



Experimental Aircraft Association Chapter 27 News



Next meeting Sunday, March 18, 10 a.m., Meriden-Markham Airport, Meriden, CT

March 2012

ISAIAH IN THE AIR



Isaiah Tiezzi recently uploaded some photos of the CAP planes he flies to the Chapter 27 web site. Interestingly, N9344L, above, was the first plane to fly over the World Trade Center site after 9/11. Be sure to check out the "Our Planes" and "Event & Photos" sections for new content. And remember, as a member you can upload your own photos to either section by going to the "Members Only" section of the web site.



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Meeting Minutes

February 19, 2012

Officers present were Bob Spaulding, Mark Scott, Bill Jagoda, and Charlie Enz

Treasurer's report—Bill Jagoda reported the current balance is \$1927.64. Delinquent dues for 2011 and 2012 are welcomed.

Membership—No report this month.

Commissioner's report—Dave Pepe, a credit card pump and associated changes is expected to cost \$50,000. Two abandoned planes on the airport, both without engines, are to be auctioned after they are advertised.

Technical counselors report—Mark Scott provided the tip that roughing the polished anvils of a rivet squeezer with 320 grit emery cloth helps to prevent the rivets tipping over when being squeezed.

A member disagreed with Mark Scott's statement that roughing the polished anvils prevents tipping of rivets. A search on the internet turned up several articles confirming there is a non linear increase in surface friction with surface roughness for aluminum and aluminum-magnesium alloys on steel with a high confidence factor. Surface texture also affects friction, confirming Mark's tip as generally correct. "Influence of roughness parameters on coefficient of friction under lubricated conditions", P. L. Menezes, Kishore, S. V. Kailas, Sadhana, Vol. 33 part 3, June 2008, pp. 181-190

Mike Zemsta reported on an RV-7 inspection.

Website Newsletter and HQ Director—Rick Beebe reported the EAA reorganization is continuing. EAA has refocused its mission statement into 6 ar-

reas: Chapters, Publications, Contemporary Amateur Built, Advocacy, Knowledge and information, and Youth Education.

Young Eagles—Fran Uliano, Rich Merrill. One young eagle has been flown this year; by Steve Socoloski. A scouting expo will be held Monday, March 12 from 7-8:30 PM and approximately 50 scout troops will attend. Fran plans on being there. Support by other members would be appreciated

2012 Events—International Learn To Fly day May 19. Spring Young Eagles rally June 9. Fall Young Eagles rally 2nd week in October. Annual picnic and open house second weekend in September. Holiday dinner, December 8, 4:30 to 9:30 PM at Villa Capri. Also in the works are EAA Eagles flights with an announcement by the EAA to come later this year, Boy and Girl Scout merit badge training, Meriden "Beat the Street" Career Explorers, "Make a Wish" and/or "Starlight Children's Foundations", and a fly out possibly in conjunction with another chapter. Member's suggestions for a facility tour are solicited.

New Business—Dropping 100LL is improbable due to the need for infrastructure supporting the replacement.

Addenda to Hydroplaning article: Hydroplaning on smooth wet runways without standing water can be caused by hard braking which locks up the wheel(s) causing heating that turns the water between the tire and pavement to steam which acts as an almost friction-free gas bearing. Letting the airplane slow down and gently applying the brakes prevents the issue from arising.

—Charlie Enz

Chapter Newsletter Highlighted

Our EAA Chapter 27 newsletter was given special notice in the February 21 of EAA's *ChapterGram*, a bi-weekly email newsletter aimed at chapter leaders. They particularly noted Charlie Enz's article on hydroplaning. *ChapterGram* is available on the EAA web site:

http://www.eaa.org/chapters/newsletter/120221_web.html



Steve Miller Band Will Rock AirVenture on Opening Day

The Steve Miller Band, rocking audiences for two generations, brings its high-energy show to EAA AirVenture Oshkosh on Monday, July 23, for the popular opening night concert, presented by Ford Motor Company. The concert is scheduled to begin at 7 p.m. following the opening day's air show and is included with AirVenture admission for that day. Wisconsin native Miller scored a No. 1 hit with "The Joker" in 1973 and the group has sold more than 30 million records with such unforgettable hits as "Fly Like an Eagle," "Rock'n Me," "Jet Airliner," and many others.

Letter From The President

Our New England winter weather is always poised to throw you a curve ball. It would appear that Mother Nature will be easy on us this year. The temperatures have certainly been above average, we've had only a fraction of the snow fall compared to the previous winter, and the prevalent weather patterns seem to want to persist in bringing us warming air masses. I can't complain. And now daylight savings time has kicked in, affording the time at the end of the work day to sneak in a flight. In fact, I'm just about finished de-winterizing the biplane and look forward to some early season airwork. If you've taken a seasonal hiatus from flying, let safety be first and foremost on your mind as you get back into the cockpit. Hit the books to brush up on any number of relevant topics such as normal and emergency procedures, weather, and airport operations. Take a few Air Safety Institute on-line courses or consider going out with a CFI. Taking any these simple steps will help clear the cobwebs of inactivity and set the right tone for regaining your flying currency.

Now, on to the latest news. The genesis of the RV line of aircraft, the RV-1, will be paying us a visit on May 12th. Richard VanGrunsven's original prototype, the progenitor of it all, has been restored and is making a national tour before being enshrined in the EAA Air Museum. Thanks to the great work of Joe Gauthier, the RV-1 will make a stop in Connecticut (Brainard Airport) and we, Chapter 27 along with several of our sister chapters, will be involved with hosting the stay. We are still very early in the planning stage for this event; however, I'll be talking about some of the details at our next meeting. This will be a unique opportunity to see the machine, first flown by Dick in 1965, that laid the groundwork for the RV-3. Don't miss it.

It appears that the specter of user fees has been diminished a bit thanks to the groundswell of congressional opposition. As of March 1st, House Aviation Subcommittee Chair Tom Petri had sent a letter to President Obama, with 195 of his colleagues' signatures, reminding the President that previous attempts (by both parties) to impose user fees were turned back with overwhelming opposition. Although not completely off the table yet, the resistance to this legislation is both firm and growing and the prognosis is certainly better than a few weeks ago. There is a concurrent effort taking place within the Senate General Aviation Caucus with the intent of also sending a letter to the President in a show of opposition.

And here are several tidbits of aviation history...

- It is the 100 year anniversary of the crossing of the English Channel by two women, Harriet Quimby and Helene Dutrieu.
- 55 years ago, the Boeing 707 made a record crossing of the US from Seattle to Baltimore in 3 hours and 48 minutes.
- Concorde prototype 001 completed its maiden flight 43 years ago.

How time flies!

Just a reminder...please pay your 2012 dues if you haven't done so. See you at the next meeting.

Stay safe,

—Bob

ShopSheet		Drill Sizes			
By Ron Wanttaja					
SIZE	DECIMAL EQUIVALENT	SIZE	DECIMAL EQUIVALENT	SIZE	DECIMAL EQUIVALENT
1/16	.0625	32	.1160	3/16	.1875
52	.0635	31	.1200	12	.1890
51	.0670	1/8	.1250	11	.1910
50	.0700	30	.1285	10	.1935
49	.0730	29	.1360	9	.1960
48	.0760	28	.1405	8	.1990
5/64	.0781	9/64	.1406	7	.2010
47	.0785	27	.1440	13/64	.2031
46	.0810	26	.1470	6	.2040
45	.0820	25	.1495	5	.2055
44	.0860	24	.1520	4	.2090
43	.0890	23	.1540	3	.2130
42	.0935	5/32	.1562	7/32	.2187
3/32	.0937	22	.1570	2	.2210
41	.0960	21	.1590	1	.2280
40	.0980	20	.1610	A	.2340
39	.0995	19	.1660	15/64	.2344
38	.1015	18	.1695	B	.2380
37	.1040	11/64	.1719	C	.2420
36	.1065	17	.1930	D	.2460
7/64	.1094	16	.1770	1/4	.2500
35	.1100	15	.1800	E	.2500
34	.1110	14	.1820		
33	.1130	13	.1850		

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PLIERS: Used to round off bolt heads. Sometimes used in the creation of blood-blisters.



The deadline for submission of materials for the next newsletter is April 8, 2012

2012 EAA CHAPTER 27 MEMBERSHIP FORM

Please fill in the following information and mail with your dues to:
EAA Chapter 27, c/o Bill Jagoda, 43 Derby Road, Rockfall, CT 06481
(Dues are \$20.00 per year, due in January, make checks payable to: *EAA Chapter 27*)

Name: _____ Phone: _____

Street: _____

City _____ State _____ Zip _____

Email address: _____ Receive Newsletter via: Email Paper

EAA Membership No: _____ Expiration date: _____ Pilot rating held: _____

Do you own an aircraft?: _____ Make & Model: _____ Registration No: _____

Are you building an aircraft?: _____ Make & Model: _____ % completed? _____

Sometimes, flying feels too godlike to be attained by man — Charles A. Lindbergh



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