

Carrier Wave

Newsletter of the Phantom Flyers R/C Club

<http://phantomflyersrc.com>

CLUB OFFICERS	Work	Home
President – Ed White	232-1479	(636) 441-6431
Vice President – Frank Thomas		(636) 394-1546
Secretary – Tim Wortkoetter		(636) 248-4333
Treasurer – Dan Sundman	777-9204	(636) 281-0676
Safety Officer – George Dauble		(636) 447-3627
Boeing Rec Counselor – Larry Leuschke	234-5116	(636) 537-1472
Field Manager – By Committee		
Chief Flight Instructor - Al Bone		(636) 723-4062
Activities Committee Chairperson - Dan Abel		(314) 830-0138

Board of Directors:	Work	Home	Send Membership Renewals to:
Ed White	(314) 232-1479	(636) 441-6431	Tim Wortkoetter
Jim Wortkoetter	(314) 777-8953	(636) 947-1034	5212 Woosencraft Dr.
Mitch Galatioto	(314) 234-5141	(636) 447-5484	Wentzville MO 63385

Send Newsletter Items to:

ED. Dave Evans Phone (Home) (636) 332-1980
4214 Bedford Creek Ln. Email: editor06@phantomflyersrc.com
Wentzville, MO 63385

November 2006

Upcoming Events/Important Notices

???????, Cox Warbird Pylon Race

15 November, Club Meeting at Senior Center

December 2, Christmas Party

Articles, pictures, and tech notes for publishing in the Carrier Wave are always appreciated. I try to get the Carrier Wave out a week before the monthly meeting, please submit articles a week and a half before the meetings. Please send pictures, preferably in JPEG format, in separate files from text files. Text should be in MS Word format, simple text file format, or some format that MS Word can read. Indicate where pictures should be in the text with a note in parentheses such as (Picture ABCDC001.jpg goes here). I will integrate text and pictures in my page layout program.

Thanks,
Dave Evans



AMA Club # 393
Phantom Flyers
St. Charles, Mo RC Club



Minutes 10-18-06

Meeting was called to order at 7pm by President Ed White.

Minutes were approved as written.

Treasurer Report: approved as given.

Activities: The Christmas dinner is scheduled for Saturday Dec 2 at Hatfield & McCoy's. The party starts at 6:30 with dinner at 7p.m. The cost is \$10 a plate.

Swap Meet: It's that time again. We need to have someone volunteer to lead the effort for the swap meet. There was a discussion of whether we should move back to building 33. It was decided that if the building was available we should use it to save money due to the smaller turn out the last few years. Moving the date to another month to try to increase the attendance by vendors after going to Toledo or to raise dues and not have the meet at all. It was felt that it was an important event to continue to stay in good standing with Boeing and the community.

GISMA: minutes approved as written.

Field Report: Gravel has been delivered to the field and a work party was conducted to spread out the rock and due the final mowing for next year. The mower will be stored at an off site location. \$20 a month was approved to pay for the expense of storage.

Safety: no report

Recreation: If you have any of the clubs items please let Larry Leuschke know.

Old Business: Emery Kattelman is still trying to get an insurance quota. He is having a hard time due to getting the run a round from the agents. He needs a list of everything that is in the container.

New Business: Club nominations were held and list as follows:

President: Ed White

Vice President: Frank Thomas

Treasurer: Dan Sundman

Sectary: Jan Janson

We still need volunteers for field manager and safety officers.

The meeting was adjourned at 8:40

Per the bylaws, the President's nominating committee has assembled a slate of nominations for officers for next year.

The nominees are:

President -	Ed White
Vice President -	Frank Thomas
Secretary	Jan Jansen
Treasurer -	Dan Sundman

The nominations will remain open until the November meeting (November 15). Really...feel free to volunteer a nomination for an office. At the November meeting nominations will be closed and we'll vote on the officers for 2007.

Photographs by Ben Lanterman



Yes, these are all model airplanes from various events. See more of Ben's pictures by clicking on the link in Phantom Flyers website.

Proposed Event Schedule for 2007

EVENT	2007 DATE	DAY	2007 CD
SNOW FLY	1-Jan	MON	
CLUB MTG @ SR CENTER	17-Jan	WED	CLUB PREZ
CLUB MTG @ SR CENTER	21-Feb	WED	CLUB PREZ
CLUB MTG @ SR CENTER	21-Mar	WED	CLUB PREZ
SWAP MEET	TBD	SAT	
PACK 30 ROCKET LAUNCH	7-Apr	SAT	GARY LUEBBERT
CLUB MTG @ SR CENTER	18-Apr	WED	CLUB PREZ
CARRIER FUN FLY / COX PYLON	6-May	SUN	
FLOAT FLY PRACTICE : 12-4 PM	12-May	SAT	DON VETRONE
CLUB MTG-FIELD	16-May	WED	CLUB PREZ
FLOAT FLY : 9:30 AM -12	26-May	SAT	DON VETRONE
PATTERN SEMINAR 12 NOON	2-Jun	SAT	ED WHITE
FAMILY BBQ / B-A-P / COX PYLON	10-Jun	SUN	
CLUB MTG - FIELD	20-Jun	WED	CLUB PREZ
FIELD PREP FOR ELECTRIC FLY	14-Jul	SAT	
CLUB MTG - FIELD	18-Jul	WED	CLUB PREZ
ELECTRIC FLY	21-Jul	SAT	
ELECTRIC FLY	22-Jul	SUN	
CARRIER FUN FLY / COX PYLON	5-Aug	SUN	
CLUB MEETING - FIELD	15-Aug	WED	CLUB PREZ
FIELD PREP FOR CONTEST	18-Aug	SAT	ED WHITE
PATTERN CONTEST	25-Aug	SAT	BILL AHRENS
PATTERN CONTEST	26-Aug	SUN	BILL AHRENS
FIELD PREP FOR HELICOPTER FLY	8-Sep	SAT	
HELICOPTER FLY IN	15-Sep	SAT	
CLUB MTG @ SR CENTER	19-Sep	WED	CLUB PREZ
CARRIER FUN FLY / COX PYLON	29-Sep	SAT	
CLUB MTG @ SR CENTER	17-Oct	WED	CLUB PREZ
CLUB MTG @ SR CENTER	28-Nov	WED	CLUB PREZ
CHRISTMAS DINNER	1-Dec	SAT	CLUB PREZ

BOEING EMPLOYEES' RC MODEL AIRPLANE CLUB

2007 MEMBERSHIP APPLICATION

Submit form and membership dues to:

Tim Wortkoetter
5212 Woosencraft Drive
Wentzville, Mo. 63385

Membership Type and Fee:

Regular/Retired \$50/year x ____ yr(s) = _____
 Family (IRS Dependents) \$55/year x ____ yr(s) = _____
 Auxiliary (see below) \$50/year x ____ yr(s) = _____
 Nonparticipant/Co-Op \$ 5/year x ____ yr(s) = _____



Select
One

Note: All new applications received after 01 Jul of this year will receive next year's dues free.

***** **Late Renewal Fee** ***** \$15 fee _____
 (Late Renewal Fee Required if member hasn't paid by 31 Dec of 2006)
Total Amount Due = _____

Make checks payable to:
Boeing Employees' RC Club, Inc.

Eligible Member

Additional Family Member

Member Name (Name/Nickname)	_____	_____
AMA Number	_____	_____
Work Phone	_____	_____
Employee Number	_____	_____
Department	_____	_____
Mailcode _____	_____	_____
Home Phone	_____	_____
Street	_____	_____
City, State, Zip	_____	_____
Birth Date	_____	_____
Spouse's Name	_____	_____
Work E-Mail Address	_____	_____
Home E-Mail Address	_____	_____
Can Tow Mower? (Yes/No)	_____	_____
Can Mow Flying Field? (Yes/No)	_____	_____
Radio Frequencies (List all you use)	_____	_____

Auxiliary Member Only: (\$50 each Auxiliary Member)

Qualification: _____ Immediate Family Member* _____ Former Boeing Employee**

*Please indicate relation to member ____ Parent ____ Sister/Brother ____ Non-Dependent Child

If immediate family member, please

indicate the sponsoring qualified club member: _____

**Former Boeing Employees are defined as those who either voluntarily terminated their employment or individuals who were previously employed by the company and terminated as a result of reduction in force. In addition, they must have been employed by the company and been active members of the club for which they are seeking associate membership for a minimum of 3 consecutive years immediately prior to their application for associate membership.

For Club Administrative Use Only	Dues Received _____ Date _____	Current AMA Received/Shown _____ Date _____
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My signature below signifies that:

I have read, understood and will abide by the Phantom Flyers RIC Safety and Field Use Rules.

I understand that my participation in this activity is purely voluntary and I agree to hold Boeing harmless for any and all liability for any injuries including death, which I might sustain while participating in this activity. This release will not affect any benefits to which I am entitled under the Boeing benefit plans.

Signature: _____ Date: _____

The following articles are reproduced from the September issue of AMA Insider

Murphy's Laws Revisited

by Al Coelho

Murphy had some laws; here are some of Al's.

1. Law of mechanical repair: after your hands become coated with grease your nose will begin to itch or you'll have to go to the bathroom.
2. Law of tools: any tool, when dropped, will roll to the least accessible corner.
3. Law of probability: the probability of being watched is directly proportional to the stupidity of your act.
4. Law of the telephone: when you dial a wrong number, you never get a busy signal.
5. Law of the alibi: if you tell the boss you were late for work because you had a flat tire, the very next morning you will have a flat tire.
6. Law of lanes: if you change lanes in traffic, the one you were in will start to move faster than the one you are in now.
7. Law of likeability: as soon as you find a product that you really like, they will stop making it.
8. Law of close encounters: the probability of meeting someone you know increases when you are with someone you don't want to be seen with.
9. Law of the result: when you try to prove to someone that something won't work, it will.
10. Law of biomechanics: the severity of the itch is inversely proportional to the reach.
11. Law of carpets: the chances of an open-faced jam sandwich landing face down on a floor covering is directly correlated to the newness, color, and cost of the carpet.
12. Law of logical argument: anything is possible if you don't know what you are talking about.



From SAM NX-211, Saint Louis MO

Creating Insignia and Markings

by Frank W. Beatty

Colorful appropriate markings, insignia, and lettering can bring our models to life. Suitable markings may be furnished in the kits we buy or can be purchased at hobby shops. Scratch builders can generate suitable markings on home computers or at copy centers such as Kinko's, but sometimes none of these options will do the job.

This describes an additional system of creating markings that has worked on half dozen or so of my models.

Obtain a piece of plate glass 12 x 12 or 12 x 18 inches with the edges ground round to prevent cuts. Coat one side with a sudsy, soapy film of water. (I use a bar of Oil of Olay hand soap.) When dry, spray with coats of dope. It can be clear or colored coats depending upon how you will go about creating the images.

The clear, doped glass can be placed directly over a full-size pattern of the image you are duplicating. Designs such as an Indian Head Squadron insignia or unusual lettering can be painted or inscribed directly above the pattern below using model dopes or FW Acrylic Artist ink. These inks can tolerate some handling and will not be affected by the protective clear dope overspray that will follow.

If there are large, unusual-style letters or numbers, then. spray the glass with that color. Trace the outlines on the plate and then cut around the outline with an X-Acto knife. The soapy film will act as a release agent and these images will easily lift off the glass.

Trace around where the image will be located on the model and paint that area with a very watery, thinned-out mix of Elmer's Glue and then apply the image to that area. Squeegee out any surplus glue and level out any bubbles. This application of glue sets the image to the model surface and will prevent crazing or distortions from occurring when a protective, clear dope overspray is applied to the area.

The colored dopes can be sliced into very thin strips and used for pin striping around lettering, etc. These thin strips and images you have created are surprisingly strong and will tolerate considerable handling without breaking up.

Here's to prettier models!

Tips & Tricks

Fixing Holes

Fixing fiberglass cracks or filling holes and missing sections on airplane parts such as cowls is not hard to do. Clean the part well. Patch the area with masking or electrical tape on the outside surface. Cut fiberglass cloth to fit the inside area and a second patch slightly larger to overlap. Coat the inside of the tape with epoxy and layer the patches. When the epoxy cures, remove the tape and the repair will have nearly the shape of the original.

—*Ernie Lee via the Web*

Keep Connected

To prevent electrical connections (such as servo wires connected to a servo connection inside of a wing panel) from coming apart, place a short piece of heat shrink tubing around the connections and then apply heat to the shrink tubing. This will ensure a connection that will not come apart.

—*Gordie McCann via the Web*

both from Odessa Propbusters, Odessa TX

Working With Carbon Fiber or Fiberglass

You may have noticed that your tools do not last very long when sanding or filing carbon fiber or fiberglass. Even the best hardened tools will lose their edges when working with these materials. One trick I have found is to use a metal cut-off bit in my high-speed motor tool, but instead of using it at high speeds, I use it at low speed. I do not want to melt the resin as it will just wreck the bit. High-speed tools are great for many tasks, but when it comes to carbon fiber or fiberglass, I prefer to use these tools in the slowest setting possible.

Carbon fiber and fiberglass are great lightweight products used throughout our hobby. Sometime we may not even realize that we are working with these products since many airplanes are made of balsa and have a shrink-like covering, such as MonoKote or UltraKote.

Many of the airplane's motor mounts are made of a plastic material which in many cases is carbon fiber. Carbon fiber and fiberglass can be deadly if inhaled. These materials cannot be dissolved by the body and will remain in your lungs. The body will try to rid itself of this foreign material and can cause respiratory problems and possible death.

When drilling, filing, or sanding anything that looks as though it is made of plastic, carbon fiber, or fiberglass, it is always best to wear a good mask that will filter out the very small particles you will be producing. The best mask you can buy and one that uses a carbon filter and has a good, tight fit is the one you should use.

You should also wear some sort of eye protection because removing fiberglass dust or particles from your eyes will not be a pleasant or easy task.

—*from the Batavia RC Flying Club Web site, Batavia NY*