Newsletter of the National Association of Scale Aeromodelers [NASA]

DRESIDENT'S NOTES



MEMBERSHIP RENEWAL!!!!!!!

Check out your membership card and see if it isn't time to renew. The dues haven't changed this year and are still only \$15 per year. We hope that you think that your dues have been worth the newsletter, and all of the other benefits you receive from NASA. So stop and sit down, write that check out and put it in the mail! Send to: **Bonnie Rediske** - Secretary/Treasurer, 128 Darnley Dr., Moon Township, PA 15108

NASA ELECTIONS

Well we had one member who was nominated for the position of NASA President other than myself. **Hal Parenti** was nominated and if he had accepted the nomination would have no doubt made a great positive impact for NASA. Hal has offered to help in any way and we will include a ballot on the back of this Replica. Look in this issue for the ballot.

We look forward to serving for another two years as NASA officers and hope that everyone will continue to contribute to scale aeromodeling as well as the newsletter and website.

THE NASA SCALE ROAD SHOW AT TOLEDO

The Toledo Show will celebrate it's 50th year and NASA will continue to participate and improve this unique scale seminar series with NASA Webmaster **Ed Clayman** at the helm. Again this year we will have several presenters with different topics of interest to scale modelers, who are interested in competition as well as just building better scale models. The 2004 Seminar Topics and Presenters are:

Friday April 3rd Darrell Tenny	Seminar Topic Put Scale Legs Under that Bird	Time 1 12:00pm	Room 102
Mike Barbee & Stan Alexander	How Flight Presentation Effects Your Score	12:30pm	102
Ed Clayman	NASA's National Scale Chmpship. Rally	1:00pm	102
Jim Rediske	Use of Color in your Documentation	1:30pm	102
Saturday April 4th			
Lloyd Roberts	USA's FAI Scale Team-How to get on it	12:00pm	102
David P. Andersen	Building your Scale Design-getting started	12:30pm	102
TBD	Preparing for Your First Scale Contest	1:00pm	102
David P. Andersen	Building your Scale DesignGetting it done	1:30pm	102

NASA'S SCALE CHAMPIONSHIP RALLY – WHAT THE HECK IS IT AND WHY?

The idea of this National Scale Rally is to increase participation in Scale Contests around the country. Have you been to the NASA website lately? The idea is to compete in at least three AMA sanctioned scale contests and have the Contest Director fill in data and mail your form in from the website in your self-addressed stamped envelope. The Contest Director completes and signs the form, mailing it to the NASA address on the form. Registration and score entry forms become the sole property of NASA and cannot be returned.

For a master copy of each form contact: NASA, C/O **Ed Clayman**

16115 Espinosa Dr., Houston, Tx 77083

Current AMA members can register using an automated registration form found on the NASA web site. Look for this in the newsletter also. For the first year we are concentrating on the RC classes. We would also like to start up classes in CL and FF Scale also, but this is still in the works and we will be asking for input from members in those specialties. Go to the NASA website at: www.scaleaero.com/amascale.htm.

Of course you can compete in a 4th event during the year or additional events. Doing so will drop points earned from the first submission we receive for your tally.

The NASA web site composition is like an FBO (Fixed Base Operator). You will find piloting and construction, finishing resources in the Technical Services section of the site.

Classes for the National Scale Championship Rally include the following:

#511 Sportsman Sport Scale #520 Fun Scale #512 Expert Sport Scale #522 Team Scale #515 Designer Sport Scale

Rally tallies will be displayed on the website for the duration of the 2004 National Scale Championship Rally, so you can see where you stand in this national event.

What are the awards if you place in the top three? Let's see, look for awards of participation for each

...continued on page 2



NASA OFFICERS

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... President's Notes continued from page 1

entrant. Also look for sponsored awards from companies in the hobby and outside the hobby who are interested in participation in aeromodeling at the conclusion of the calendar year.

So why not enter today!

U.S.A. FAI SCALE TEAM

The Scale Team is going to Deblin, Poland next summer to represent the United States at the World Scale Championships. The dates are July 23rd-August 1st. **Lloyd Roberts** is serving as the Team Manager and is asking for any support possible from modelers, clubs, as well as corporate sponsors. Members who are interested in supporting the U.S.A. FAI Scale Team, please contact Lloyd at this address:

Lloyd Roberts 140 Porter St., Rockport, ME 04856 Iroberts@midcoast.com

All checks should be made out to the FAI Scale Team Managers Fund. Also, if you and or your family are interested in traveling with the Scale Team also contact Lloyd as well as the AMA Competition Department. As soon as we have a price on the supporter package from AMA it will be published here and on the NASA website.

Deblin is about 100km north from the capitol of Poland.

Event Directors for more information or if you are interested in volunteering for the Nationals.

RC Scale Event Director

Ed Terry 900 County Rd. 210 Logan AL 35098 256-747-1217

cptforensics@juno.com

Unofficial Events Free Flight

Stan Alexander 3709 Valley Ridge Dr. Nashville, TN 37211-3831 615-834-1879 (evenings) onawing@mindspring.com

CL Scale Event Director

Mike Welshans 976 Pearson Ferndale, MI 48220 248-545-7601

Mbwelshans@aol.com

Indoor RC Mike Gretz

401 South Front St. Montezuma, IA 50171 641-623-5772 (evenings) mikeg@www.sigmfg.com

Classes: RC

511 Sportsman 520 Fun Scale (open) 512 Expert 520 Fun Scale-Novice 515 Designer 522 Team Scale 516 F4C (FAI class)

Classes: CL

525 Designer Scale
509 Sport Scale
Team Scale (unofficial)

510 F4B (FAI class)

FF scale Mass launch events flown during the weekend- schedule to be announced.

Indoor RC events to be announced by **Mike Gretz** in the next newsletter.

Look for both scale as well as fun-fly events for the Horizon Center.

Gee... wouldn't it be great if we could get the gym

at Ball State sometime?

FAI SCALE F4C- A MASTERS QUALIFIER

This year marks the 2nd time that any contest which holds a Scale Masters Qualifier and the FAI F4C class within that contest, the F4C will be considered a Qualifier for the Masters in Kansas City this fall. So what this does is to give those who want to participate in the Team Selection - another chance to compete in the F4C class and qualify for the Masters at the same time. It also gives you a chance to practice for the Team Selection and hopefully the World Championships in 2004. It appears to be a win/win for everyone. If a scale contest near you doesn't offer the F4C class, ask them to hold it! If they need technical help, please contact any NASA officer or myself.

We hope to increase the number of FAI classes in many of the Masters Qualifiers next year and the time to start planning that is now!

FAI Sporting Codes Up to date are available from either the FAI Website at FAI.org or the AMA Competition Department. It will take about 70 pages of paper to download it off the net, but that is the fastest way to obtain or view it.

2004 SCALE NATIONAL CHAMPIONSHIPS

This year's Scale Nationals will be held on June 25th-27th. There will be the usual AMA Scale classes as well as a few unofficial events both in C/L scale as well as Free Flight Scale for all modelers. Also, on Friday night after static judging is over, we will hold the RC Indoor Fun Fly at the Horizon Center again! We will include scale in this also and look forward to seeing some new and different models in that venue. We are very happy to have Mike Gretz hosting this event with a great time planned for all who attend, either as pilots or just NASA's guests. Plan to be there and if you haven't flown indoor, why not try it? Look for special notices for NASA members there on Friday night. Have your NASA membership cards there with you!

Look for more information on the Scale National Championships in **Replica**, **Model Aviation™**, as well as our website at: http://www.scaleaero.com/nasa.htm. You can also contact the Nationals

FREQUENCY SPLIT FOR THE SCALE NATIONALS

The frequency split for the Scale Nationals is in again this year and from the looks of it we will have this from now on. **So be advised.**

The following frequencies are authorized for Scale use. Narrow Band Transmitters/Receivers are required.

11	22	31	41	50	53.8	03	V/Bk
13	24	34	43	52	55	04	
16	25	35	44	53.2	56	06	
18	28	37	46	53.4	59	07	
19	30	40	49	53.7	00	Y/BK	

If you've been before it's much the same with some additional perks. If you haven't been you and your family are missing a treat and a great family time together.

AMA/NASA/FAMILIES

We do plan to include the half time family activity we did this past year where one of our sponsors, Balsa USA, brought their factory show team out and helped and instructed kids with hands on experience on flying scale models with a Sopwith Pup. Everyone had a blast!

Stan Alexander

A student became lost during a solo cross-country flight. While attempting to locate the aircraft on radar, ATC asked, "What was your last known position?"

The student answered,

"When I was number one for takeoff!"



Scale Military Aircraft Plans

Plans shipped ROLLED

Curtiss SBC-4 "Helidiver"

68" Wingspan

1930's US Navy Biplane Dive Bomber

Plans \$65

Parts Available

Grumman OV1-B "Mohawk"

Vietnam US Army Twin Engine Observation Aircraft Easy to build ALL FOAM Construction

Plans 56" Wingspan \$25, 65" \$35 77" \$40

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Heinkel He111 "Blitz Bomber"

89" Wingspan

WWII German Twin Engine Bomber

Plans \$65

Parts Available

Heinkel He219 "Uhu"

91" Wingspan

WWII German Twin Engine Night Fighter

Plans \$65

Parts Available

Vultee P-66 "Vanguard"

77" Wingspan

1941 US Army Air Corps Fighter

Plans \$45

Westland "Wyvern"

75" Wingspan

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Plans \$55

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You know, we are truly blessed with many aviation museums around the country. If you think we aren't, just travel somewhere outside of your country and see the sad state other countries aviation museums are in! Really, it can just about make you think the Davidson County Air & Science Museum in Nashville is great, and that's a fictional place!

We have the National Air & Space Museum, the Air Force Museum in Dayton, the National Museum of Naval Aviation in Pensacola, and the list goes on and on and on.

I'm going to zero in on one of the museums above that I've really learned to enjoy each time we go there. Yes, my wife goes with me and with a side trip to Mobile, Alabama to the USS Alabama and Belengrath Gardens, we sort of share the week. That's right I said week. Our last trip there, we spent a day driving down and back 3 days at the museum and two more on the Alabama coast.

Was this our first time there? No. My first time at the Naval Aviation Museum was many, well several years ago when I was twelve. We took a 1966 Plymouth Fury III to the gulf coast and just happened to go to Pensacola for our vacation. The beach was the big thing then, at least till we went to the fledgling museum. I had a ball taking photos of the airplanes parked around the park then. But the museum grew and continues to do so. Uh, come to think of it, guess I did too.

Today for modelers (and I must stress that point) the museum of Naval Aviation is one of the very best places for modelers to obtain documentation. Why? Is it better than other museums? In my humble opinion it's the best in the United States for modelers, that I've been to. But that old question of why comes back again. Why?

It's simple, unlike all of the other museums, you can eat off the floor, its so clean, the airplanes are accessible and not totally roped off to where you can't get close to the airplanes to take photos. Much of this is due to the army (or I guess I should say Navy) of volunteers who work there. It's well lit, in fact it's one of the best lit museums anywhere in the world. Most of the aircraft that the U.S. Navy flew, or fly now, is either inside or very near. For much of the museum there is a upper deck which allows you to look out over the top of many airplanes or obtain different views for photos. They have an ongoing restoration facility very close and continue to work on various different and rare types of aircraft full-time.



The Museum's west wing houses an exact replica of the flight deck and superstructure of a famous CVL, or light carrier, the USS Cabot, CVL-28. Its extensive combat record is proudly displayed just as painted on the original ship – and by the original artist.



The Museum's F8F-2P Bearcat served at NAS Pensacola, FL, during its operational career. It is a photographicreconnaissance version of the Bearcat, one of only 60 built.



Following WW II combat operations from Guadalcanal, the Museum's SBD-3 aircraft was returned and subsequently lost in Lake Michigan while conducting carrier qualifications for new pilots. Located many years later, the aircraft was recently recovered and restored to its present condition.



The Museum's P-3A (BuNo 152152) on display outdoors was obtained from NAVAIR. A second YP-3A (BuNo 148276), once operated by NASA, is also on display.



The museum has six A-4s on display. They include the first operational A-4A (BuNo 137813) displayed outdoors and an A-4E (BuNo 149656) obtained from the Fighter Weapons School (Top Gun) displayed in the entrance.

Ohhhhhhhh, sounds good so far doesn't it. Well I'm just starting everyone. Many of the U.S. Navy retirees like the Pensacola area and why not – the climate is great, so is the food and what better place to see and hear F-18s, F-14s as well as T-34c aircraft buzzing around all day. But several of the retirees have dedicated their spare time (what's that?) to helping preserve and research information for modelers, historians as well as Naval buffs.

This museum has a full-time staffed research facility and library which is open to the public. It's best that you make an appointment before going to the research area and have a list of what your looking for handy too. They also are continuing to look for more information on aircraft in every era, that were flown by the U.S. Navy and U.S. Marine Corps. They will make photo copies for you there at about \$1 each for an 8x10 and will send photos by e-mail to you free of charge if they have what your looking for.

I spent about a day and a half just in the research area, looking up different aircraft for friends as well as myself. They also have a lot of history of the airplanes that are presented in the museum too. Like the Vought SB2U Vindicator divebomber they recently restored and have in the museum now. It's the only one of it's kind anywhere in the world. I do wish they had finished it in a pre-WWII color scheme which would be much more colorful, but it's in the medium blue you see many SBD Dauntless dive-bombers.

This airplane was delivered to squadrons in 1937 and was the first monoplane scout-dive bomber delivered to the U.S. Navy. By the time we entered WWII, the SBD Dauntless had began to replace the ole "Wind Indicator". The museum's airplane is the last SB2U-2 version of the Vindicator delivered to the fleet. It was recovered from Lake Michigan 47 years after it crash landed during carrier operations training with the USS Wolverine IX-64.*

The wings still fold and if you are patient and ask the right person they have in the past actually folded and unfolded the wings. Remember patience, and asking nicely can help us all there. High handed attitudes and trying to make volunteers rush a job can lead to nothing happening at all.

Ok, you've been around the museum and found several aircraft you want to photograph, but forgot film, they have it. Plenty of places to sit down also which can come in handy when you're reloading your camera with batteries or film. There is also a theater for those who would like to take a break and guess what, the Blue Angels are one of the films available in the IMAX format. The Pensacola base is the home base for the Blue Angels and if you are very lucky you can get to see a practice session where they do the air show at the base.

CUBI BAR CAFÉ

By now you are probably smelling the food from

the Cubi Bar Café there in the museum, where you can sit down and have a modestly priced lunch (yes Navy beans are available) without leaving the museum or the base, which to modelers is just really handy to eat, sit and look at hundreds of airplanes too.

The Cubi Bar Café offers an upscale lunch menu and décor that chronicles the many deployments to the Western Pacific by U.S. Navy and U.S. Marine Corps units. Literally hundreds of plaques, once covering the walls of the Officers Club at NAS Cubi Point in the Philippines, now adorn the restaurant's walls. Returned to the United States following America's departure from the Subic area, the furnishings of the club were carefully stored as historic memorabilia. The Cubi Bar Café was designed and built to duplicate part of that famous club.

For 40 years of deployments, squadrons and other units customarily presented a plaque or emblem to the Officer's Club as gestures of thanks and remembrance. The custom generated a local industry among Filipino woodcarvers, whose imaginations and expertise brought the endeavor to the level of fine art. Many of the plaques not only capture Naval Aviation history, but the artistry and creativeness of Philippine culture.

Most meals will run you about what a fast food restaurant will cost and they have a kids menu with meals for them also.

If you are going to the museum, expect your car to be checked inside and out. I would suggest going there on a Monday-Wednesday as field trips usually occur on Thursday and Friday (which hold true for museums anywhere). Wear comfortable walking shoes, take plenty of film and I usually take a notebook for comments about different aircraft. Take a camera with the strongest flash you have. Even with great lighting, you need that extra punch with a strong flash for detail and undercarriage prints.

Here is a partial list of aircraft on display now:

Curtiss A-1 Triad float plane Fokker DVII Curtiss MF Flying Boat Ford RR-5 Tri-motor Grumman F3F-2

Grumman F9F Panther (straight wing) Grumman F6F Hellcat Douglas A3D/ A-3 Skywarrior

Douglas A3D/ A-3 Skywarrior Boeing N2S Kaydet "Stearman" Martin AM Mauler NiK2 "George"

SB2C Helldiver Douglas C-47 "Skytrain"

PB2-Y "Coronado" (in restoration) Curtiss SNC-1 Martin AM "Mauler" Douglas JD Invader

Grumman HU-16 "Albatross" Lockheed SP-2H "Neptune" North American A-2 "Savage" North American T-28 "Trojan"

Curtiss F9 C "Sparrowhawk" North American A-5/RA-5C

LTV A-7 Corsair II

OS2U Kingfisher

Thomas Morse S-4C Scout Nieuport 28 Curtiss F6C-1 Hawk Fleet N2Y-1 Curtiss NC-4

Vought- Sikorsky F4U Corsair Martin P5M/SP-5 Marlin Timm N2T-1 Tutor T0/TV "Shooting Star" J2F-6 Duck Douglas F4D Skyray PBY Catalina

Beechcraft GB-2 "Traveler" Stagerwing SNV-1 Vultee Valiant

Consolidated PB4Y-2 "Privateer" Grumman F7F "Tigercat" Grumman F8F "Bearcat"

McDonnell-Douglas FH-1 "Phantom"

North American FJ-1 "Fury Grumman AF "Guardian" Grumman S-2 (S2F) "Tracker" Douglas F3D "Skyknight"

McDonnell-Douglas F2H Banshee Cessna JRC T-50 (USAAF Bobcat)

The list goes on and on. For more information about the museum, please contact:

http://naval.aviation.museum 1800-AIR-NAVY (for the museum shop)

Admission is free, but for all it has to offer it's worth much, much more. A nice place to stay is:

Comfort Inn NAS Corry 3 New Warrington Rd., Pensacola, Fl 32506 Phone 850-453-3445

Stan Alexander

FROM THE FIELD...



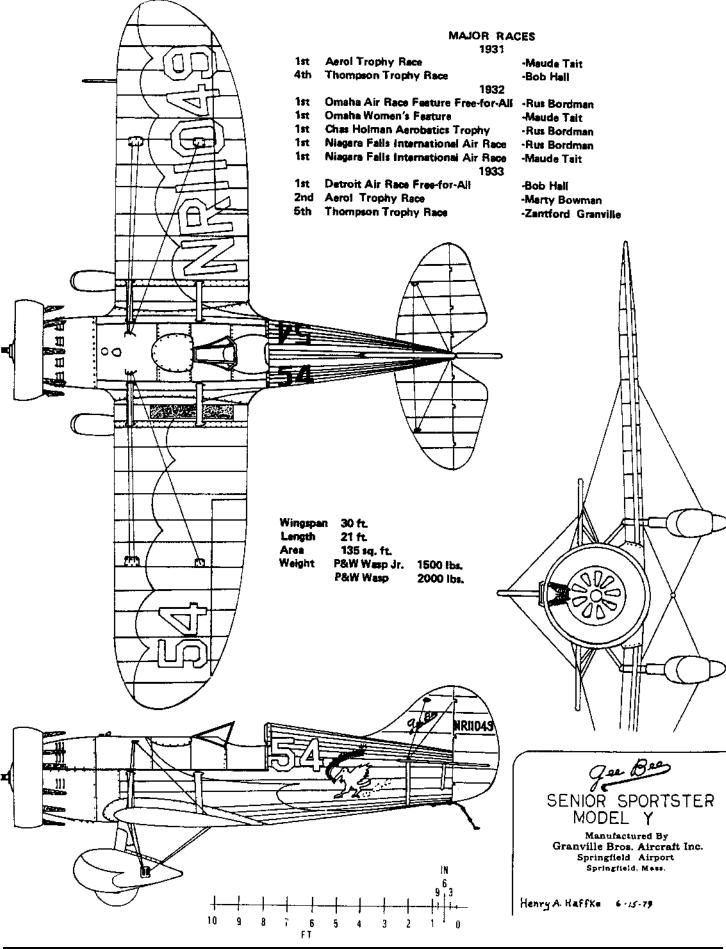
Attached are photos of the full-sized Fly Baby formerly owned by Gary Longcor of Charleston, IL, and my Dynaflite 1/4 model. I built it with Fun Scale in mind - all I want is my five points. Covering is 21st Century fabric (don't think I'll ever paint a whole plane again!) and all-up weight with the 0.S. 91 Surpass is 10.5 lbs, including the 1.5 lbs of lead in the nose!

It has one odd characteristic that is shared with my old 1/4 scale Spezio Tuholer - when you apply rudder, the nose tucks under! When you do a stall turn, you have to apply almost full up elevator when you kick in the rudder! Great kit for the money (\$85).

Cliff Tacie

NASA'S OFFICIAL MAGAZINE





DEAR FELLOW SCALE MODELERS:

The U.S. Scale Model Aircraft Team (F4B-Control Line, and F4C-Radio Control) selected in competition last summer at the National Championships, is traveling to the World Scale Aeromodeling Championships next Summer, July 2004. This contest, the Olympics of serious scale aircraft modeling, is going to be held near Warsaw, Poland. I am asking for your support.

Our team of six modelers, three Control Line and three Radio Control, will be competing against the best in the world from some 20 countries. In this contest we are representatives of the United States of America to the rest of the World.

Unfortunately, getting to Poland (somewhat off the usual tourist routes) is expensive. The Academy of Model Aeronautics provides a fixed, modest subsidy which covers uniforms and part of the air fare. The team must pay for the remainder of the air fare, several hundred dollars per person, and often as much in extra payment for the "oversize luggage" model crates. We need to rent a couple of vans for 10 days, rentals are expensive in Poland. We may have to pay for hotel rooms.

We are asking for your support for the team. The team members will be spending a good deal of their own money as well as 2 weeks of vacation time. Some take their wives as crew at their own expense. This is not a free ride, and we need help.

We need to raise several thousand dollars to fill the gap and are asking for personal and club donations. Any amount is welcome. Donors of \$25 or more will be listed on our web site and receive a video of the contest courtesy of one of our supporters.

Make checks out to "U.S. Scale Team Manager's Fund" and mail to me at U. S. Scale Team Manager, P.O. Box 271, West Rockport, ME 04865.

Please feel free to call me if you have any questions – 207-596-2095. Thank you for your interest and help.

Lloyd Roberts

Team Manager

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For landing gear, flaps, other scale options.
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Basic Radio Control Definitions

Blind Nut: Judge at a scale contest.

Crash: Quick method of removing the radio and engine

from one model to fit them in your new model.

Epoxy: The stuff that has to replace bits of balsa missing

after the flying season.

Mixture Screw: Device to meter too little fuel to the engine at critical

moments.

Swept Area: The only part of your apartment not covered in balsa

dust.

VOTE FOR YOUR 2004-2005 NASA OFFICERS!

PRESIDENT



Please take a few moments and fill out this ballot for the electron of 2004-2005 NASA officers. Incumbents for each of the office positions are shown first, with a space below each office for a write-in vote. If you choose to vote for a write-in candidate, please print.

All ballots must be received by 3/31/04 to be included in this election.

No photocopies are elegible for this election. Only ballots cut from this Replica newsletter and having the mailing address sticker on the reverse side will be counted.

When completed, send your ballot to:

NASA 2004 OFFICER ELECTION

128 Darnley Dr. Moon Township, PA 15108

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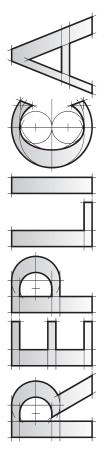
In This Issue:

Renew your membership!
Gee Bee Model Y 3-view
National Museum of Naval Aviation
NASA Officer Ballots.
The Latest in Scale News.

Join NASA Today! Complete the following application (please print) and mail it to Bonnie Rediske, 128 Darnley Drive, Moon Township, PA 15108. Membership dues are \$15.00 USA, \$17.00 Canada, and \$22.00 everywhere else.

Make checks or money orders payable to: National Association of Scale Aeromodelers.

Name:				☐ Renewal	☐ Address Change
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