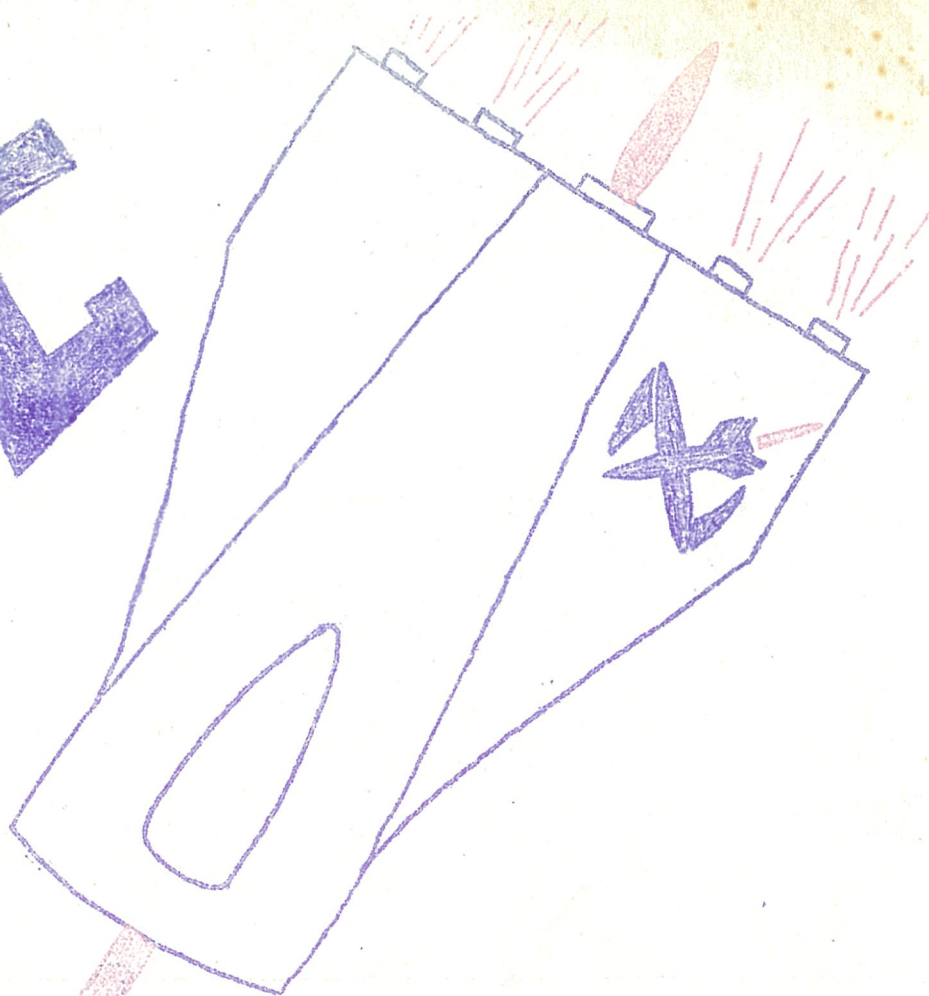


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ZOG 43

Zog 43, February, 1979
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Zog 43 is the official publication of NARHAMS. Subscriptions are available at six issues for a dollar. It is available free of charge to all NARHAMS members and other sections willing to trade.

All editorial opinions are those of the author and do not necessarily represent the opinions of the staff or NARHAMS. Get off my cloud.

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Zog 43
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Editor's Nook

Here we go with another fun filled issue of Zog 43! Like WOW! Far out! Who cares?

We are currently trying to get this rag out more often. This makes each issue kinda thin, though. If y'all will kindly send me an article once in a while we could get rid of this problem.

ECRM-13 is coming around in May. We expect to see everybody there. So be there!

COMING EVENTS CALENDAR

February 16: Workshop at
Peter Helt's

March 2: Business Meeting,
P.G. Community Center

March 16: Workshop at Paul
Croarkin's

March 18: Demo at Goddard

Marh 30-April 1: MITCON-XII

Model rocket convention,
Cambridge, Mass.

May 19-20: ECRM-XIII,

Camp A.P. Hill, Virginia

see ad elsewhere in this

issue or call Paul Croarkin

at (301) 424-8609 no collect
calls, either!

June 23: VACUUM-IV Open Meet
sponsored by NOVAAR. Attendance by NARHAMS has yet to be voted on. Events:

1/4 A R/G

1/2 A B/G

A H/D

A B/G

A S/D

A P/D

A Alt.

C E/L

NARHAMS POINT TOTALS

NAME	DIV	PTS	RF
Dave Glatt	B	261	3
Paul Croarkin	B	144	3
Jim Wilkerson	A	120	3
Peter Helt	B	60	3
Ed Pearson	C	27	3
TOTAL		612	3

ESTES NEWS

The new Estes catalog is out. The big news is that the Camroc's replacement has finally been finished. It's called the Astrocam 110 and sells for \$15.00. It is also available in a starting set up with launcher, wadding, engines, etc. Unlike the Camroc it takes regular 110 film that you may have processed at the local drug store. This causes a problem, though. If you lose it on your twelve flight you've lost the roll of film from your previous flights. Estes has also come out with a Battlestar Galactica kit.

the Colonial Viper. The other new item that I noticed was a Maxi-Brute version of Der Red Max, aptly dubbed ~~the~~ Der Big Red Max. It's over two feet tall and comes in a starter outfit for \$16.95. That's it from Estes this month.

The National Air and

Space Museum is adding a new wing on "Fun Flying". It will include exhibits on kites, model airplanes, and (you guessed it!) model rocketry.

Various NAR members have been building models for the rocketry display. Ole Ed has built what has been called "a very nice looking" Alpha and is working on a Black Widow. Don Carson is building a Mini-Dactyl as Paul Conner has built a CMR ELO and CMR V.I.P. John Langford has donated the Athena that he took to Bulgaria along with the Biedron/Langford Javelin. Greg Kennedy is doing

an LPV Scout. There will also
be building the Omega that is
to hold the Cineroz donated by
Estes.

The Alpha that Ole Ed is
building will be used as a
"before and after" display with
the contents of the kit lain
out besides it.

As of yet, the kits that
will definately be displayed
haven't been chosen.

Recently the Board of Tr-
ustees met in Chicago. One of
the things they discussed was
the re-shaping of NARTREK.

They are concerned with
people not getting into the
program due to its high price.
They are proposing to lower
the price of joining the ser-
vice to 50¢. After achieving
each level the participant will
mail in a nominal fee to cover
the cost of printing a certifi-
cate. The certificate would
be given out instead the patch

as is the current practice.

There is also talk of having a
choice as to whether you want
to do a Camroc type objective.

If you're musically tal-

ented, talk to Jason Meyer. He
is forming the NARHAM.

NARHAM stands for the National
Association of Rocketry Head-
quarters' Astro-Marching Band!
Anything from a Kazoo to the
saxophone can join. That is,
the players of those instra-
ments, not the actual instram-
ents. I hear piston launchers
make great musicl instraments
if played carefully. Don't
burn your lips!

Recently, Jim Bellingham,
a NARHAM living somewhere in
East Asia at this moment, won
a contest sponsored by West-
ing House. He won it with a
paper on some aspect of astron-
omy. Congratulations, Jim!

Did you know:

"The Aloha that Old Ed is

1) There was one man in space who was only 29 years old - he was neither a U.S. or Russian citizen.

the contents of the letter were picked in 1967, not on
the space shuttle program.

3) There was one U.S. astronaut who died coming back to Earth during his mission.

Answers can be found on page 7

MARS-XIII

The latest MARS meet began on Friday, October thirteenth. NARHAMS rolled into Aberdeen with Ole Ed, Jim Wilkerson, Dave Glatt, Peter Helt, and Paul Croarkin in attendance.

Dave, Paul, and Pete were suckered into driving into town to pick up the egglofting eggs with Contest Director Tony Medina. Tony turned out to be the sucker, though, when he was subjected to Korxt's dring habits.

Saturday morning we were surprisingly well rested. We had decided to get some sleep at this meet. After a Mickey Dee's run, we headed for the field. Setting up the range was easy except for the flag pole, which wouldn't stand straight. Most of our range assignments were in the morning.

Who cares about all these insignificant details anyway? It's been six months anyway. Let me just say that we came in second to NOVAAR. Jim Wilkerson took a first place in Hawk B/G with a Scissor Wing Transport at his first meet! Ole Ed, for the first time in years, competed and took a place. Paul Circarkin won Sparrow B/G, Peter Helt took a place in eggloft and Dave Glatt won too much stuff, taking the "A" division title. (So, I can't type, what you gonna do about it, bud?)

1) Vladimír Remek, a captain of the Czechoslovak People's Army, flew aboard Soyuz 28 on 03/02/78 to become the first non-American, non-Russian in space. He was born on 09/26/48.

2) Major Robert Henry Lawrence, Jr. was chosen as a member of the Air Force's Manned Orbiting Laboratory in 1967. He was the first U. S. black astronaut candidate selected and held a doctorate in nuclear chemistry from Ohio State University. He died December 8, 1967 when his F-104 jet collided with an XR-70 over Edwards Air Force Base.

3) USAF Major Michael James Adams died near Edwards Air Force Base on November 15, 1967 when the X15 he was piloting crashed after obtaining an altitude of 81 kilometers. The astronaut rating is earned after one achieves over 80 kilometers. He was one of eight X15 pilots to achieve the rating.

Source of data:

U. S. Congress. House. Committee on Science and Technology.
Astronauts and Cosmonauts Biographical and Statistical Data.
(by Science Policy Research Division, Library of Congress).
Report, 95th Cong., 2nd Sess. Rev. May 31, 1978. Washington:
Government Printing Office, 1978. Cf. pp. 139, 142, 156, 214,
and 248.

PINK BOOK UPDATE

It looks like the Pink Book, more formally known as the U. S. Model Rocket Sporting Code, has finally been revised. The new edition should be out by July the beginning of the new contest year.

The biggest change is in the infamous Return Rule. Under the new rules you'll be able to fly two models and lose one. Dual Egglifting is being dropped and a Spart Scale event is being added.

ECRM 13

May 18, 19, & 20

Camp A.P. Hill
Virginia

SCALE		EAGLE BOOST/GLIDE	D&E
MERCURY DUAL EGGLOFT	E	CLASS 3 STREAMER DURATION	C
SPARROW BOOST/GLIDE	A	SPARROW ROCKET/GLIDE	A
HAWK ROCKET/GLIDE	C	CLASS 0 PARACHUTE DURATION	$\frac{1}{2}$ A
		DINOSAUR SUPER ROC	D

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BE THERE !



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