

The Temple Aero Modeler

The Official Newsletter of the Temple Aero Modelers Radio Controlled Aircraft Club

March 2017



This month's meeting will be held Monday, March 27th at 7:30pm at the Ronald McDonald House Meeting Room in Temple



*New Pilot Training
Sessions begin:
March 22nd*

*Club Meeting:
March 27th*

CLUB INFO

*New event added!
Mall Show:
April 8th*

2017 Officers

President:	Larry Macie 291-4590
Vice Pres/Sec.:	Mark Cullison 773-9686
Treasurer:	Buster Hinkle 718-0243
Safety Officer:	Doug Staines 541-2915
Field Marshal:	Brady Sherwood 780-5790

Instructors

Larry Macie	291-4590
Brady Sherwood	780-5790
Frank Sodek	295-6204
Mark Cullison	773-9686
Paul Horan	780-1274
Doug Staines	541-2915
Fred Huber	698-4777



On The Cover

John Redwine was out flying his electric foamy biplane on the first Wednesday of Daylight Saving Time.

John also cooked hot dogs and sausages for those that were present.

Photo by Frank Sodek

Temple Aero Modelers Event Schedule

Mar 22	1 st New Pilot Training Session	5:00pm
Mar 27	Club Meeting	7:30pm
Apr 8	Mall Show	9am-9pm
Apr 24	Club Meeting	7:30pm
Apr 30	Spring Picnic	1:00pm
May 5	Night Fly	7:00pm
May 22	Club Meeting	7:30pm
Jun 11	Sanctioned Fun Fly	10:30am
Jun 26	Club Meeting	7:30pm
Jul 31	Club Meeting	7:30pm
Aug 4	Night Fly	7:00pm
Aug 28	Club Meeting	7:30pm
Sep 10	Poker Fly	11:00am
Sep 24	Fall Picnic	1:00pm
Sep 25	Club Meeting	7:30pm
Oct 1	Fall Fun Fly	1:00pm
Oct 30	Club Meeting	7:30pm
Nov 1	Final New Pilot Training Session	5:00pm
Nov 27	Club Meeting	7:30pm
Dec 3	Don Cullison Memorial Toy Fly	1:00pm
Dec 11	Christmas Banquet	6:30pm

Club business meetings are held on the last Monday of each month, with the exception of May (pulled up one week because of Memorial Day) and December (replaced by the Christmas Banquet).

On Facebook at:

<https://www.facebook.com/TempleAeroModelers/>
On the web at: www.templeaeromodelers.org

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President's Report



Hello everyone, I hope this newsletter finds everybody well. Now that winter is over "if you thought we had a winter" it's time to get your machines Ready To Fly. There were a few of us this past week who went out to the field, we had a great time and the weather was beautiful. We hope to have more days like that.

Get your planes ready for the upcoming Mall Show. We will iron out the details this next meeting coming Monday. It is going to be one day only and it will be a Saturday. Paul, who has graciously volunteered to set this up, will give us the details. So polish up those birds and let's get a little exposure for the TAM. If you don't think you can make it at least drop off a plane - we will babysit it for you. [Editor's note: see the article about the Mall Show on the next page of this newsletter].

Also let's not forget Wednesdays will be our training night. Hope to see you at the Airfield.

Larry Macie

Club President hilaireg@aol.com

Meeting Minutes (February 27th, 2017 meeting)

The meeting was called to order by Club President Larry Macie at 7:30pm.

New Members/Visitors – None

Minutes from the meeting held in January were accepted as published in the February newsletter with the following correction: "The check written to Stacey Peacock was for \$30. He gave the check back as a donation." Motion to accept the minutes with the correction was made by Steve Meyer, seconded by John Redwine.

Treasurer's Report – Treasurer's report was read by Buster Hinkle, Treasurer. Motion to accept was made by Frank Sodek, seconded by Paul Milton.

Safety Officer's Report – Safety officer was absent. Paul Milton showed us what happens when you turn off the transmitter before the airplane. The electric motor went to full power on the bench and Paul received a nasty cut on his thumb, requiring stitches. He is recovering nicely.

Field Marshal's Report – Field Marshal was absent. Frank, Buster and Brady had a workday at the field. Thanks guys! Wind damage was reported at the field. The safety fence around the pilot stations was damaged. Only other issue with the wind was scattered trash.

Old Business

Mall Show – Paul Milton contacted mall management. They are agreeable to the idea. Target date for the show is April 8th - 9th.

Fly-in-the-Taco Soup was a success! About 10 people showed up to enjoy Larry's savory taco soup.

New Business

Steve Meyer suggested we make Ed Weems a life member of the club. Frank Sodek made the motion, Mark Cullison 2nd, motion passed.

John Redwine donated an electric trainer plane for this season's Wednesday Night Training sessions.

Brady was at a farm/lawn equipment auction and tried to get equipment for the club after discussion with Buster. Prices increased dramatically though so he did not make a purchase.

Trip Reports - None

Blunder Awards

Frank Sodek performed a flat spin into the trees with his Kaos. David Macek flew a foam electric eagle into some powerlines. No damage.

Paul Milton (mentioned in the safety section)

David won the Blunder Award for this month.

Meeting adjourned 8:15 pm.

Minutes recorded and reported by *Mark Cullison*
Club Vice-President/Secretary

Treasurer's Report



Beginning Balance: \$3,921.33

Deposits:

Donation from Ed Weems .\$.1,000.00
City of Temple (Parade) \$500.00
Dues\$330.00
Total Deposits: \$1,830.00

Expenses:

Ronald McDonald House \$25.00
AMA (Charter/insurance) \$120.00
AMA (Fun Fly sanction) \$25.00
Total Expenses: \$170.00

Balance February, 2017: \$5,581.33

Submitted by *Buster Hinkle* Club Treasurer

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Safety Officer's Report



By now, most of you are aware of the mishap one of our members had with their electric powered aircraft, resulting in a trip to the ER. The incident occurred when the transmitter was turned off before turning off the receiver, which caused the immediate activation of the throttle. His hand was in front of the aircraft which lunged forward cutting his thumb in the wildly rotating propeller, and we all know how sharp electric propellers can be. The resultant injury was a badly lacerated thumb requiring several stitches.

The incident serves as a reminder to always turn the aircraft and/or receiver off first, whether flipping the switch off or disconnecting the aircraft battery. This member knew this and had been exercising this practice for years, but for whatever reason did the opposite. When I talked to the member about the incident his one reply was 'I knew better, it should have never happened'.

This incident serves as a second reminder and one that I have talked about in the past, and that is to establish a routine and stick to it. Now, I'm not saying our member in question did not have a routine or followed one; knowing him I'm confident that he does,. But even when you have a routine, distraction or deviation from your set routine can cause a problem.

Like I have said in a past article, establishing a routine and following it reduces the chances of mishaps. While there's no guarantee, it's still a good habit to follow none the less.

Be safe, enjoy the sport, see you at the field.

Respectfully submitted,
Doug Staines
 Club Safety Officer
 dasintex@hotmail.com

TAM Mall Show

By Frank Sodek

Thanks to Paul Milton's prodding at a recent meeting, club members decided to have a Mall Show this year. The show will be held on Saturday, April 8th at the Temple Mall. We will begin setting up the display at 8am and teardown will happen around 9pm. We will be located in the JC Penney's court area, which will provide great visibility for our display. Please bring your models through the door on the west side of the Mall near JC Penney's - it's the entrance that is normally used to get to the movie theater (the doors have IMAX and Premier Cinema signs above them).

The Mall is providing tables and chairs for our models. We

will also be able to place large scale models on the floor in a roped-off area. In prior years I recommended that everyone have a small sign/info sheet for each plane telling the make/model and pertinent specs (wingspan/length/weight/construction materials/engine size/# radio channels/etc) plus the owner/builder's name. This made the display more interesting and typically caused spectators to linger around the planes a bit longer. Another method for keeping their attention that we'll use is to have a "People's Choice" voting for their favorite plane, with the top three builders getting certificates.

We should have at least one flight simulator available and possibly a TV/tape player for showing videos. Everyone should bring any *Model Aviation* magazines they want to get rid of so that we can hand them out to spectators. We'll also be handing out club information sheets and attempting to drum up interest in our club and our hobby, which is the primary goal of this event.

There will be a signup sheet at this month's meeting with timeslots to work the display throughout the day and evening. If you have any questions or suggestions about this event, please attend this month's meeting or else contact Paul Milton or myself.

New Advances in Battery Technology

By Frank Sodek

Paul Horan recently sent me a news article about a team of researchers led by a 94-year-old professor at UT-Austin who have developed newly-patented battery technology that triples the energy density of lithium-ion batteries, is non-combustible, has longer cycle life and faster recharge rates. It sounds too good to be true, but Dr Paul Goodenough is a co-inventor of the original lithium-ion cell, so he definitely knows what he's doing.

The key to the new technology is a combination of replacing the liquid electrolyte that is found in today's Li-ion batteries with a solid electrolyte made up of all things, glass!, plus the use of an alkali-metal anode. The combination of the solid electrolyte with the new anode material prevents dendrites (metal whiskers) from forming and shorting the cells and increases the energy density.

The researchers will be working with battery suppliers to productize this new technology. Hopefully it won't be too long before we're able to use this new technology in our electric aircraft!

For further information, you can find the original article at this location: <https://news.utexas.edu/2017/02/28/goodenough-introduces-new-battery-technology>

Whether you think that you can, or that you can't, you are usually right.

Frank Sodek - Editor
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New Pilot Training: March 22nd
Club Meeting: March 27th
Mall Show: April 8th

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