

The Replica



First Quarter 2017

New Editor

Jeffrey Pike

Thank you members who stayed with us last year as we transitioned a portion of our leadership. Regretfully we had but one newsletter after the change, but now I have recently taken responsibility for The Replica and here is my first of four quarterly editions. The format will be simple but my intention is to make the content informative and fun.

Membership

Our membership stands at close to two hundred and fifty members with many not expiring until the end of 2017, however there are a number of you folks that need to continue your support of scale competition by renewing your membership for 2017 or beyond. You can do this by sending a check to me, the S/T or go online to our website- nasascale.org -and pay through Square Up. If you pay online the NASA must pay a fee to Square Up which reduces our revenue from your membership fees, if you send me a check, NASA will not have this reduction. Do what is best for you but please, renew.

Raffle

Mike Barbee

I am happy to report that our friends at **Horizon Hobbies** have donated a scale airplane

for our annual raffle. The plane is their new release Viking bi-plane. It is a scale aerobatic bi-plane, very well done and should be great for the scale modeler that has a latent desire to fly aerobatics. They also provided us with a DX 18 radio to complete the package. Our friends at **DA** provided a DA 120 for the power plant and **Electro Dynamics** will be sending the A123 batteries and switches. This prize will be valued at \$5500.00. We have great friends that help support us and our annual raffle, so be sure to use their products and services. Member raffle tickets will be mailed soon, please help by purchasing our tickets if not please return them. We have 4000 tickets printed so your winning chance is a lot better than any lottery.

New Programs

The board instituted a new program last year in an effort to promote more scale contests around the country. NASA will donate funds to AMA sanctioned clubs that produce AMA sanctioned, two day scale contests using AMA standard classifications and standard rules for the events. NASA will donate \$500 to clubs that produce one of these contests for the first time and then \$250 to clubs for ongoing contests that meet the NASA requirements. For more details and an application for this donation please contact me, Jeffrey Pike or another elected NASA official. We donated to five clubs last year and expect to double that or more this year.

NASA intends to sponsor four regional and one national event each year as well as our involvement with the AMA NATS. There is but one regional event thus far, The Mint Julip. The NATS are always in Muncie and the third annual NASA Scale Classic was in Pennsylvania last

fall. We will develop the other three regional contests as the opportunity presents. An announcement will be made later this year about the location of the Scale Classic for this year.

Reaching Out

Dale Arvin

Our plan for NASA to reach out to all areas of the country is to set up a network of districts using the same districts as AMA. Each district will have a NASA representative who will help spread the word about NASA and give us feedback on what we can do to grow scale modeling in their area.

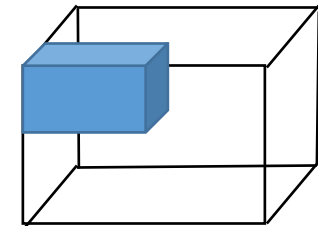
We are now taking applications from anyone that would be interesting in acting as a NASA representative. Please send your brief resume to Dale Arvin at darvin8094@aol.com. Please indicate what AMA district you are in and if you are an AMA leader member.

Just for Fun

Jeffrey Pike

I have been debating with several of my modeling friends this year about scale vs. % as a way of describing the relative size of our model as it relates to it full size counterpart.

A 1/4 scale replica is actually 1.56% of the full size counterpart. A 1/3 scale replica is 3.6% of the full size and a 1/2 scale model is but 12.5% of the subject. See below:



Note that the shaded block is 1/2 scale of the clear block. Also note that eight shaded blocks will fit into the dimensions of the clear block making it 12.5 %, thus a 1/2 scale model is but 12.5% of the full size subject.

Using the proper percentages in describing our models makes the power and weight of our models come into line with the full size as well, however the Reynold's Number does factor into the power to weight ratio.

The Europeans do it right as they will use odd scale numbers such as 1/2.5 rather than 40% percentage as Americans do (actually it would be 6.4%) when describing the size of their airplanes. We Americans are all about "size matters" when it comes to fishing, model airplanes and other things.

I am going to my shop now to work on my 1.56% (1/4 scale) Cub.

NASA Contest Dates

Red Stick Classic Baton Rouge, LA	March	24-26
Mint Julip Falls of Rouge, KY	May	19-21
Texas State Championships Fort Worth, TX	June	16-17
NATS RC Muncie, IN	June	23-25
Great Lakes Scale Classic	July	8-9
NATS CL Muncie, IN	July	14-16

Western Wisconsin RC Scale Buck Knob Field	July	22-23
Hoosier Scale Classic Seymour, IN	August	4-6
Columbus Scale Classic Alum Creek State Park, OH	August	19-20

Go to the Website for more information
www.nasascale.org

NASA Qualifiers

For planning purposes Dale Arvin needs to hear from all Contest Directors that intend to hold a NASA Scale Classic Qualifier whether it be CL or RC. Please contact Dale at darvin8094@aol.com.

Something to Say or Share? Editor

The content of *The Replica* will grow as I continue this project especially if you have something to say or share. Send to me your message for our readers and I just might use it.

Election Year

This year you have an opportunity to elect officers of NASA. More details to follow.

Rules for Thought Jeffrey Pike

I would like to open a discussion about two rule changes that I believe will help promote RC scale completion by making the competition more fair and balanced.

1. Jets and special waiver models (>55#s) should compete in their own category possibly one category or two separate. As we can agree, the smaller models cannot compete with the large, heavy models, thus

the "little guy" is with little hope. And the jets just smell right, sound right and fly so fast that 10's are automatic.

2. The Open class should not be "open" to models that qualify for designer, expert or team. This should be an intermediate level class for ARFs or other models that have never been entered into team, designer, or expert events. This would provide an event for the modeler that wants to detail a pre-built model for static as well as flying. He should not have to compete against previous championship models.

What are your thoughts about my rules for thought?

Officers

Mike Barbee	President
Dale Arvin	Vice-President
Jeffrey Pike 225-337-2037	Secretary/Treasurer

Mail membership dues to:

Jeffrey Pike

9825 Redman Lake Drive

Baton Rouge, LA 70817

\$20	one year emailed Replica
\$25	one year mailed Replica
\$48	two year emailed Replica
\$58	two year emailed Replica

Please include your AMA number