

MON VALLEY R/C CLUB

NEWSLETTER

CEDAR CREEK PARK

AMA CHARTER CLUB NO. 546

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March 2015

[Al Kozusko](#), President.....(412) 445-0614

[Mike Eiben](#), Vice-President..(412) 304-7048

[Janet Poague](#), Secretary.....(412) 531-4924

[Ron Doctorick](#), Treasurer....(412) 655-8362



## President's Corner

Fellow MVRC Members:

The March 2015 Model Aviation magazine is loaded with helpful information. Not only is there good information about aviation products but there are also valuable information about the AMA. The current big subject that the AMA officers are talking about is UAS (unmanned aircraft systems). There was discussion about UAVs (unmanned aircraft vehicles) all the way from the AMA president to the chief financial officer. Keith Sessions is the Chief Financial Officer and said that the AMA's financial cost has been significant. He commented that it appears that 2015 is going to be the year of the drones. The Consumer Electronics Show, held a week before the AMA Expo, was full of multirotor aircraft aimed at consumers who want the latest and greatest. There were many multirotors marketed at the Expo as well. This influx has created significant challenges and a few opportunities for the AMA. The challenges have been well documented in the media. It seems that every time you turn on the news or look at a newspaper someone has flown a drone where it should not be flown. This has caused problems for the modeling community because we are lumped in with these people. We have already spent more than \$1 million on government relations.

The National Parks Service has banned drones in its parks, but some of these same national parks are home to active AMA clubs. These fields have not only remained intact, but many of the parks have indicated that they want more clubs. **Responsible modeling is wanted; irresponsible droning is not!**

Don't forget about our club newsletter. You can view the club newsletter on our web site (<http://www.monvalleyrc.com>). Under the main menu click on newsletter. Click on the year of the newsletter you want to view and then click on the month. Richard Wojnar and Dave Herrington are working hard together to help ensure that the information is there for the club. I will email the club members to let you know when the monthly newsletter is posted on our web site.

I would like to remind you that I will guide the club direction by the majority and not the minority members. We are governed by the club bylaws to act on issues and items by voting. In addition, any item that exceeds \$300, which requires a vote, will be included in the monthly newsletter so that members get advanced notice. A vote will be taken at the following club meeting only after the items have been

published in the newsletter. ***It is imperative that members take an active part in the monthly meetings in order to guide the club and vote on these items.*** We will discuss this further at the next club meeting. Also, the executive committee talked about creating a list of club priorities. These will be discussed at the club meeting.

Linda and Richard Wojnar attended the EC meeting and discussed additions they plan to add to the newsletter. These will also be discussed at the March club meeting.

The executive committee is hard at work and has many suggestions and ideas to discuss for our club. Many of the items they discuss include: fun flies, float flies, giant scale airshow, family picnic, Christmas party, airfield improvements, March For Parks, club meetings, membership, work parties, and grass cutting, etc. The executive committee members include: Rick Altomari, Steve Novacek, Erik Strauser, Mark Szemanski, Jim Cannon and Jack Makepeace. It is important that you communicate with them to let them know about any ideas, issues and suggestions you have for our club. The next time you see them, please extend your special thanks for volunteering.

Keep healthy, be safe, have fun flying!

AI

## Executive Committee's Report

See President's Corner

## Show 'N Tell.....SR71 Electric Foam Model

Lew Marascalco



### SR71 RC Electric Foam Model



- Scratch built using black paper covered foam with a light coat of Rustoleum Clear paint. Has some carbon rods for reinforcement.
- About 1/26 of full scale based on actual line drawing of the full scale SR71.
- 50" long, 33" wingspan
- Weighs 20 oz with no LiPo
- Motor is about 200 watts of 2200kv and has a 6x4 prop
- The engine nacelles were made by scoring and rolling up foam sheet with paper removed from the inside surface.



## A Few SR71 Blackbird (full scale) Facts

Designed and built at Lockheed Skunk Works. It was an awesome design of many technical advances for the early 1960's at least 30 years ahead of its time. No computers were available, just slide rules!!

Kelly Johnson was in charge of the project. He was already a famed aeronautical design engineer responsible for the P38 Lightning, the P80 Shooting Star jet, the T33 Trainer jet and the F104 Starfighter jet.

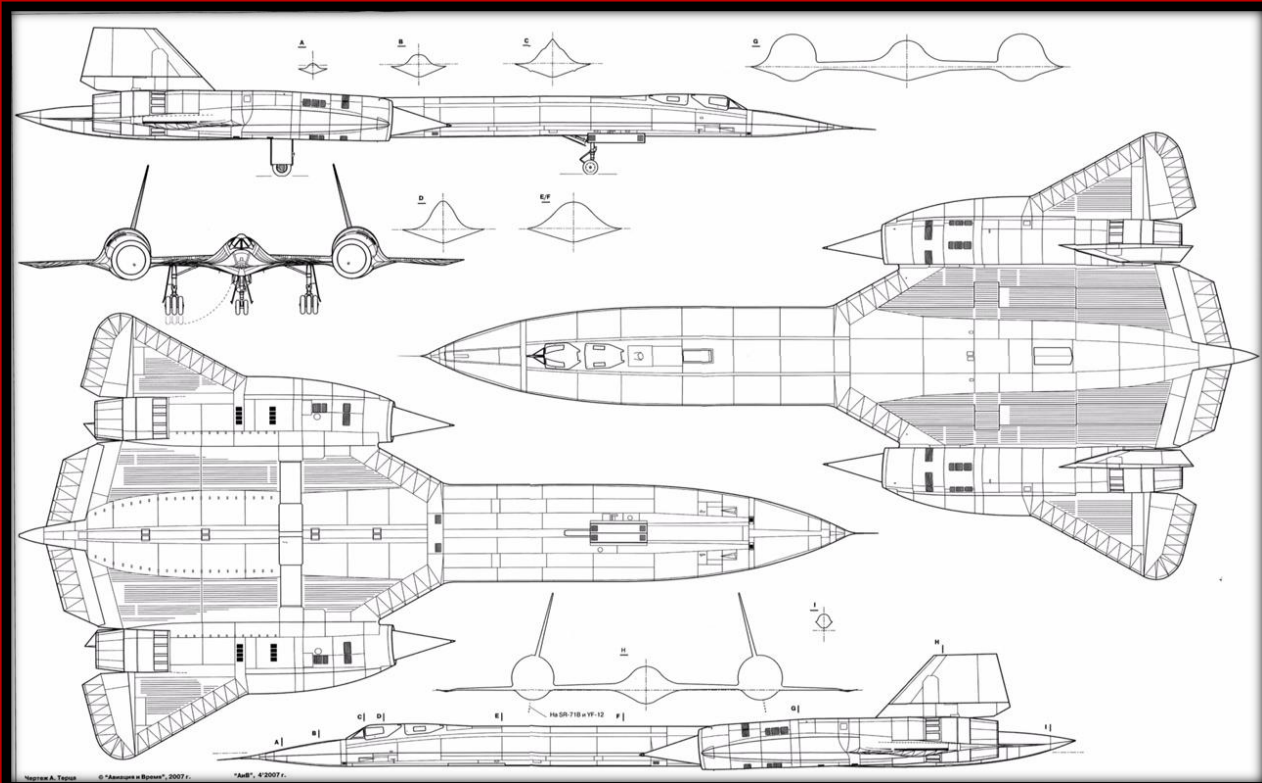
- First flew in 1964 (50 years ago), official service in Air Force started in 1966.
- Had a crew of 2, a pilot and reconnaissance officer
- Was a large jet of 107' length and 55' wingspan
- Weighed 67,500 lbs empty and 152,000 lbs with fuel
- Fuel was JP7, a high temperature ignition fuel that was used in order to withstand the high temperatures generated on the airframe at high speeds.
- Had two special design Pratt & Whitney J58 continuous bleed afterburning jet engines for a total of 63,000 lbs thrust
- Max speed was Mach 3.3 that is 2200mph or 3226 ft/sec that is faster than many rifle bullets muzzle velocity.
- Service ceiling of 85,000 feet (16 miles)
- 85% of the airframe was titanium
- Windshield was quartz that reached 600 deg at max speed
- 32 SR71's were built. None were shot down. 12 crashed
- The SR71's had in service record of total 53,490 hours of flight time, 11,679 hours of which were at Mach 3.
- Retirement of the SR71 started around 1990 and the final one (being used by NASA) was decommissioned in 1999. There are several on display in museums and other situations. Closest to Pittsburgh is one at Smithsonian in Washington DC and one at Wright Patterson in Dayton Ohio

For additional info and lots of photos, just Google SR71. The Wikipedia writeup is very good.

## SR71 RC Electric Foam Model

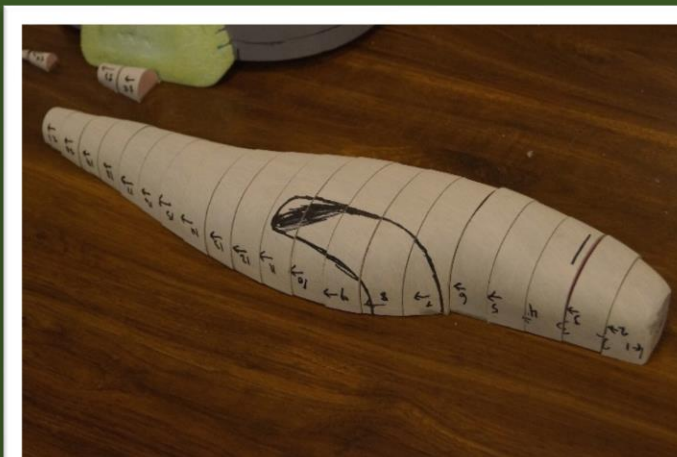
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- The engine nacelles were made by scoring and rolling up foam sheet with paper removed from the inside surface.

### SR71 full scale line drawing:



## Show 'N Tell.....Q200

### Richard Hammel



- The Q200 is a 35% scale model powered by a DA 120 motor.
- It's an all composite Epoxy-Nomex structure formed with molds under vacuum then post cured in an oven for 15 hours.
- The aircraft is a tandem wing. Its designer is Burt Rutan.
- It is the most efficient home built available to date and manages almost 200 MPH.
- The front wing is equal in size to the main wing but carries 70% of the models weight and is designed to stall first to provide pitch stability.
- The model, unlike the full size, will incorporate a Kevlar/carbon suppression suspension system in the wheel pants along with the front wing.
- Control surfaces are conventional in the fact that there are ailerons-elevators and rudder.
- The model will use a ball and socket hinge system with plug in mechanical drives --all servos will be located in the fuselage wing strakes where they will power Byron rotary drives, keeping the outside clean.
- The aircraft will be controlled by a 14 MZ Futaba system-with a power isolation set up driving high voltage -digital servos.
- Wing span will be approximately 7 1/2 ft. with a length of 7 ft.- and weighing around 35 lbs. -dry.

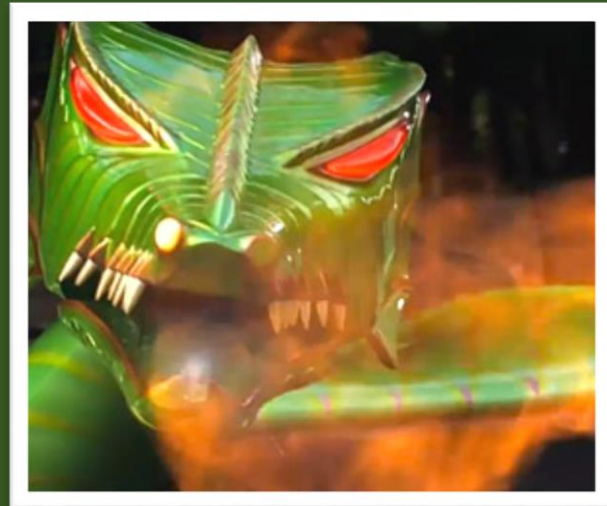




This photo is an example of a full scale Q200 aircraft.

### RICK'S PAST PROJECTS:

See more links to Rick's projects in the Education Section of the newsletter.  
Flying...Fire-Breathing Dragon and Bat Wing



For new members, you can view the write-up of Rick's past award winnings in the [MAY 2012 MVRC Newsletter](#). (Active Link)

# Remembering What It Was Like To Be A New Member and A New Flyer

A Must Read by **Leo Rodriguez**  
AMA District III AVP

•••

Well the first hints of warmer weather are about here and many will be reaching for their R/C gear and checking batteries to go and get the some flights in this spring. Just remember to keep an eye out for those who are new to the hobby and are shy to ask for help. We, at one time, were in their position and also wanted to get in the air quickly.

I recently was given an eagle trainer equipped with a Magnum .40 engine that was in need of being unstuck from a friend that inherited it. I, in turn, passed it on to an interested 15 yr. old that has cleaned it up, loosened and ran the engine on the bench and is awaiting a radio system to be soon installed. I get reports back from the father along with images that the kid is eager to learn and move through the ranks to get to what he really wants....to fly Scale RC fighter planes. I'm sure with his eagerness and young ambition he will quickly learn and reach his goal and maybe even more! Who knows maybe he may be the next Kyle Stacey!

Anyhow, just a quick note to ask you to **remember the new members who enter this hobby and join the club**; to **lend a helping hand**, and to **not be too busy to help**. **Teach them the correct way, mention club policies and etiquette**, and **enforce safety at all times**.

Let's have a great time this year and enjoy a safe and enjoyable flying 2015!

Leo Rodriguez  
AMA Dist. III AVP

[AMA District III Website](#) (active link)



# IMPORTANT DATES:



## March

**6 – MVRC Meeting** – If you can find time to attend as many meetings as you can this year, your input will better serve our club. Meetings are held at 7:30 PM at the Rostraver Municipal Building. Members will be voting on two separate items during this meeting.

**8 – Daylight Savings Time Starts**  
(move clocks ahead 1 hour)

**22 – Erie PA Swap Meet**

**29-Welcome home Viet Nam Veterans Day**



## April

**3 – MVRC Meeting** – If you can find time to attend as many meetings as you can this year, your input will better serve our club. Meetings are held at 7:30 PM at the Rostraver Municipal Building. Members will be voting on two separate items during this meeting.

**5 – Easter**

**10-12 – [Toledo R/C Model Show](#)** – North America's largest and longest running R/C model expo. This three day event showcases all types of R/C models. (Click the link above for more details.)

## Future Show 'N Tell Presenters

Please communicate with Al Kozusko prior to the meeting you would like to present your Show 'N Tell.

Your presentations are so important to all of us! With all the time and effort you put into your presentations, we want to assure you will have ample time for your presentation.



ALWAYS.....  
SAFETY FIRST

SEPTEMBER  
12-13, 2015

Reminder:

NO FLYING  
when work is  
being done on  
the field.

MONVALLEY  
RC  
AIRSHOW



The best thing about moving the clocks up an hour, certainly not losing an hour's sleep, is it must be time for spring...when the weather takes us back to having fun flying and seeing our members at the MVRC Field!

As the ice melts and we get ready for another flying season, our winter projects will either be ready for use, put aside in an area for continuation on a rainy day or maybe even to be picked up when the flying season comes to a close. Our containers will be filled with fuel, our batteries will be fully charged, and we'll have our coolers ready to take our food and drinks to the field. This will be my, and Linda's, first summer with the club. I cannot be more excited to begin a hobby that I have been waiting a lifetime to begin. As with all new flyers, I have so much to learn regarding the hobby and it is so gratifying to know that we are surrounded by so many experts who are **always** willing to offer their good advice and share many valuable tips they learned from their own trial and errors. Because we are so new to the club, we are just beginning to tap the surface of learning about the specific areas of expertise our club members possess. The club meetings are a great way to learn about club members.

The Show 'N Tells at the meetings are really getting more involved. Rick and Lew gave us another educational and informative presentation at the March meeting. Lew's presentation displayed his foam expertise while building a foam SR-71 from scratch. The workmanship and detail, in his project, along with his thorough explanation of the SR-71, was nothing short of awesome. Rich also demonstrated his unbelievable RC building expertise. We were treated to the infancy stages of his newest project, the Q200. Many of you may remember Rick's past award winnings and best of show creations, How about his flying fire-breathing dragon and what about his Bat Wing? Walt Disney once said, "If you can dream it...you can do it!" With Rick's permission, we are going to be treated to a start-to-finish progress report of his project. Look for his updates each month beginning in the next newsletter.

In order to assure the success of your newsletter, we are asking for you to contribute something to the newsletter this year. If writing is not your specialty, we would appreciate your sending whatever you have to contribute, photos, etc. and we'll do the rest of the work for you. After all, that's why we get paid the big bucks (Just kidding! We do this newsletter on a voluntary basis...and love doing it.).

We really need to build upon sections of the newsletter, especially the product review section, any projects you may have in the pipeline (no matter what stage you project is in at the time), helpful tips to new flyers, and your classified section. We'd also like to start a young flyer section and have one or more of our junior flyers writing about their projects and experiences. We also need representation of our club members who fly at times we may not see flying. Please send your photos to us to enter in the newsletter so that all of our members can enjoy them.

This up and coming season will prove to be extremely exciting as well as fun-filled for all of us. Once the weather permits and we are out in the field, I will be able to gather more material and photos. In the meantime, if you have project photos, photos you have of your planes, foamies, helicopters, etc. please take a minute to send them to me.

Looking forward to spring! As always, we support our troops.



# PRODUCT REVIEW

## Deltran Battery Tender Plus 12-Volt/1.25-amp Battery Charger by Rich Wojnar



- The Battery Tender Plus 12-Volt/1.25-amp Battery Charger is the convenient solution to the challenge of keeping 12-Volt vehicle batteries optimally powered when not in use.
- It is able to charge any lead-acid battery—including standard and sealed AGM and gel cell battery types.
- It is designed to be easy to use in difficult spaces, to utilize a 4-step charging program and safety function in a fully automatic mode.
- Taken together, this makes the Battery Tender Plus 12-Volt Battery Charger an excellent means of ensuring that your battery is fully charged to go when you are ready!

## Education Section: Test and Expand Your RC Knowledge

### You-Tube Video/ Internet Link Sections:

*Do you have any online videos or Internet links that you found to be interesting and helpful to you – ones you would like to share? Please send your videos to the newsletter editor for publication in the next newsletter.*

**Note:** If you click on a link and the link does not take you directly to the website, hold the CTRL Key (Control Key) on your computer with your left index finger while simultaneously clicking the highlighted link with your mouse.



Richard Hamel Interview...Flying Dragon	<a href="https://www.youtube.com/watch?v=uWcpY9cg1o0">https://www.youtube.com/watch?v=uWcpY9cg1o0</a>
Richard Hammel – Dragon’s Lair	<a href="https://www.youtube.com/watch?v=-v7ikq2it3q">https://www.youtube.com/watch?v=-v7ikq2it3q</a>
Flite Test RC Planes for Beginners – Basic Aerodynamics Beginner Series – Episode 2	<a href="https://www.youtube.com/watch?v=lyl8LWPnzmQ">https://www.youtube.com/watch?v=lyl8LWPnzmQ</a>
Richard Hammel -Toledo Show 2013 – Bat Wing	<a href="https://www.youtube.com/watch?v=Vbu2DYJ-oFE">https://www.youtube.com/watch?v=Vbu2DYJ-oFE</a>
Starting Them Young	<a href="http://www.bellairrcflyers.com/starting-them-young/">http://www.bellairrcflyers.com/starting-them-young/</a>

## WELCOME NEW MEMBERS



## TRIVIA QUESTIONS:

Answers on Page 23

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- 
1. Where and when was this photo taken?
  2. What is the year and make of the airplane?
  3. Who is pictured in the photo?



# Rich's Kitchen

## Golumpki

### Polish Stuffed Cabbage

#### Ingredients to purchase for this recipe:

One head of cabbage  
2 Large Cans of San Marzano Tomatoes  
1 Large Can of Tomato Sauce  
**Onion – 1 Large Finely Chopped**  
**Rice – 3 to 4 Cups**  
**Meat – 3 lbs. 80/20 Ground Meat**  
**2 Separate Pots/ Kitchen Utensils**

First, rinse a head of cabbage.  
Make four cuts around the core as shown in the photo, being careful not to cut all the way through the cabbage.



Fill the pot of water half way. Put the head of cabbage into the pot. Use thermal gloves when working with the boiling water, since at times the water may splash. Remember, when the cabbage is added to the pot the water level in the pot will rise. Peel the leaves from the core, when they begin to begin to wilt. Carefully remove the leaves. Rinse leaves in cold water. Wear long arm gloves! Other than the core, do not throw anything else away!



I add the seasoned ground meat (80/20 mix) in a large metal bowl, along with one large onion that was sliced using a mandolin – very fine. Cook about three or four cups of rice until it is cooked half-way. Rinse the rice in cold water. Add the rice to the meat mixture. Take one leaf and with the core end facing you, add about an ice cream scoop of the meat mixture to the bottom of the leaf. Fold the right side of the leaf to the left. Roll the Cabbage leaf to the end of the leaf. Tuck in the loose end of the leaf.



In a separate pot, add a few sliced onions and some of the unused cabbage. Now, add one large can of San Marzano Tomatoes. Add a layer of the completed cabbage rolls in this pot. Add one large can of tomato sauce. Add another small layer of sliced onions and unused cabbage. Add another large can of San Marzano tomatoes and any remaining onions and cabbage. Season very lightly between the layers.



### *Comments:*

When seasoning, be sure to season in stages. Once everything is put in the pot do not expect it to taste like the finished product. As the Captain of the ship says, "steady as she goes". Taste along the way and make slight corrections as necessary. By doing this you will not have a finished meal that is over seasoned. You can always add more seasoning, but you can't take it out easily once you put it in your food.

In April's Newsletter, you can look forward to my [Chicken Marsala](#).

If you are interested in learning how to cook a specific meal, send your request to me.

When you try my recipes, please remember to send me your feedback.

# Classified Section

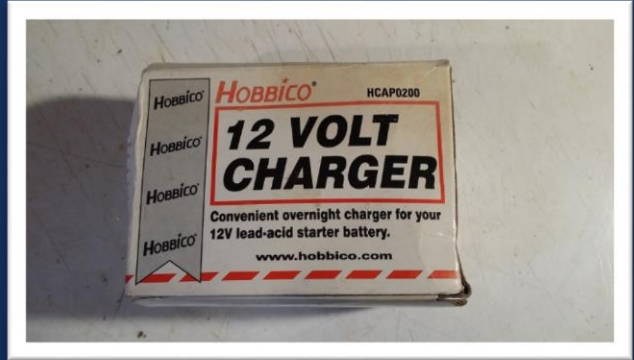
Please send the information you would like to post in this section for inclusion in the next newsletter to [richardwojnar@yahoo.com](mailto:richardwojnar@yahoo.com) by March 6.

You might also desire to attach a photo of your item(s) and your contact information as well.

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Brand new Hobbico Deluxe Power Panel 12v with glow, new \$34.00, selling \$25.00.



Brand new Hobbico 12v Charger, new \$15.00, selling \$10.00.



Brand new Hobbico Torqmaster Deluxe 12v Starter, new \$39.99, selling \$35.00.



Brand new Deltran Battery Charger/Tender, new \$69.95, selling \$50.00.

Contact: Rich Wojnar

[richardwojnar@yahoo.com](mailto:richardwojnar@yahoo.com)

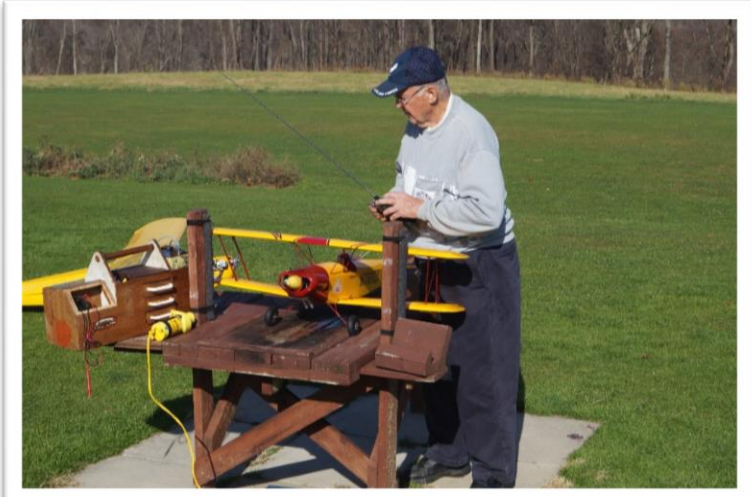
412-657-8420



This Section is waiting to post your projects!



# Think Spring/Summer....Feeling the Heat?



HAPPY VETERANS DAY

A SALUTE TO OUR MON VALLEY RC CLUB MILITARY MEMBERS

WE SALUTE YOU!!! THANK YOU FOR YOUR SERVICE

This page will remain active in all of our newsletters in order to give our veterans enough time to locate photos from the time period when they served in the military. As we receive their photos, we will post them on this page.

To us, Veteran's Day is every day!!

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## Motion RC Hobby Store

<http://www.motionrc.com>



### ***About Motion RC***

Motion RC is a Veteran owned [business](#) and proud supporter of the US Armed Forces. Our company is owned and operated by people who are passionate about RC and understand the importance of providing excellent customer service. We are honored that you are visiting our site and hope that we can earn your business. We welcome your feedback on how Motion RC can better serve you because above all, customer satisfaction is our ultimate priority. Thank you for your business.



# J & C Hobbies Website

**"Big Toys For Big Boys"**  
www.jchobbies.com

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*Did you know the answers to the Trivia Question?*



*1. Where and when was this photo taken?*

*The photo was taken on October 1955 at Thompson's Field, now Rostraver Airport.*

*2. What is the year and make of this airplane?*

*The aircraft, owned by Steve and Theresa Fanala, is a 1945, 85 horsepower, metal fuselage and fabric covered wings, Lascombe.*

*3. Who is pictured in the photo?*

*From left to right: Theresa Fanala, our Joe Fanala, and Joe's brother Steve.*

*If you have knowledge of a club trivia or a regular trivia question, please send the question and the answer to the editor.*