



FLIGHT LINES

The Monthly Newsmagazine of The Spirits of St. Louis R/C Flying Club, Inc.

Happy New Year

Stuff

By Gary Pyles

I hope everyone had a very Merry Christmas and you have my best wishes for a Happy New Year. Well, the Winter Solstice has passed and that means the days are now getting longer again. There are still three long months before day equals night and temperatures consistently rise into the comfort zone of shorts, no jackets, and activity increase at the field. There is no doubt in my mind that we have the best flying site in the area and a fantastic and diverse group of members and are lucky to have so many volunteers to support the club. Very soon the club sponsored events will kick off and we'll have the opportunity to draw more spectators and potential members to our club. For this we need the membership's help. We can print flyers and put the events on our website, but we need your help to get the word out to your churches, schools and other social groups. I am open to any ideas to increase attendance and membership. Please feel free to contact me anytime.

Don't forget to bring something to the technical presentation during the membership meetings. The best presentation wins \$20 in Mark Twain Hobby gift cards.

Additionally, I owe an apology to Paul Geders, and the membership in attendance at the last membership meeting. I broke my own rule and had a disagreement with Paul during the meeting. That was wrong and I apologize to Paul and the membership.

MEETING MINUTES: December 14, 2011

By Walt Wilson

The meeting was called to order by President, Gary Pyles, at 7:00 P.M.

Members signed in: Nineteen members and a guest, were in attendance.

Announcements: The club work party accomplished a considerable amount of work at the November work party. They replaced the pavilion roof and installed concrete pads along the pit area asphalt. Flight safety line marker poles were relocated in the correct places to match the official field layout. Trees were trimmed.

The membership owes a big "Thank You" to all who worked, especially Tom Foster who led the roofing crew, Bill Lindewirth who cooked, and Mark Livesay, who pro-

vided chili. The roofing crew worked hard all day and are owed a debt of gratitude.

New Member Applicant; A new member introduced himself.

Ken Gibson 636-207-7121

The members welcomed him to the Spirits.

Secretary's Report: *Walt Wilson, Secretary.* Minutes were accepted as published in last month's Flight Lines.

Treasurer's Report: *Bill Lindewirth, Treasurer.* A correction of \$63.00 to last month's report was noted. The club saved a considerable amount of money by members replacing the pavilion roof. The Treasurer's Report was approved as presented.

Membership report: *Membership Chairman, Ralph Doyle,* reported that, including two who renewed at the meeting, 65 members have renewed, or joined for 2012, to date. That's 23 more than we had last year at the time of the December meeting. (At press time, we have 83)

Field Report: *Gary Gaul, Field Committee Chairman.* The wrong size fascia material was delivered originally and couldn't be installed by the work party. The correct material has been delivered and will be installed when the weather improves

Safety Report: *Duane Youngman, Safety Chairman,* was not present. Paul Geders noted that sometimes 2.4 GHz radios will lose the signal if receiver antennae are not properly positioned. Always be sure they are located in the positions noted in the instructions for your radio. This may not be the same for all brands of radios.

Training Program: After asking repeatedly for volunteers, Gary Pyles stepped forward to assume the position of Chief Flight Instructor. He feels changes are required in the program, to protect the club, and will be contacting existing instructors.

Activities Report: , *Tom Foster, Contest/Event Chairman,* was not present. The Chairman and applicable Contest Directors have not formulated a schedule of activities for 2012. (Continued on the next page)

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Hopefully, Tom will get together with the CD's and make arrangements to firm up the proposed schedule on page 8 of this newsletter. CD's are needed for all events to be advertised in Model Aviation magazine. If an event does not have a CD assigned, it will be dropped from the schedule.

Event Publicity: Paul Geders regularly sends e-mail notices, including event flyers, to other clubs in the area and some individuals. Gary Pyles feels this may impose "Junk Mail" on people who may resent it. Walt Wilson suggested an entry form for all events where entrants may provide their e-mail addresses if they want to be notified of upcoming events. Gary eagerly accepted this idea. Publicity will be a subject for further discussion at the next Board Of Directors' meeting.

New Years' Day Fly-In: There was a brief discussion about who would bring various snacks.

OLD BUSINESS: None presented.

NEW BUSINESS:

By-Law Changes; A motion was made and passed unanimously to accept the By-Law changes presented in the December issue of Flight Lines. The former "Junior Membership" is now 'Youth Membership' and is now, 'younger than 19 years of age,' same as the AMA.

Spirits' Apparel: Prices have gone up somewhat on various items. See the order form on page 5 and get outfitted for the coming year!.

Meeting Activity: See the photos for details.



Paul Geders showed his Tiger Moth DH82A, built from a Pilot kit in 1968. It had crashed on its first flight and was stored in his rafters ever since. He rebuilt and re-covered it with Monokote. It has an O.S. 52 four-stroke up front and weighs 4.62 pounds.



WALT WILSON PHOTOS

*Gary Pyles, our 'Gadget Guru', discussed the ParaBoard, which is used to charge and balance multiple LiPo batteries simultaneously. Basically you connect up to 6 batteries' charge leads and balance taps to the ParaBoard at the same time for charging. It does not matter which charge port or balance tap the batteries are plugged into because they all are connected together and only one set of charge leads and a single balance tap are connected to your charger. There are restrictions; the batteries must be the same cell count (i.e. 3S, 2S, etc.) and the battery's cells should be close to the same level of discharge (the difference between cells should be no more than .2V per cell). Because the ParaBoard charges and balances in parallel, different capacity batteries can be charged at the same time, as long as they are the same cell count. So, if you have 1300mAh, 2200mAh, and 3000mAh, they can all be charged at the same time as long as your charger can handle the load. The ParaBoard is available with charge connectors for EC3, EC5, Deans and XT-60 and balance connectors for XH, Thunder Power and Hyperion. Make sure you order the right one for your batteries. Gary bought his at **Readyheli.com** (\$19.95).*

Best Presentation: Paul Geders won the Mark Twain Hobby Center \$20.00 gift card for the best presentation.

Meeting was adjourned at 8:08 P.M. The next meeting will be on January 11.

Membership Renewals Due

By Ralph Doyle

Just a quick reminder that your 2011 Spirits' membership expires on December 31. Members who don't renew by the conclusion of the March meeting will be considered new and will be required to pay an initiation fee. A membership application is included in this newsletter.

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A copy of your 2012 AMA card must accompany your renewal.

Please note that the dues for a Full Membership are now \$135.00. If you are one of the new members who signed up for 2012 using a 2011 AMA card, you must submit a copy of your 2012 AMA card to the Membership Chairman, Ralph Doyle, to retain flying rights.

Roofing replaced

By Bill Lindewirth

Here is the list of the 21 members and one non-member who were at the field for Saturday's work party. Gene Jones, Tom Foster, Bill Lindewirth, Gary Graul, Gary Pyles, Babe Raab, Steve Ramonczuk, Bob Filey, Harold (Lee) Cumberworth, Dennis Skeeter, Ken Brock, Jeff Gutherz, Russ Watts, Don Fitch, Lee Volmert, Sean Yajima, Bob Gizzie, Paul Geders, Mark Livesay, Ralph Doyle, Carolyn Schlueter, and non-member; Tony Pozarich.

George Cooper later built and replaced several holdback sockets. He drove all the holes a little deeper and set the curved section on top into the ground a little to give maximum mowing clearance. There are five new ones assembled (plus a few spare parts) in a box in the rafters in the SE corner of the attic.

In accordance with Ralph Doyle's membership report at the last meeting, the turnout followed the 10% rule almost perfectly. There were only two people there whose names I didn't know, As always, it is the same people doing all the work all the time.

Spirits' Apparel

By Walt Wilson

Sports Energizer, located at 9627 St. Charles Rock Road, has our club logo on file, and would be glad to fill orders for our members.

Fill out the Spirits' Apparel order form on page 5, along with a cashiers check, money order, or personal check, for the grand total amount, made out to Sports Energizers and send to:

Pat Keebey
#4 Country Creek Dr.
St. Peters, MO 63376

Pat has volunteered to do this for the club and all orders are to be placed through him to assure quantity discounts which are reflected in the prices on the order form. Pat will place an order after the March meeting. To get the listed prices, send your order to him to be included with the group. If you have any questions, Pat's phone number is 636-928-3918.

- The club will keep about a dozen caps available at a time, and when out, will renew the order.

- Jackets, golf shirts, sweatshirts and hats should be paid for by the member when placing an order.

- Pat will collect orders and place them when he has a sufficient number.



WALT WILSON PHOTO

*Did you ever want to use your transmitter to fly the simulator and not have to bother connecting the buddy cable? Now you can with the Simstick, a wireless USB interface that uses a Spektrum 6 channel DSM2 receiver to connect to your Spektrum or JR transmitter. The Simstick works with both RealFlight and Phoenix flight simulators with a minimal amount of setup and can stay connected to your PC. The Spektrum receiver used must be one with narrow pin spacing such as the AR6100 or the HobbyKing Orange R610. See www.simstick.co.uk for an approved list of compatible 2.4 GHz receivers. Setup is easy and a video detailing the setup for both RealFlight and Phoenix are available at Simstick's website. Simstick is available for Futaba as well. See Simstick's website for more details. Gary bought his from **Readyheli.com** (\$39.95) but many online shops carry this product. He really likes this device and leaves it connected to his PC with RealFlight running in the background. When Gary wants to fly, he just turns on his transmitter and flies. Mixes, throttle and pitch curves, dual rates and expo settings all pass through from your transmitter to the simulator.*

What could be easier?

- The merchandise will be brought to the meeting for pick up by the members.
- No deliveries will be made to the field.

New Years Day Fly-In, January 1, 2012

By Walt Wilson

The sky was a clear blue and the sun shined gloriously. Unfortunately, the temperature was hovering around 40 degrees with winds gusting beyond 25 mph! It wasn't the most unpleasant New Years' Day Fly-In we've had, but it was far from the best. Three intrepid flyers braved the wind and flew their precious birds. (Continued on the next page)

FLIGHT LINES

(Continued from the previous page)

Kevin Cordell (right) was the first to fly in 2012, with his electric-powered X-Cell Furion helicopter, followed closely by Paul Geders with his old faithful O.S. .25-powered Lil Stik. After a while, Greg and Jeff Bohrer flew their electric-powered P-40 Warhawk. Others may have braved the winds later in the day, but for all practical purposes, the Fly-In was concluded by a dozen or so members standing around shooting the breeze. There may have been a lot of hot air after that, but it failed to keep the pavilion warm enough for many people to hang around for long.

First To Fly In 2012



Spirits of St. Louis R/C Flying Club, Inc.

Spirits Apparel ORDER FORM

JACKETS:

<u>Blue lined:</u>	Quantity	Price: \$24.00 each + \$1.84 tax = \$25.84	Total
Small	_____	Left chest logo on front only _____	_____
Medium	_____	Logo on back only _____*	_____
Large	_____	Logo on front & back _____*	_____
Extra Large	_____	Price: \$24.00 each + \$1.84 tax = \$25.84	_____
XX Large	_____	Price: \$28.00 each + \$2.15 tax = \$30.15	_____
XXX Large	_____	Price: \$32.00 each + \$2.46 tax = \$34.46	_____

***Note: Logo on the back is an additional \$4.00 per garment**

JACKETS: Name on front will be located on left chest area. Put the name you want on the jacket below:

GOLF STYLE SHIRTS:

<u>White with blue logo and lettering:</u>	Quantity	Price: \$19.00 each + \$1.46 tax = \$20.46	Total
Small	_____	Left chest logo on front only _____	_____
Medium	_____	Logo on back only _____*	_____
Large	_____	Logo on front & back _____*	_____
Extra Large	_____	Price: \$19.00 each + \$1.46 tax = \$20.46	_____
XX Large	_____	\$22.00 per shirt + \$1.69 tax = \$23.69	_____
XXX Large	_____	\$25.00 per shirt + \$1.92 tax = \$26.92	_____

***Note: Logo on the back is an additional \$4.00 per garment**

GOLF SHIRTS: Name on front will be located on left chest area. Put the name you want on the Shirt below:

Blue with white logo and lettering:

	Quantity	Price: \$19.00 each + \$1.46 tax = \$20.46	Total
Small	_____	Left chest logo on front only _____	_____
Medium	_____	Logo on back only _____*	_____
Large	_____	Logo on front & back _____*	_____
Extra Large	_____	Price: \$19.00 each + \$1.46 tax = \$20.46	_____
XX Large	_____	\$22.00 per shirt + \$1.69 tax = \$23.69	_____
XXX Large	_____	\$25.00 per shirt + \$1.92 tax = \$26.92	_____

SWEATSHIRTS:

<u>White with blue logo and lettering:</u>	Quantity	Price: \$16.00 each + \$1.23 tax = \$17.23	Total
Small	_____	Left chest logo on front only _____	_____
Medium	_____	Logo on back only _____*	_____
Large	_____	Logo on front & back _____*	_____
Extra Large	_____	Price: \$16.00 each + \$1.23 tax = \$17.23	_____
XX Large	_____	\$22.00 per shirt + \$1.69 tax = \$23.69	_____
XXX Large	_____	\$25.00 per shirt + \$1.92 tax = \$26.92	_____

***Note: Logo on the back is an additional \$4.00 per garment**

SWEATSHIRTS: Name on front will be located on left chest area. Put the name you want on the Sweatshirt below:

Blue with white logo and lettering:

	Quantity	Price: \$16.00 each + \$1.23 tax = \$17.23	Total
Small	_____	Left chest logo on front only _____	_____
Medium	_____	Logo on back only _____*	_____
Large	_____	Logo on front & back _____*	_____
Extra Large	_____	Price: \$16.00 each + \$1.23 tax = \$17.23	_____
XX Large	_____	\$22.00 per shirt + \$1.69 tax = \$23.69	_____
XXX Large	_____	\$25.00 per shirt + \$1.92 tax = \$26.92	_____

***Note: Logo on the back is an additional \$4.00 per garment**

<u>Hats:</u>	Quantity	Price: \$10.00 each + \$0.77 tax = \$10.77	Total
Blue/white summer caps	_____	\$10.00 each + \$0.77 tax = \$10.77	_____
Solid blue winter caps	_____	\$10.00 each + \$0.77 tax = \$10.77	_____
Grand Total			_____

Name: _____

Address: _____

City: _____ State: _____ Phone Number: (_____) - _____ - _____

No minimum, may be shipping fees applied for jackets if there are only one or two ordered. Usually 12 items is a full order.

Send this filled out *Spirits Apparel ORDER FORM* along with a cashiers check, money order, or personal check for the Grand Total amount made out to **Sports Energizers** and send to:
Pat Keebey
#4 Country Creek Dr.
St. Peters, MO 63376

FLIGHT LINES



*This Top-Flite Gold Edition P-39 Airacobra is the last plane the late John Rawlings completed. He built it while residing in an assisted living facility. It's being donated to the Spirits by Walt Wilson on behalf of John. It will be auctioned off at the February membership meeting with all proceeds going to the Spirits' training program. The money is to be used to purchase a new trainer(s) or whatever is needed for the introduction and training of new and potential pilots. It's finished with Monokote and has flaps and Robart tricycle pneumatic retracts. It's built for a Saito .91 four-stroke, but the donation does not include the engine. Most engines in this size range can be adapted to it. A good 1.20 four-stroke might make it a competitive Warbird! It has one Futaba servo installed for the flaps, and will otherwise require a complete radio system. The canopy is not permanently attached yet, so a detailed cockpit and/or pilot may be added. It's well-built and needs some final assembly and detail work. It's a big airplane and should be a great flyer. Sealed bids will be accepted and will remain sealed until the highest live bid is made at the meeting. Send sealed bids to:
Walt Wilson, 3000 Persimmon Drive, St. Charles, MO 63301-0131*



One of our youngest members, Nicholas Blodgett, 9, hovers his new Air Hog helicopter about 30 minutes after receiving it for Christmas.

The Last Word

By Walt Wilson

2011 was a very good year for the Spirits. We had some much-needed repairs done to the runway and pit area, thanks to a lot of hard work by Dave Brown and Gary Graul. The pavilion has a new roof, thanks to Tom Foster, a hard-working crew, and Bill Lindewirth for pursuing an insurance settlement. Paul Geders saw to the installation of concrete pads to help avoid spillage of fuel on the pit asphalt. The Tailgate Swap Meet was successful, thanks to Daryl Youngman and a few helpers. We had some money-making Helicopter Fun-Flys, thanks to Tom Foster, Kevin Cordell, and Pete Stephans. The Open House made money, thanks to Tom Foster, Gary Pyles, Gary Graul, and the rest of the committee that put it together. Our concessions showed a profit, thanks to Bill Lindewirth, Mark Livesay, Steve Ramonczuk, and the others who worked in that area. We gained several Youth Members and our membership is the largest it's been since we moved to St. Charles County, thanks, in part, to a special promotion at the Open House. We're thriving, while some other clubs in the area are said to be in decline.

2011 was a success, because a few people were willing to go the extra mile and work for the club. What are you contributing?
Gotta go build!



SPIRITS OF ST. LOUIS R/C FLYING CLUB, INC.
MEMBERSHIP APPLICATION
 FOR YEAR _____
 (PLEASE FILL IN YEAR ABOVE)



PLEASE PRINT CLEARLY!

Name: _____

Address: _____

City: _____

State: _____ Zip: _____ Phone: _____

AMA No.: _____ Age: _____

Your e-mail address: _____

Additional Family Members:

Name: AMA #	Name: AMA #	Name: AMA #

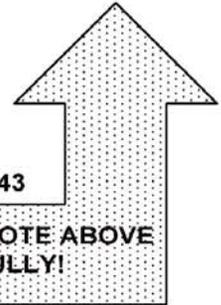
NOTE: ANY MEMBER WHO ALLOWS THEIR MEMBERSHIP TO LAPSE BEYOND THE END OF THE MARCH MEETING OF ANY YEAR SHALL BE CONSIDERED A NEW MEMBER WHEN RENEWING THEIR MEMBERSHIP. SOURCE: ARTICLE 7 SECTIONS 1 THRU 4, CLUB BYLAWS. DUES ARE PAYABLE NO LATER THAN THE JANUARY CLUB MEETING.

To become a new member or renew your membership, please do the following:

1. Fill in the above information, even if this is a renewal.
2. Photocopy this application with valid AMA license of each flying member in the spaces below.
3. Make out a check payable to SPIRITS OF ST. LOUIS R/C FLYING CLUB, INC. (**NO CASH PLEASE**)
4. Send completed application and check to the membership chairperson: →→→→→

Membership Chairperson

Ralph Doyle
 2463 Westington Dr.
 Maryland Heights, MO 63043
 314-878-7914



If you apply at a club meeting, be sure to have all three of the above items. Meetings are held on the second Wednesday of each month, 7:00 p.m., at the Bridgeton Trails County Library Branch, 3455 McKelvey Rd.

Note: New Members shall be introduced in person OR, by their sponsor, to the club before joining. This allows new members to join the club, even though their schedule doesn't allow them to attend club meetings. New members who join in August or September will pay \$10.00 each for August and/or September, and will also pay next year's dues and initiation fee at the same time. New members who join on/after October 1st pay only the annual membership amount and the initiation fee, but get the next year and the end of the current year included. Junior members pay no initiation fee and \$2.50 each for August and/or September!

MEMBERSHIP AGREEMENT:

I agree to abide by the SAFETY RULES and CONSTITUTION & BY-LAWS of the SPIRITS OF ST. LOUIS R/C FLYING CLUB, INC.

 Signature

Date: _____

 Family Member Signature

Date: _____

Membership rejected if not signed and dated, or AMA card NOT VALID FOR YEAR APPLIED FOR!

Spirits Web-site Address is: <http://spiritsofstl.com>

Place AMA card here when
 photocopying photocopy

Place AMA card here when
 ing

AMA "Introductory Membership" Program NOT VALID for membership to our club!

FLIGHT LINES

Proposed Spirits of St. Louis R/C Flying Club, Inc. 2012 Event Schedule

Date	Contest/Event	Contest/Event Director	Notes
Spring	Tailgate Swap Meet at Field	Steve O'Conner	Date TBD
April 28	Four-Star 40/Warbirds	Paul Geders	Field Open for General Flying Until 10:00 or 10:30 A.M.
May 19	Scale Fly-In	Steve O'Conner	Sunday Event and Field is Open to General Flying
June 9	Boy Scout Day	Les Richman/ Co-CD needed	Field open for General Flying
June 23	Helicopter Fun Fly	Tom Foster	All Day Event
July 21	Four-Star 40/Warbirds	Ralph Doyle	Field Open for General Flying Until 10:00 or 10:30 A.M.
Aug 4	Electric Fly-In	Bohrer Bros./ Chris Nenzel	Field Open for General Flying After 2:00 P.M.
September 8	Four-Star 40/Warbirds	Steve Cross	Field Open for General Flying Until 10:00 or 10:30 A.M.
September 12	Meeting at Field	Bill Lindewirth	Member Appreciation Dinner
September 22	Helicopter Fun Fly	Tom Foster	All Day Event
September 29	Open House	Committee	



FLIGHT LINES

Walt Wilson
3000 Persimmon Drive
St. Charles, MO 63301-0131

www.spiritsofstl.com

**Meeting is on
Wednesday,
January 11,
at 7:00 P.M.**