

		President's Messa
Officers		
President		HAPPY NEW YEAR!!!
Bill Mitchell	256-975-5687	
Vice-President		It's been cold but hopefully we will have some good days to fly.
John Pieczynski	256-651-6487	the time to get those RC projects completed and new planes by
Secretary		spring time. Remember if you fly electrics to keep those batteries
Aaron Smith	256-585-0152	before flying.
Treasurer		cerere injuity.
David Seymour	256-830-2047	We had a quorum at our November and December meetings! That
Newsletter Editor		
Fred Herrmann	256-881-1090	all those who attended. Let's try to keep up the attendance
Committee	Chairmen	meetings. Remember this is your club and your vote counts -
Field		needed.
TBD	256	
Programs		We still need some volunteers for Publicity and Field Chairs. If y
TBD	256	interested please contact me or one of the other board members.
Publicity		See you at the field!
TBD	256	

R!!!

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e volunteers for Publicity and Field Chairs. If you are contact me or one of the other board members. d!

Bill

256

256-651-6865

256-541-6123

256-883-7571

256-653-6632

Flight Instructors

By Appt.

By Appt

By Appt

Safety

TBD

Web Editor **Bob Sorrells**

Pete Wick

Mike Norton

James Whitbeck

_____**___**____

General Membership Meeting Minutes

The club meeting was conducted on December 17th at 7:00 PM. A quorum was present. Many members were renewed and several new members were signed up.

Comments from John – recommend using this time to begin building new airplanes and to perform an annual check on your planes to keep them safe. He also recommended that everyone cycle any batteries that have remained idle for several months. This will prevent them from going bad over the winter months.

The Treasurer presented the finance report.

From the president - We need volunteers for the positions of Field Chairmen and Safety Chairmen. Club day will be May 14th. Fuel levels were discussed and deemed sufficient to last until approximately March. Bill mentioned that you can renew your memberships online now. Bill presented a certificate from the AMA for our last War bird event.

Fred spoke with The YMCA about performing demonstrations inside their building to get kids interested in the hobby. More to follow on this.

Robert Walls gave an update on the Fall Toys for Tots fly in. There were 11 entries, \$220 cash, \$260 total collected. He also mentioned that we need a new CD for the next Toys for Tots this fall.

Fred presented his Hexcopter with FPV and explained how these systems work.

Janurary 2014 RCRC BOD Meeting <u>Minutes</u>

Bob Sorrels (our webmaster) spoke with Bill about his willingness to print membership cards for those that want to sign up online. He proposed printing the cards and delivering them to RC Hobbies to be picked up by the members. This was discussed and will be presented at the club meeting.

Bill proposed we waive the small fee charged by PayPal for renewing memberships online. All are in favor. Bill will bring this item to the club meeting.

Wind socks were discussed. Or should I say, the lack thereof. Currently both of the field socks are gone. New socks will need to be purchased.

A fellow member donated two airplanes to the club. Bill presented his idea to use one of the planes for use as a club trainer, to be used for training new pilots, with the use of a buddy-box at all times. This will be discussed further as we need to ensure we are covered by AMA in the event of a crash.

Regards,



Instructor Looking for Students!

Any new member of RCRC (AMA membership required) that wants to learn how to fly a nitro trainer can give John Pieczynski a call at (256) 651-1487. John is willing to train them on one of his many trainers. This way you can receive some flying experience before making a decision on what type of plane you want to buy, or while you're still completing your own plane.



<u>The Editor's Corner</u>

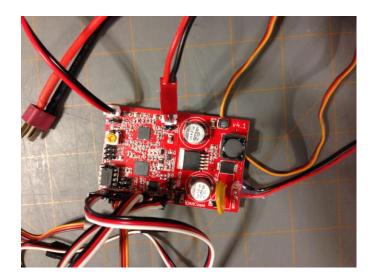
Have a new project that you're working on? Found a really great way of getting to that part that needs to be removed without re-kitting the model. If so we'd like to know about it!

Participation at RCRC is of course always encouraged! If you'd like to contribute an article to the newsletter please send me an email with your attached article. My email address is: <u>ftherrmann@comcast.net</u>

This month I've decided to put together a piece called:

<u>How to Turn that Electric Foamie into a</u> <u>96 dB Flying Sound Machine</u>

I've always wanted a realistic sounding Stuka. Several years back someone made an actual model sized air siren for the Stuka. However at a price of over \$300 it was a little out of my range. Then I discovered "MrRCSound". I opted to go with a two speaker sound system which puts out about 96 dB of sound. Loud enough that my wife and daughters asked me: "Does it have to be that loud?" when I was trying it out in my office. The standard system comes with six airplane engine sounds including Continental, Lycoming, Merlin, P&W Double Wasp, Daimler Benz 801 and a Generic Turbine. The module also supports cannon, dive bomb and machine gun sounds that can be synchronized with led outputs. Additional sound modules that include a variety of other scale planes can also be purchased.



The Youtube videos I watched were impressive but didn't really do the sound system justice. I was really impressed with the quality and volume of the sound after installing and testing it in the FMS Stuka.

I've had a few foamies over the years and the FMS is almost too nice to be simply called a foamie! The detail and finish of the FMS Stuka is really nice. It includes scale detailed split flaps and ailerons, working navigation and landing lights along with a flyable scale prop and spinner. At first I had my doubts about using the included 3 piece prop but after a closer examination I found that the spinner which forms the 3 bladed prop is made out of the same fiber reinforced plastic that the prop blades are made of.



After removing the wings from the box I immediately proceeded to start drilling into the wings to place two high intensity LED's into the leading edges.

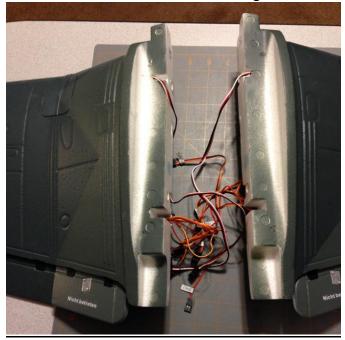


Next came the decision of where do I install the two speakers? After doing a little bit of research I decided to get out the foam cutter and remove foam from the chin scoop and the fuselage area just behind the leading edge of the wing. I then carefully applied a small amount of "Gorilla" glue to the speaker boxes and placed them into the cutouts. The rigidly mounted speaker boxes should take up for any structural integrity lost as a result of the foam removal.





You could have the Stuka assembled and ready to fly in a matter of minutes without installing the sound system; however the addition of the sound system and LED's did complicate the build just a little bit. Some soldering and connector crimping was required and the sound board fits perfectly into the fuselage. After all was said and done there was little room left in the fuselage.



The engine startup, run and shut down sounds are tied to the throttle. I ended up using a 6 channel receiver and tied the dive siren sound and cannons to the flaps since the Stuka deployed full flaps before a dive bombing run. The machine guns are connected to a separate channel switch.





Total all up flying weight with a 4 cell 3300 mAh lipo comes in right at 80 ounces (Wing Area = 458 square inches). This comes in at the high end of the RC wing loading scale at 25 oz/square foot but I feel ("hope") that the plane will fly well with the included 3648-600KV Motor and 13x9 3 blade prop. I've done several run ups and the setup produces plenty of thrust! The Stuka and I look forward to seeing everyone at the next club meeting!

Stay warm!

Fred

PS: I put together a RCRC flying site add-on for the Phoenix flight simulator a couple of years ago. The link to the files is:

http://www.rocketcityrc.com/External_Links.php

You can also see a preview of the add-on at:

https://www.youtube.com/watch?v=A3IVI30aP8w&f eature=youtu.be&hd=1

Installation is pretty simple:

Extract contents of the zip file and drag the RCRC folder to "My Documents/PhoenixRC/Flying Sites". Run Phoenix Flight Simulator and select RCRC from the list of flying sites. Watch out for the fence, trees and buildings! Safety Segue-way: No flying behind the zero line... It's dangerous and irritates the other pilots and spectators!



Bring your items to sell or trade. Planes, motors, radios, accessories anything hobby-related !

2014 Madison County R/C Swap Meet

Date: March 22, 2014 Vendor Setup: 7:30am Time: 8:30am - Noon Auction: Noon-1:00pm

Pineview Baptist Church 5614 Highway 53 Harvest, AL 35749 (North of Huntsville, AL)

GPS - Latitude 34° 50' 21"N Longitude 86° 42' 24"W Driving Directions on Reverse Side

Raffle Sponsored by:



NARCA Swap Meet at Pineview Baptist Church 5614 Highway 53, Harvest AL 35749

Directions:

From the University Drive and Jordan Lane intersection - Go north on Jordan Lane about 8.4 miles.

From Chattanooga & Scottsboro: US-72 becomes I-565. Stay on I-565. After passing through Huntsville and the Space Center take Research Park Blvd (Old Rideout Road) North Exit for about 5.8 miles. Then Exit to North on Route 53 (Jordan Lane) about 3.9 miles to Swap meet (on the right).

From Nashville: Take Tenn. exit #1 toward Huntsville (note your mileage). Carefully follow signs towards Huntsville. Follow Ala. Route 53 South approximately 16.5 miles (from the Interstate exit) to Swap meet (on the left).

From Birmingham: immediately North of the Tennessee River take I-565 East toward Huntsville. Approaching Huntsville take Research Park Blvd (Old Rideout Road) North for about 5.8 miles. Then Exit to North on Route 53 (Jordan Lane) about 3.9 miles to Swap meet (on the right).

For Google Map and Local Info please check the Event Info tab at <u>http://www.flynarca.com/</u> Raffle, Door Prizes and Concessions!! Indoor Facility; All Vendors Welcome!! Admission of \$5.00 includes a \$5 off \$20 purchase coupon from HobbyTown USA—Huntsville Ages 12 and under FREE!! Tables \$15.00 at door, \$12.00 if prepaid by March 15. One free admission for each 4 tables purchased! Tables limited so call or email to reserve.

Event Director: Ernie Duffey (256) 714-3176



www.flynarca.com



<u>Classifieds</u>

FOR SALE:

Contact: JIM MALVESTI (256) 438-0635

GETTING OUT OF THE HOBBY, SELLING EVERYTHING...UNLESS NOTED ALL ITEMS ARE BRAND NEW AND UNUSED NEVER FLOWN

TOP FLITE CORSAIR 60 KIT COMPLETE AND UNBUILT \$175

T.F CORSAIR 60 BUILT GLASSED AND PAINTED ALL BLACK WITH CUSTOM HOMEMADE COCKPIT WITH PILOT NO ENGINE/MOTOR \$350

CENTURY JET TOP FLITE CORSAIR 60 ROTATING RETRACTS \$225

TWO GREAT PLANES PETE N POKE BUILT AND MONOCOTE 1 PEARL WHITE AND METALIC GREEN TRIM AND 1 IS BLUE WITH YELLOW TRIM NO MOTOR/ENGINE \$150 EACH

TOP FLITE P-51D MUSTANG 60 BUILT AND GLASSED NO PAINT OR COVERING CONVERTED TO P-51B(TURTLEBACK) \$350

TWO SCRATCH BUILT CESSNA 182...ONE IS 34"WS WHITE SOLITE COVERING WITH BLUE/ORANGE TRIM \$100. OTHER IS 56" READY TO COVER\$175

ONE CESSNA 182 56"WS MADE FROM 1/2" INSULATION FOAM BOARD FROM LOWES. HAS SUPERTIGRE .10 & 30AMPESC ADD YOUR RADIO GEAR NICE FOR A TRAINER \$150

SCRATCH BUILT P-3c ORION IN VP-8 LIVERY (CIRCA 1980...WHITE GRAY)WITH 4 400SPEED MOTORS 4 20AMP ESC NO BATTERY \$425

SCRATCH BUILT BOEING 727-100 WITH 2 DERTUM 64MM EDF DETRUM 40AMP ESC 4 DETRUM 9G

SERVOS (INSTALLED REAR STAIRWELL-ALA DB COOPER) HOME BUILT COCKPIT W/ PILOTS FLYING STAB AND RUDDER COVERED WITH BLACK MONOCOTE, WINGS AND FUSE UNCOVERED WIRE INSTALLED FOR NAV LITES YOU ADD LEDS NEEDS COVERING AND COCKPIT WINDOWS ALSO COMES WITH EXTRA WING \$350

GREAT PLANES 60-91 SEAWIND ARF(DISCONTINUED) FIBERGLASS FUSE BALSA,COVERED WINGS COMES WITH EXTRA ENGINE COWL AND COCKPIT CONOPY \$350 WITH OS 91 4STROKE \$700 WITH FUTABA 128DF RX 3 3102METAL GEAR &4 3004 SERVOS \$1000

TWO BUILT AND READY TO FLY HOUSE OF BALSA BEECHCRAFT BONANZA 36"WS WASP 061 ENGINE FUTABA 4 CH W/ 3114 SERVOS. ONE IS WHITE WITH PURPLE AND YELLOW LIVERY WITH HAND CARVED FEMALE PILOT, OTHER IS BLACK/SILVER TOP-BLACK YELLOW BOTTOM BATMAN LIVERY WITH BATMAN AND ROBIN IN COCKPIT \$180 EACH

GEE BEE(COMPANY NO LONGER EXISTS) DREAMER BIPLANE 38"WS BUILT AND READY TO FLY COMES WITH OS.40 ENGINE FUTABA 4CH W 4 3115 SX. TAN WITH ORANGE STRIPING. VERY VERY NICE LOOKING PLANE \$350

SPARTAN EXECUTIVE 40"WS NEEDS COVERING MOTOR RADIO GEAR LANDING GEAR \$75

TOMCAT W/SWING WING SHORT KIT WITH PLANS \$100

ALSO HAVE ALL COVERING TOOLS, LOTS AND LOTS OFBUILDING ACCESSORIES, PARTS AND PLANS COMPLETE FLIGHT BOX, CHARGER, FUTABA 7CH 72Mz AND 4 CH TX.SERVOS RX AND NICAD BATTERIES.TOO MUCH TO LIST HERE INQUIRE FOR MORE INFO...IF YOU NEED IT ILL PROBABLY HAVE IT

ALL PRICES ARE NEGOTIABLE BUT WILL NOT BE LOW-BALLED. WILL DELIVER TO HUNTSVILLE AREA.



RCRC NEWSLETTER EDITOR P.O. Box 2163 Huntsville, AL 35804

TO:

2014 RCRC EVENTS						
	Jan 7 th	7:00 PM	RCRC Membership Meeting	Bill Mitchell	256-975-5687	
	Jan 21 st	7:00 PM	RCRC Board Meeting	Bill Mitchell	256-975-5687	
Huntsville Appreciation/Club Day May 14, 2014 Vice President						
Big Bird June 14, 2014 TBD						
War Bird/Wounded Warrior July 19, 2014 TBD						
BPA Pattern August 8-10, 2014 Gary Courtney						
AMA Pattern September 12-14, 2014 Jon Lowe						
Toys for Tots November 7-8, 2014 Bob Walls						