

REPLICA



On the Web at: <http://www.scaleaero.com/amascale.htm>

July/August/September 2002

Volume 16 Issue 3

President's Notes

25th Anniversary Patches

This is NASA's Silver Anniversary and we are looking forward to seeing everyone at scale events across the country. NASA members are active in just about every area of scale modeling here in the USA and other parts of the world. We offer the NASA Scale Flight Achievement Award to any club holding an AMA sanctioned contest. This award is given to the contestant who has the most realistic flight and is voted on by the flight judges at the conclusion of the contest.

Top Gun 2002 April 23rd through 28th Lakeland, FL

Top Gun continues to grow and change and the 14th annual scale event was held at Lakeland Regional airport this year. A taxiway was used at the airport for the model runway which worked extremely well for the jets. Jets took 1st place finishes in Expert, Designer, and Team Scale this year. It looks like the plane to beat is the Bob Violett Models North American F-100 Super Sabre. Bob won in Designer Scale, and in Team Scale 1st place went to builder Joe Grice and pilot David Shulman. Expert class was taken by Joe Rafalowski with his Jet Model Products T-33.

The NASA Flight Achievement Award went to the builder and flyer in Team Scale with the Sikorsky S-39 flying boat, built by Paul Donofrio. For more information on the event, check out the article in the September issue of Model Aviation magazine and the current issue of R/C Report as well as Model Airplane News and I guess just about any other publication on earth about aeromodeling.

Note: Doing some research after Top Gun, I was still a little surprised to realize that a jet (turbine) model can cost as much as \$10,000 - \$16,000 and I'm talking a model here guys and gals. That's the cost of a good used car to most people.

SCALE R/C INDOOR? What the heck is that?

There will also be Scale R/C Indoor this year hosted by the NIRAC indoor special interest group. While this isn't an official part of the Scale Nationals, we want to participate and encourage indoor RC in any way.

This is another area of scale modeling that is growing rapidly. Indoor, Park flyers, small models in general are the largest growing segment of the hobby at this time. NASA should in many members views, embrace these modelers and work to form rules for SCALE R/C Indoor competition NOW.

We have several modelers who are leading a concentrated effort to make this come to pass for the next rules cycle. Mike Gretz and Jim Rediske are working along with others on the Scale Contest Board including John Guenther to form Scale Competition rules for the upcoming rules cycle. For more information about the proposed rules, weight limits, power limits and other items such as maneuvers, static judging, area of the arena etc. please contact either Mike or Jim.

Jim Rediske rediskeJB@aol.com

Mike Gretz mikeg@www.sigmg.com

John Guenther jmaguenter@yahoo.com

One of the confusing items with these types of models are the different word designations given to the models themselves and more are added all the time. Park Flyers, R/C indoor, micro flyers, lite flyers are just a few of the names given to some of these models.

There are several Free Flight modelers who are building and flying these models now. Proposals are floating around for weight limits, engine size limits, battery or power unit limits too. There is a lot of information and dis-information out there on these different model types.

Recently I bought a 36" Pro-Tech Tiger Moth, thinking I had bought an indoor flyer.....nope! It's a park flyer at its very lowest form due to weight and speed of the model. It has 4 channels including ailerons too. But this would be a good model type for competition indoors if the weight could be reduced and the speed could be limited.

Some modelers are building indoor R/C scale models and I use the term very loosely, but some of these models have only one

channel and use only one ni-cad battery cell AA size for power. This isn't what most of us think about for scale models, doesn't matter where we fly them.

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To have the input we need for this new scale, class we need people who are interested. We need people who can make informed decisions to help the Scale Contest Board and it's members make good positive decisions based on factual information for the future of this class of scale models.

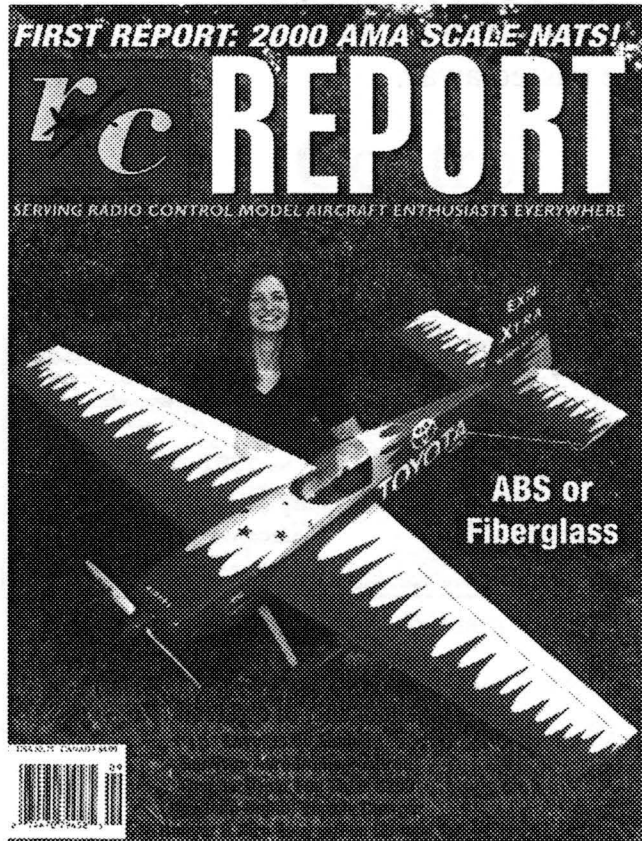
This model type is the fastest growing in our hobby and in some cases is the only part of the hobby that is growing at all during this time of uncertainty. Will all scale modelers be interested? No they won't but we could very well gain new members to our area of the hobby through this type of competition and scale fly in. There are a lot more modelers out there who can put \$200-\$400 in a model verses those who can put \$1000-\$6000 into a model. Think about it. Please let me know your comments, thoughts and suggestions. I'll be glad to pass them on. Thanks Stan

The 2002 Scale National Championships

July 7th, 8th, 9th

The Scale Nationals were a great success this year and everyone had a great time in Muncie. The AMA competition department was a great help as usual and we had good weather pretty much the whole time. Due to past over fly problems with the L Pad we moved the C/L Scale events to the Speed Circles just to the west of the R/C site we used. This worked but there were still some aircraft, the larger ones or less experienced pilots who over flew the C/L site. We hope to have a permanent solution for this problem in the near future. We are working on it but can't really comment on it at this time.

NASA's Official Magazine



The big news for the Nationals this year was that we had, not 1, not 2 but 5 Juniors entered in R/C Scale. The Charlie Bauer clan usually helps to fill out C/L scale but R/C has for the last several years lacked any real number of kids. Several dads took the weekend off and helped their sons to fly and compete at the Nationals.

There was a large caravan from the Sarasota R/C Squadron this year and they really had a great time this year. There were some obstacles for some of them to over come but they managed to do so. For more information about this group and their travels check out sarasotarc.com They also have a great website with the Nationals R/C results on it.

Mike Winter of the Sarasota R/C Squadron also helped with the Nationals this year. He brought his computer and entered all of the scores for the R/C side of the event. We want to thank him for this and hope that we have a volunteer for the C/L side next year.

Speaking of next year, the NASA officers are currently working on the Nats schedule along with all of the other SIG representatives and others who make up the Nats Planning Committee. We are still working with AMA on improving the site to the point that we won't have any over fly problems, which will require more asphalt at the Muncie site.

The jets were obviously absent this year from the Nationals, which is OK and their business I guess. I'm sure there were several reasons, but one that we particularly don't want to see anymore, is the over-fly restriction the way it's written now. We have to realize too that the Muncie site isn't infinite. There will be over fly restrictions on all events I believe eventually there. We will have to fly within those parameters or fly the Nationals at another site.

There were a few over flys at the C/L site this year, most were inexperienced modelers who were at the Muncie site for their first year. We hope to see changes come about that we have been working on since last year that will make this problem go away. More on the Nationals in the future issues of Replica. Look for the results at the end of this newsletter for both R/C and C/L events.

Nationals Sponsors- please support these companies and their products: POWER-MASTER FUEL, FUTABA RADIOS, AIRTRONICS RADIOS, AEROPLANE WORKS, SIG MFG.INC., FLITE METAL, R/C REPORT MAGAZINE, ACES VIDEOS, BOB SMITH INDUSTRIES, THE DAVE & DAVE SHOW- Dave Platt & Dave Fogarty

NOTICE: check the NASA website for updates and more information on the 2003 Scale Nationals after October 14th. We should have our dates locked down by that time.

NOTICE: Also check the website for information and updates for the FAI Scale Team Selection which will occur next year. The updates for this will also be around the 14th of October. Look for it! For more information please contact: Steve Sauger, The FAI Scale Team Selection Committee Chairman at: 145 Nottingham, Troy, MI 48098 or at 248-879-2538
e-mail sjsflyboy@hotmail.com

NOTICE: AMA Scale Rule Proposals- if you have any scale rule proposals for the next rules cycle, write them out and send them in asap. The forms are available from AMA competition Dept. or from the AMA website. You have to have two other signatures from other (current) AMA members for the proposal or proposals. These rules would go into effect in January, 2005.

Replica newsletter- Changes Bet you have noticed a change in the newsletter this month. First you got one. 2nd it's shorter, 3rd we don't have a newsletter editor anymore! David Nellis had to resign due to personal reasons and his paying job, which requires long hours. NASA has been plagued for the last 12 months with a number of volunteers who have either had personal problems or they have passed away.



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We are currently searching for someone who will have the time to devote to the newsletter on a regular basis. Someone who is retired and enjoys the type of interaction newsletters offer would be an excellent choice. But we are going to look around and see who might want the opportunity to write the newsletter. Anyone interested please contact either Dale Arvin, Bonnie Rediske or Stan Alexander.

Have you checked the NASA FBO lately? Why not check out the coverage on the Nationals and the photos provided by AMA V.P. Sandy Frank. Results as well as sponsors are listed. The technical section is one that I always

enjoy, it has lots of scale sources as well as some information you might not expect, but we won't spoil that for you right now. Go to <http://www.scaleaero.com/amascale.htm>

Scale Plans by Jerry Bates-Jerry has a new set of plans out a Grumman Wildcat at 92.5" span. There are 6 sheets for the construction and lots of added goodies with the plans also. Yes, there are plans for Robart to make a set of retracts for this big bird so give em a call. For more information contact Jerry at: 102 Glenwood St., Mobile, Al 36606 ph. 334-478-6720 or check our his website through the NASA website!

2002 Scale National Championships Results

Control Line Profile Scale

Name	Airplane	Static	Flt.1	Flt.2	Flt.3	Flt.4	Total
1. Walter Brownell	A-26	88.5	92.0	92.0	-0-	-0-	180.5
2. Lyn Green	P-61	84.75	31.5	92.5	92.75	91.75	177.38
3. Jack Patroliia	Lazer 200	92.25	87.00	42.75	82.5	-0-	177.00
4. Charles Snyder	De Haviland	80.75	95.50	95.25	-0-	-0-	176.13
5. Chris Brownhill	Hampden	75.00	88.25	86.50	86.50	90.50	164.38
6. Peter Bauer	Super Connie	62.75	89.75	93.25	-0-	-0-	154.25
7. George McGinnis	Wedel William	68.00	69.25	81.25	79.25	-0-	148.25
8. Michael Welshans	Spirit of St. L	82.50	att.	68.00	-0-	-0-	116.50
9. Charles Bauer	Avanti	63.50	att.	46.00	41.00	-0-	107.00

C/L Sport Scale

Name	Airplane	Static	Flt.1	Flt.2	Flt.3	Flt.4	Total
1. Charles Snyder	Typhoon 1B	90.75	82.50	att.	98.50	-0-	181.25
2. Bill Logan	Fokker Dr1	88.00	88.00	69.25	91.50	91.75	179.63
3. Jack Patroliia	Akro	85.25	41.50	94.50	94.25	-0-	179.63
4. Mike Welshans	Howard DGA	89.50	81.25	33.50	68.75	86.25	173.25
5. Walter Brownell	R4D1	79.75	88.25	90.00	73.50	-0-	168.88
6. Peter Bauer	F-82	72.25	81.75	80.25	68.25	-0-	153.25
7. George McGinnis	Gamma Ray	78.75	76.50	54.25	-0-	-0-	144.13
8. Charlie Bauer	U-2	74.50	72.75	60.25	-0-	-0-	141.00
9. Frank Beatty	Parakeet	87.00	45.75	26.00	30.75	-0-	125.25
10 William Goccke	P-47	66.25	44.00	57.25	-0-	-0-	116.88

C/L Designer Scale

1. Frank Beatty	Curtiss CR2	81.33	-0-	57.50	75.00	-0-	147.58
2. Charlie Bauer	J-3 Cub	-0-	-0-	-0-	-0-	-0-	-0-

C/L Team Scale

1. Charlie Bauer & Peter Bauer	F-86 Sabre	86.00	70.00	-0-	-0-	-0-	121.00
2. Kyle & Bill Goecke	P-51D	64.50	30.50	36.00	-0-	-0-	97.75

C/L Profile Scale (Jr.)

1. Bobby Parker	Me-109	44.25	74.75	73.00	75.00	-0-	119.13
2. Aaron Bauer	P-82	44.75	52.00	57.50	52.00	-0-	99.50
3. Jason Bauer	Volksplane	42.50	att.	31.25	25.75	-0-	71.00

C/L Profile Scale (Sr.)

1. Bryan Parker	Shoestring	46.25	80.50	76.75	71.50	-0-	124.88
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FAI (F4B Scale)

1. Bill Logan	DH-10	1617.5	1699.5	1606.5	1632.75	-0-	3283.63
2. Jack Patroliia	Pitts	1451.2	1451.2	713.25	-0-	-0-	2875.25
3. Charlie Bauer	Skyraider	1358.5	1013.2	-0-	-0-	-0-	185.13

Scale National Championships R/C Scale

R/C Sportsman Sport Scale

1. Richard Crupi	P-51B	83.50	84.50	84.25	84.50	88.25	169.875
2. Brad Fuller	C-47	82.50	86.50	81.75	83.00	86.50	169.000
3. Clay Boatman	Aeronca 7ac	87.50	67.00	79.75	78.00	74.50	166.375
4. David Nellis	clip-J-3 Cub	88.00	73.750	69.00	-0-	66.00	159.375
5. William Johnson	clip-J-3 Cub	83.00	72.50	65.750	74.750	77.750	159.250
6. Dave Gish	Winnie May	81.50	55.50	86.250	62.250	-0-	155.750
7. Larry Folk	E-III	68.50	85.50	82.00	84.50	67.250	153.500

R/C Expert Sport Scale

1. Trip Galasso	C-47	96.00	90.250	86.750	92.250	91.250	187.750
2. Al Kretz	Dornier DO23	93.00	90.500	90.500	93.250	-0-	184.875
3. M. Hennrickson	T-34A	94.50	89.00	85.750	90.750	-0-	184.375
4. Kim Foster	DH-94 Moth	93.00	89.00	81.750	87.750	92.750	183.875
5. Dave Voglund	Me-110	91.50	90.250	94.00	-0-	-0-	183.625
6. John Chevalier	Tripacer	92.00	92.00	86.00	89.00	84.00	182.500
7. Cliff Tacie	Aeronca L-16	90.00	87.250	81.50	92.50	82.00	179.875
8. Bob Patton	Tomahawk	89.00	89.50	87.00	92.00	89.500	179.750
9. Steve Ort	Stinson Reliant	91.00	83.50	79.00	91.250	86.00	179.625
10 Michael Winter	Sopwith Pup	92.00	86.00	76.750	89.00	81.50	179.500
11 Lloyd Roberts	Stearman	90.00	85.250	87.250	90.00	83.00	178.625
12 Skip Mast	J-3 Cub	91.50	80.250	80.250	91.500	82.250	178.375
13 Jeromy Arvin	Cap 21	87.00	-0-	83.750	90.750	91.250	178.00
14 Michael Smith	Piper L-4	88.00	87.500	73.00	86.750	84.500	175.125
15 Jon Hay	DGA-6	88.00	78.500	87.500	86.750	-0-	175.125
16 Earl Moenze	Waco YMF5	92.00	78.250	74.00	81.250	83.750	174.500
17 Charles Baker	PT-26	95.00	76.00	50.750	-0--	-0-	158.375
18 Dave Barry	AT-19 Reliant	88.00	73.00	67.750	-0-	-0-	158.375

R/C Designer Scale

1. Dave Platt	Aichi Val	91.50	70.500	93.750	87.500	-0-	182.125
2. Mike Gretz	Piper J-3	92.50	83.00	86.750	-0-	-0-	177.375
3. Bob Underwood	Stormavik	96.50	-0-	88.750	-0-	-0-	140.875
4. Charles Baker	Rawdon T-1	96.50	40.00	42.500	-0-	-0-	137.750

R/C Fun Scale Open

1. Jeremy Arvin	Extra 330	5.00	91.00	92.750	92.250	89.500	97.500
2. Dave Pinegar	Extra 300S	5.00	87.00	84.250	94.250	89.00	96.625
3. John Chevalier	Fly Baby	5.00	63.500	85.250	91.00	85.750	93.375
4. Al Kretz	Extra 300S	5.00	87.00	86.250	89.500	85.500	93.350
5. Richard Crupi	J-3 Cub	5.00	90.250	80.750	85.250	84.250	92.750
6. Dale Arvin	Ryan STA	5.00	86.750	40.250	88.500	83.0	92.625
7. Dave Fogarty	PT-19	5.00	75.00	86.00	84.250	88.750	92.375
8. Auther Shelton	Sopwith Pup	5.00	83.250	55.250	88.00	85.00	91.500
9. Bob Underwood	Laser 200	5.00	86.00	84.750	80.750	79.500	90.375
10 Tom Dobyns	P-51D	5.00	84.500	81.250	76.750	74.250	87.875
11 Vince Veltri	PT-26	5.00	74.250	81.250	80.750	82.750	87.00
12 Dave Voglund	Me-163	5.00	79.750	5.00	-0-	-0-	47.375
13 Dan Grotzinger	Heinkel 100D	5.00	-0-	-0-	-0-	-0-	5.00

R/C Fun Scale Novice

1. Ramon Torres Jr.	Beech Bonanza	5.00	86.750	79.750	89.500	-0-	93.125
2. Logan Arbuckle	Ju-87 Stuka	5.00	80.750	83.00	84.00	92.00	93.00
3. Brad Foley	P-51 D	5.00	87.250	86.00	69.00	84.500	91.625
4. Thomas Arbuckle	Edge 540	5.00	84.500	82.500	86.00	85.750	90.750
5. Jim Mahoney	Fly Baby	5.00	76.500	87.00	79.500	84.500	90.750
6. Steve Eagle	PT-19	5.00	81.00	85.250	83.00	84.750	90.00
7. Hunter Sizamore	F4U Corsair	5.00	12.250	-0-	81.750	80.500	86.125
8. Clay Boatman	E-III	5.00	70.750	74.00	75.750	79.00	82.375
9. James Holloman	J-3 Cub	5.00	38.00	-0-	-0-	-0-	24.00

R/C Team Scale

1. Dave Pinegar George Maiorana	TU-4	99.00	95.00	91.250	93.250	-0-	193.125
2. Ramon Torres Sr. Ramon Torres Jr.	T-34C-1	97.500	84.00	-0-	90.750	-0-	184.875
3. Wayne Cecil Bill Early	Stearman	95.00	88.50	86.00	85.250	87.00	182.750
4. Mike Gretz Claude McCullough	Waco	96.500	71.750	80.750	84.500	-0-	179.125
5. Trip Galasso David Barry	Piper L-4	93.00	83.250	80.00	-0-	-0-	174.625



In This Issue:

- President's Column
- 2002 Scale Natl. Championships
- Top Gun 2002
- AMA Scale Rule Proposals
- Scale R/C Indoor?
- 2002 Scale Natl. Results

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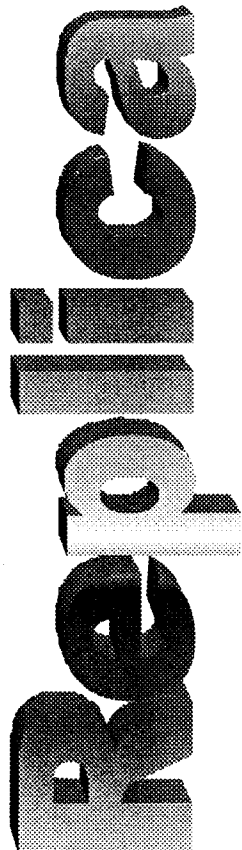
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