

THE ZOG-43

The Newsletter of NARHAMS, NAR Section #139.
NAR National Champions 2001, 2004

1965-
2005



40th
Anniversary



2005 Cadet Program Kick Off

By Jennifer Ash-Poole, NAR 61415

For the second year in a row, NARHAMS is running the cadet program at College Park Airport Museum. This time we have 12 new faces, and 4 returning for a total of 16 cadets. The kids are from Maryland, Virginia, and we even have one coming from Pennsylvania!

The returning cadets are continuing on in the program by finishing up their Gemini, if needed, and working on their Apollo levels. The new cadets are starting at the Mercury level, but with new kits this year.

Just for fun, the cadets started out building a Quest Courier. This gives the kids a nice large model to build, and one that is more fun when they can fly an egg! Hopefully,

the kids will get to do so that at our Section launch later this month. Even though the pictures were taken the day they finished building, a lot of the cadets took their "homework" to heart and painted their rockets. There were many spectacular models flying at Goddard. Almost every new cadet has finished the first part of their Mercury Level. If they continue this way, all of them will complete the Mercury Level in March. 🚀

See more of the cadets on page 10!



Group shot of the 2005 Cadets after building thier Couriers. Photo by Zog Bubbles

Where'd It All Begin?

By Ed Pearson, NAR 5694 (from March 1995)

The club evolved from the Northwestern (High School) Model Rocket Club which started in 1963. The big mover and shaker of the founding was Doug Frost, who had recently arrived in the area from North Carolina and had formed a NAR section there. I met Doug at a school fire drill and he was a gregarious fellow talking about his hobby to anyone in the school yard. That Sunday, I found him in my Sunday school class. A rocketeer and a fellow church member too; that was fate!

We started a school club with the help of other interested rocketeers Doug had drummed up. Doug was elected president of the club (I ran for vice-president, was defeated soundly and had to settle for the elected position of Firing Officer, which was then, in anticipation, and now in retrospect, the neatest of all.

After NARAM (NARAM 5 @ Hascom Field, Massachusetts) Doug started lobbying for us to join the NAR. He introduced us to a young adult modeler, Jim Kukowski, who also pushed us to form a section. Jim, aka Casey Kukowski (Jim Casey was his stage name as a DJ on a local classical AM band radio station), was leaving the radio business and becoming the executive director of the NAR. He wanted us to hook up with a sounding rocket

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MARCH 2005
VOL 27 ISSUE 3

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Meet the Cadets!

**AND LOTS OF OLD PHOTOS AND
ZOG-43 COVERS!**

ZOG-43

Volume 27 Number 3 March 2005

ZOG-43 is the official newsletter of NARHAMS the National Association of Rocketry Headquarters Astro Modeling Section # 139

NARHAMS is the oldest model rocket club in the United States!

ZOG- 43 is dedicated to model rocketeers of all ages, abilities, and interest. We are committed to providing the most current, up-to-date information on model and real world rocketry, and to provide educational material as well as entertaining information. ZOG -43 is published monthly and is available to anyone on a subscription basis. Current rates are \$10 for meeting pickup or email or \$15 for postal mail U.S. Funds for 12 issues a year, payable to NARHAMS Material in ZOG -43 is not copyrighted. Free and unlimited reproduction is granted with the proper credit to the author and/or ZOG-43.

For more information.....

If you have any questions about ZOG-43 or NARHAMS, or if you have any comment(s), correspondence, free merchandise or if you'd like to submit an article, send them to :

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zog43editor@yahoo.com

ZOG-43 is edited by Kevin Johnson, and is an eight-time winner of the NAR/LAC "Rockwell" Trophy, recognized as the best NAR section newsletter.

Years won: 1969, 1973, 1975, 1990, 1991, 1992, 2003, & 2004

Zog-43 staff typist is none other than Jennifer Ash-Poole a.k.a. Secretary to the Stars !

Photographs: by Kevin Johnson, except where noted.

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This Edition: 35 copies

NARHAMS ON THE WEB

<http://www.narhams.org>

Send and receive E-mail with other NARHAMS members through NARHAMS Web page grouplist via yahoo-groups.



NARHAMS serves Baltimore, the state of Md., Washington DC and the surrounding Metropolitan areas. The club is a section of the National Association of Model Rocketry (NAR) and we are the oldest continuously active model rocket club in the United States, first established as a high school club in 1963, changing our name to NARHAMS when chartered as a NAR section in 1965. NARHAMS is the only five time winner of the NAR "Section of the Year" award.

Years won: 1997,1998,1999, 2001, 2004

NARHAMS members regularly fly their model rockets at NASA's Goddard Space Flight Center on Soil Conservation Rd. in Greenbelt Md. The launches are open to the public and are held the first Sunday of every month (weather permitting), starting at 1 PM.

Sport Launches are usually held the second Saturday of every month at Middletown Recreation Park in Middletown Md. Check the web page for updates.

NARHAMS welcomes all prospective new members to our monthly meetings. They are held on the first Saturday of the month from 5:30 to 9:30 PM at the College Park Airport Annex Building. Dues are 10 cents a week, with an initial 50 cents up front (good for 5 weeks) as a sign of good faith.

NEW: Monthly meetings available on-line via chat-room , simply go to the NARHAMS homepage and click on the link.

ZOG ROYAL COURT

(NARHAMS OFFICERS)

ZOG (President)

Jennifer Ash-Poole

410-674-6262

Vice Zog (Vice-President)

Jim Filler

COLLECTOR OF THE ROYAL TAXES (Treasurer)

Ed Pearson 301-577-7775

KEEPER OF THE HOLY WORDS (Secretary)

Chris Kidwell 571-434-7507

COURT JESTER (Section Advisor)

Khim Bittle 301-293-2399

Directions to College Park Airport:

Follow I-495 to Kenilworth Ave. South. Make a right onto Paint Branch Parkway, then make a right on Cpl. Frank S. Scott Dr. At the airport entrance go straight to the Operations Building, the annex building is adjacent to the "Ops" building.



Zog Speaks

This month marks NARHAMS 40th year in existence. The NAR itself has been around for 47 years, and not that many clubs can claim to have been in as long as we have. Several clubs have died and been resurrected, but NARHAMS has lived on. (There is an Ohio group that became a NAR section a few months after we did. The NAR has an award for one of its founders' son, the Gregorek Award. Larry Rice of this club sat with NARHAMSters at the NARAM 46 banquet in Virginia and we compared starting dates on clubs.)

Section numbers didn't come along until a few years later, and the powers that be decided to hand out the numbers by alphabetizing the sections first. Hence, some sections have a lower number than ours, but came on the scene a few months after.

Being the club librarian, I get to find great things among our archives. I have recently been given the minutes from 1965 and have read the March 1965 where it was reported that the section paperwork was received from the secretary. I also have the treasurer's reports and club lists. There are quite a few people that have made NARHAMS the club it is today.

NARHAMS will be around for another 40 years with the help of all club members. We provide a safe fun hobby for kids, and we may be teaching a future astronaut or engineer. Plus we are a fun goofy bunch. That is evident in the NARHUNS comics I keep coming across as well. (Some day, I will figure out how to scan those in so I can share with everyone.)

So Happy Anniversary NARHAMS! Let's go fly some rockets for fun, and celebrate.

Zog Bubbles 

Meeting Minutes- January

Recorded by Dr. Chris Kidwell, NAR Keeper of the Holy Words

What happened at the last meeting? With a club as spread out as ours, this question is a familiar refrain. I asked our club secretary to provide me with the minutes from past meetings in order to make them available to more club members.

The reason these are from the January meeting is that I asked for the minutes to be sent to me after they are read and accepted, which happens at the following meeting. Past meeting minutes can usually be found at the club website, in the Library section.

And don't forget that you can participate in club meetings online through the chat room link on the homepage. - kj

Minutes

An open building session preceded the meeting.

Meeting called to order at 7:59 pm by Jennifer Ash-Poole. Members attending: Jennifer Ash-Poole, Scott Branche, Jim Filler, Kevin Johnson, Chris Kidwell, James Mehalick, Mike Mehalick, Jim Miers, Ed Pearson, Mark Petrovich.

Old Business

Minutes from November 5 meeting read. Motion to accept (Jim Filler/ Kevin Johnson) passed.

Cadet program starts next month. Jennifer has been buying stuff. Last count was 10 enrolled.

Update on patches from Jim Filler. John McCoy has designed a 40th anniversary patch. Quote for 3.5" diameter patch is \$2.60 each for minimum 100 at The Patch Place. Quote from Stay Dry: \$1.58 each minimum 100, 3-4 week delivery. Motion to get 100 patches at a cost not to exceed \$165 (Jim Filler/Alan Williams) passed.

Kevin Johnson did a talk with Bob Eckman with about 18 explorer scouts at Lockheed on Nov 17 for

TARC.

Kevin Johnson helped a teacher at Ellicott Mills Middle School build and launch Super-6 models on Dec 18. TARC team from Long Reach High School helped out and did a demo of a single-stage egg loft.

Treasurer Report

December: Collected \$505.00, spent \$98.73. Income: raffle \$14 (Nov), \$271 (Dec); dues \$90; Zog-43 \$130. Expenses: Stamps \$37; planning meeting \$10.80; MADROC trophy \$33; holiday party supplies \$17.93. Cash on hand: \$489.36. In the bank: \$2418.05. Total: \$2907.41. Motion to accept (Alan Williams/Jim Filler) passed.

New Business

RCP process is open. One has been submitted. Deadline is June 30.

Alan Williams suggests we reconsider having meetings on Saturday. Jim Miers suggested we let it run for several months to see what happens. We actually have more tonight than at the past 2 January meetings.

Motion to adjourn (Alan Williams/Chris Kidwell) passed. Adjourned at 8:27 pm 

Anniversary Goodies

Since this month marks the start of the club's 40th year, I have filled this issue of Zog-43 with some items from the past. You will find a few pictures and some of the covers from past issues of the newsletter.

Thanks to Tom Lyon, Paul Miller, and Jennifer Ash-Poole for combing through their stash of stuff and providing us a glimpse into the past.

We also look to the future as a club, and so I have added the meeting minutes to the Zog-43 to keep everyone informed about what's going on. You also get a chance to meet some of the newest club members, the cadets. 

ZOG 43

10TH

ANNIVERSARY ISSUE
VOL. 10

MARCH 1975
NO. 4



ZOG-43

MARCH 2001



*PHOTO: Dr. Kidwell prepping a
MICRO-MAX launch*

Photo By : Kevin Johnson

IN THIS EDITION

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- MARCH ASTRONOMY
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- NAR CONTEST BOARD NEWS
- UPSCALING
- GUIDE TO A NARHAMS CONTEST
- CALENDAR OF EVENTS

THE ONLY NAR NEWLETTER PUBLISHED MONTHLY !!

...continued from page 1.

engineer at Goddard Space Flight Center to form Maryland's first NAR section. We dragged our feet, so Howard Galloway formed his club first using alumnae of his girl scout troop and called his club the Star Spangled Banner Section. They were headquartered in Arbutis Maryland, a suburb of Baltimore where Francis Scott Key penned our national anthem.

The following year after NARAM-6 (Wallops Island Virginia and attended by club members, Doug, Rusty Rice, Paul Conner, and myself) we had so much fun we stopped dragging our feet and got underway to form a section. By then there was a second NAR section in Maryland, the LaSalle Association of Rocketry of Cumberland. [I remember Casey getting me together with Pat Stakem, LaSalle's president, and Jay Apt, president of the Steel City Section (Pittsburgh) so we can talk regional strategies at

NARAM-6. It led to life-long friendships.]

We had one of our first NAR organizational meetings at George and Doug McMullen's house in March 1965. At another meeting back at Northwestern High School, I was elected the section's first president. At a third meeting at the Prince George's Memorial

Library, the club passed a motion by Doug to call the club "National Association of Rocketry Headquarters Astro Modeling Section". Casey had moved the NAR HQ from Stamford Conn where it was being run by G. Harry Stine, to Vermont Ave in DC and the club was always being asked to provide the labor for mailings at Casey's house in Rockville, or at the HQ in DC. It seemed natural to call us the HQ's section and besides, the short version was NARHAMS (people always think they are clever with acronyms, don't they?). A bit later, we decided to establish a club newsletter, ZOG-43, of which Jan Blickenstaff was the first editor. This was the beginning... and the rest is a very rich history. Now you know a little background of the oldest, continuously operated NAR

Section 

April 2005 Astrobulletin

By Vince Pearman, NAR 75394

*** The Planets for April ***

Venus will begin its evening apparition during the month of April, Appearing very low in the western sky just after sunset, about halfway into the month. Venus will be present in the west as our "evening star" through Spring and Summer this year.

Mars rises in the early hours of the morning, and is seen as a faint orange light in the southeast before dawn.

Jupiter will be at opposition on April 3, meaning that it will be directly opposite the Sun as seen from Earth, and thus at its closest, appearing at its biggest and brightest for this year. Look for Jupiter, easily the brightest 'star' in the April sky, in the southeast, after dark.

Saturn is high in the southwest, in the constellation Gemini, after dark this month. Look for it near the moon, on the evening of the 15th.

*** The Moon ***

Last Quarter: April 1

New Moon: April 8

First Quarter: April 16

Full Moon: April 24

The moon will eclipse the sun on April 8, but unfortunately all we will be able to see here in Maryland will be the very edge of the sun being blotted out by the moon, during the mid-evening hours.

The evening of April 9th will be a good opportunity to spot an extremely young moon, if the sky is very clear and you have a good view down to the western horizon. After the sun sets, look for the razor-thin crescent (binoculars will help) in the vicinity of where the sun set. But you'll only have an hour or so after sunset, before the moon itself sets below the horizon.

The crescent moon forms a nice pairing with the Pleiades on the evening of April 11th, accompanies Saturn on the evening of the 15th, and appears near Jupiter on the evenings of the 21st and 22nd. 

5 years ago this month, NARHAMS celebrated its 35th anniversary.

Photo from the collection of Paul Miller.



Do You Remember..

ECRM-18 in 1990? Paul Miller took these photos of Paul Horning, Dave O'Bryan and Rusty Whitman at Middletown.



Calendar of Events for 2005

Mar 6- 1 - 2 pm Goddard Public Launch
Mar 12- 10 am - 4 pm KATE-3 section meet
Apr 2- 10 am - noon Cadet building session
College Park Aviation Museum
Apr 2- 5 - 10 pm Monthly meeting, 1/8A techniques (John McCoy)
Apr 3- 1 - 2 pm Goddard Public Launch
Apr 16-17- 9 am - 4 pm ECRM-32 regional meet
Apr 24- 12 - 4 pm Rockville Consortium of Sciences Rockville, MD
May 1- 1 - 2 pm Goddard Public Launch
May 7- 5 - 10 pm Monthly meeting, NARAM models (Chris Kidwell)
May 14- 10 am - 10 pm OPOSSUM-9 open meet/ night launch
May 21- 8 am - 5 pm TARC Flyoffs Great Meadow, VA
May 28-30- Balticon-39 Baltimore, MD
Jun 4- 5 - 10 pm Monthly meeting, fiberglass tubing (Mark Petrovich)
Jun 5- 1 - 2 pm Goddard Public Launch
Jun 11- 10 am - 4 pm Sport launch, cluster/staging theme
Jul 2- 5 - 10 pm Monthly meeting, open building session, focus on staging
Jul 3- 1 - 2 pm Goddard Public Launch

Jul 9- 10 am - 4 pm Sport launch, airborne trooper spot landing, special prize for 40 troopers deployed
Jul 10- 12 - 4 pm Goddard building session, open to public, tie in to Goddard Contest
Jul 17- 10 am - 4 pm Goddard contest
Jul 30 - Aug 5 24/7 NARAM-47 OH
Aug 6- 5 - 10 pm Monthly meeting, pirates discussion (Alan Williams)
Aug 7- 1 - 2 pm Goddard Public Launch
Aug 13- 10 am - 4 pm Sport launch, pirate theme
Sep 3- 5 - 10 pm Monthly meeting, elections, night launch discussion (John McCoy)
Sep 4- 1 - 2 pm Goddard Public Launch
Sep 10- 10 am - 10 pm Record trial, FAI S6A (A SD), night launch
Sep 25- 12 - 4 pm AIAA Picnic Launch
Oct 1- 5 - 10 pm Monthly meeting, leftover parts scratch building (Jim Miers)
Oct 2- 1 - 2 pm Goddard Public Launch
Oct 8- 10 am - 4 pm Sport launch, Oktoberfest theme, microbrew launch
Nov 5- 5 - 10 pm Monthly meeting, glider building session (Robert Edmonds)
Nov 6- 1 - 2 pm Goddard Public Launch
Nov 12- 10 am - 4 pm OPOSSUM-10
Dec 3- 5 - 10 pm Monthly meeting, holiday party
Dec 4- 1 - 2 pm Goddard Public Launch
Dec 10- 10 am - 4 pm Sport launch



Mike Howie preps his Mars Lander at GSFC, October 1992. Photo by Paul Miller.

Sport launches are held at Middletown Park from 10am-4pm, waiver up to 3.3 lbs and "G" motors not exceeding 62.5 grams of propellant. All flights "E" power and above are restricted to 5 degrees from vertical and between the hours of noon and four PM. Call ahead to confirm launch and waiver availability.

Business meetings are held at the College Park Airport Annex Building. Meetings begin at 5pm with building sessions or presentations and last until 10:00pm or so.

Questions? Call Club President Jennifer Ash-Poole at 410-674-6262 or visit NARHAMS online at <http://www.narhams.org>

ZOG-43

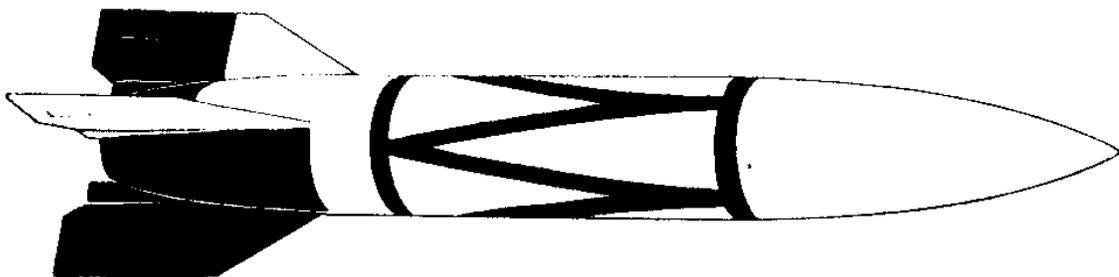
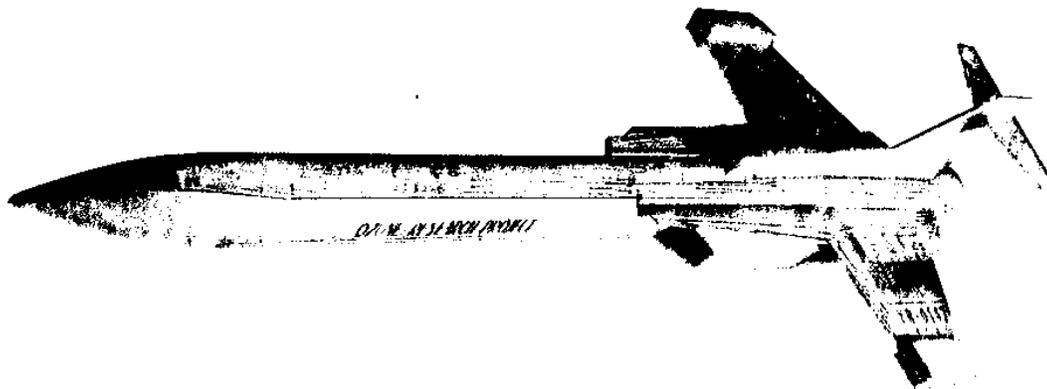
MARCH 1, 1994

Volume 16

Number 3

NARHAMS, NAR Sec. #139

Moving into our 30th year this month!



Contest Flying With NARHAMS



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Show your NARHAMS membership card and receive a **20% discount off rocket kits, motors, and building supplies!!**

NARHAMS Cadets, Class of 2005! We've got new faces in the club! When you see one of the cadets at a launch or meeting, make sure you welcome them to the NARHAMS family. Photos by Jennifer Ash-Poole.



Elliott Kunkel



Daniel May



Mike Lawrence



Gabriel Costen (and his sister, Viola)



Aaron David



Alex Coleman



Elizabeth Mehalick



Kevin Griffiths



Michael May



Daevin Hughes



Brandon Dumas



Alex May



Julie Strickland



Jeevan Hughes



April 1, 1965

ZOG-43

Vol 1, #3

Pub. by Act. Com.

? LAST ISSUE ?

Yes alas! ZOG-43 is probably going to stop its presses (?). If you think that is bad wait to you hear the reason for this. The head of the records & contest committee, Carl Kratzer, is now officially stating to everyone the facts that we are regretting to publish. Here is the official statement;

"Cap. Barnitz sent me a letter which I recieved the day of the 29th, this letter informed me that ...all points earned by NARHAMS members, Members of the other sections that have competed with NARHAMS, are herewith invalidated... (the points are invalid) This means that all the points you have earned this year are not any good, fortunately each member can start anew and fill up his quota of meets, (the contests we have already held do not count toward the quota). The other sections will only lose the points they have won in a NARHAMS meet. I am writing Cap. Barnitz a letter pleading that he count our points. Apparently the reasons for the disqualification were these infringements;

Rule one of the safety code (the older one that was in operation during our meets) I will obey the rules applying to Medel Rockets, apparently we violated some small law that was buried in the books.

Rule six, My medel rockets will contain a recovery device to return them safely to the ground so that they may be flown again. Apparently some of our rockets were not exactly obeying this rule.

Rule eight, I will fly medel rockets with adult supervision, upon areas away from houses, buildings, trees, and power lines.

Rule ten, I will always use a launching device that is pointed within 30 degrees of the vertical.

Rule thirteen, I will not fly medel rockets when they may endanger aircraft.

Rule fourteen, I will always act in a mature manner with safety uppermost in mind.

Rule fifteen, I will not engage in any operation (Climbing on buildings, poles, etc.) that may endanger myself or others.

That was the safety code rules wait to you see the pink book violations! Here are very few of the violations;

No flag. No weight ins or safety checks. To small flight area. Juniors operating the pannel and other pests they shouldn't have. Judges. You see, and there are many more. The reason for this problem was an anonymous letter sent to Cap. Barnitz, Cap. Barnitz knows the persons name but will not disclose it. CONT.

"DAAN ROCKET CLUB"

!!!!!!!!!!!!!!
 THINK ONLY YOU CAN PREVENT FO REST FIRES



NEXT ISSUE'S SUBMISSION DEADLINE IS MARCH 28!

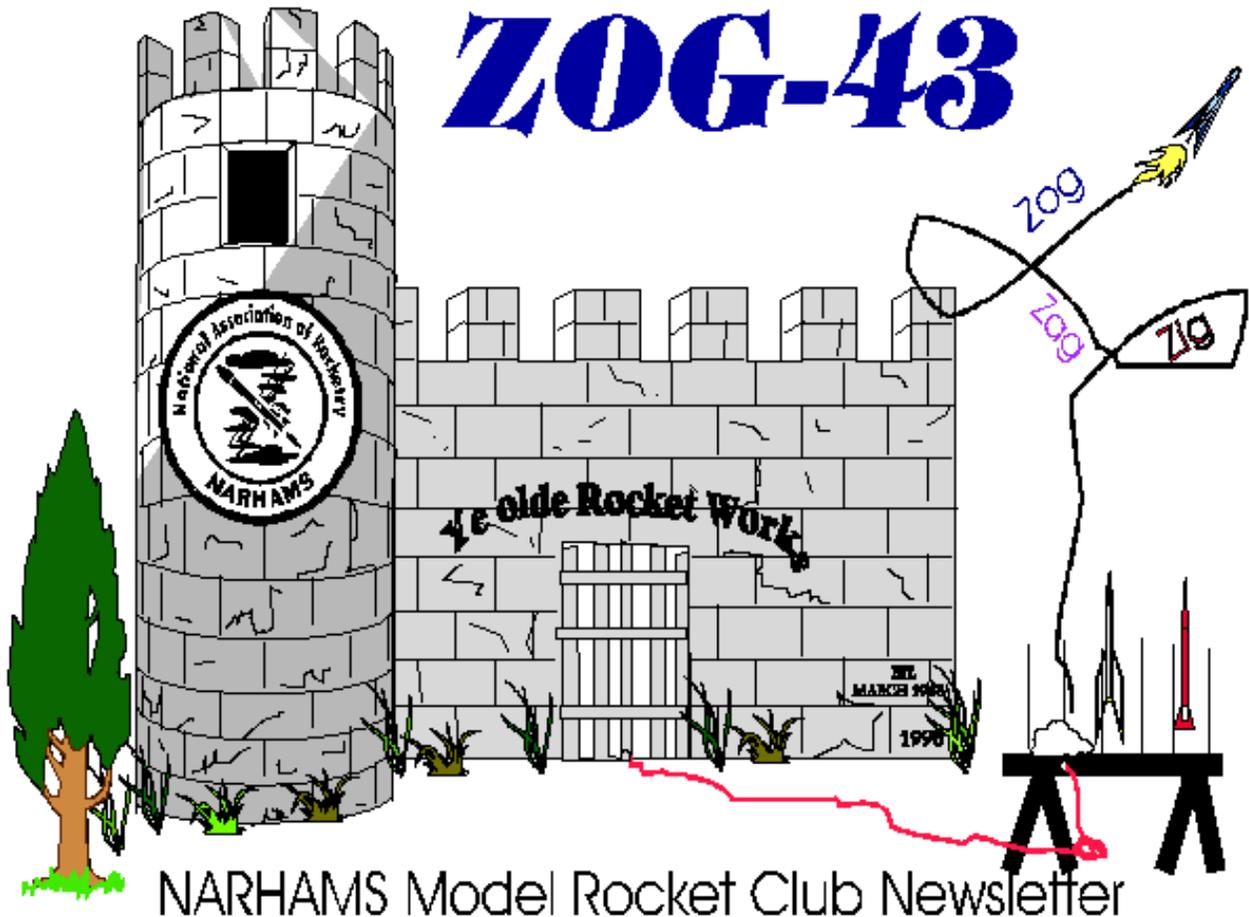
Apr 3rd
Visitor's Center
Goddard Space Flight Center
PUBLIC LAUNCH

Mar 12th
10:00AM-4:00PM
KATE-3 Section Meet
Middletown Park
SPORT/CONTEST LAUNCH

Mar 6th
Visitor's Center
Goddard Space Flight Center
PUBLIC LAUNCH

Launch Schedule

ZOG - FORTY THREE
5269 RIVENDELL LANE, APT 5
COLUMBIA, MARYLAND 21044



ZOG-43

NARHAMS Model Rocket Club Newsletter