
- Thursday January 15 Monthly Meeting, Sherman Airport Terminal, 7:00PM
Subject: Airport Pattern Safety
- Saturday February 6 1st Saturday Activity—RV8 Project
We'll head over to Steve Riffe's place and visit his RV-8 project
- Thursday February 18 Monthly Meeting, Sherman Airport Terminal, 7:00PM
Subject: High Altitude Balloons
- Saturday March 5 1st Saturday Activity—Finney Field
Come fly with us and get some of those famous hot dogs!
- Thursday March 17 Monthly Meeting, Sherman Airport Terminal, 7:00PM
Subject: Experimental Aircraft Certification

Officers/Board of Directors/Key Coordinators

Name	Position	Contact Number
John Horn	President	940-736-8440
Paul Tanner	Vice President	903-546-6745
John Halterman	Secretary	903-819-9947
Ross Richardson	Treasurer	903-821-4277
<i>Open</i>	Board of Directors	Open
Rick Simmons	Board of Directors	
Mary Lawrence	Board of Directors	903-821-2670
Mel Asberry	Technical Counselor	972-784-7544
Jim Smisek	Technical Counselor	903-819-6428
Ross Richardson	Membership	903-821-4277
John Horn	Young Eagles Coordinator	940-736-8440
John Halterman	Newsletter Editor	903-819-9947
Billy Dollarhide	Web Master	903-870-0521

General Email: EAA323@hotmail.com Website: www.eaa323.org



EAA Chapter 323 Annual Christmas Party

**At the home of Ross and Paula Richardson
2115 Turtle Creek Circle, Sherman
903.821.4277**

Thursday, December 17th, 2015 at 6:30 PM

Entrée will be baked ham provided by Kris & Molly
Worstell. Each family is requested to bring a side
dish of your choice.



Punch, wine, and soft drinks
will be provided. You are
welcomed to BYOB.

For the exciting gift
exchange, each person is
requested to
bring an unmarked wrapped gift (around \$20.00).



. Looking forward to a fun filled evening of eating and Chapter fellowship to end the year