

ZOG 43

OCTOBER 1967

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NEW OFFICERS

On September 15, 1967 new club officers were elected by the membership. They are as follows:

Bob SingerPresident
Ken GuthrieVice-president
Carl KratzerSecretary
Doug McMullenTreasurer

New committee chairmen have also been appointed. They are:

Bruce Blackistone ..Transportation
Chuck GordonCommunications
Alan SwiftRange O & M
Carl KratzerContest & Records
none (yet)Activities

Any member interested in becoming the chairman of the activities committee please contact Bob Singer right away.

NEW NAR TRUSTIES ELECTED

At NARAM-9 this past summer new NAR trustees and officers were elected. The voting was done by those Senior and Leader members who attended the NARAM.

The following are the new NAR officers and trustees:

Atwood.....Secretary
Barrowman
Beetch.....President
Belkiwitch
Butterworth
Guill
KirchnerContest Board
Kukowski
Ley
RichTreasurer
Stine
ThompsonVice-president
Worth

The term of office is three (3) years.

WARS to MERGER with NARHAMS
by Carl Kratzer

The Whitman Aerospace Research Society, because of a declining membership, has decided to effect a merger with NARHAMS.

WARS, which was formerly headed by Mark Mercer, is the section which designed and built the subsonic wind tunnel now located at Walt Whitman Senior High.

If the merger is carried out all range equipment that was built and paid for by WARS would become the property of NARHAMS, but the wind tunnel, being funded by the school board and other organizations, would remain there as school property. NARHAMS will however become responsible for the use and maintenance of the wind tunnel.

(Cont. on page 2)

NAVY DAY

On October 28 & 29, 1967, the "NAVY DAY" celebrations will be held at Andrews Air Force Base.

The National Association of Rocketry, under the direction of the Annapolis Association of Rocketry, will be giving model rocket demonstration launches on both of these days. These launchings will be of a half hour duration each day and will be flown as if they were regular contest launchings.

Every rocket will either be tracked or timed (or both) and the result will be broadcast to the spectators after each rocket is fired.

Three main types of participants are asked for by the AAR from any of the sections in the Washington D.C. area, all of which are participating in this activity. These types of participants are:
a. Officials- these people will handle tracking, timing, data reduction, firing and other related activities.

(Cont. on page 3)

(merger continued)

The school club charter has been renewed and those NARHAMS members attending Whitman High School will continue to meet periodically to serve as a liason between NARHAMS and the school administration. Carl Kratzer, a senior at Whitman, will probably take on the responsibility of the wind tunnel supervision.

It is my feeling that both the model rocket manufacturers and model rocketeers could greatly benefit from results of wind tunnel experiments and it would be very beneficial to the club to try and conduct a research project with it. I believe that the wind tunnel can greatly aid model rocketry if it is used responsibly by our club.

The author of this article cordially invites all NARHAMS members, and any other interested persons, to submit any ideas about possible uses of the wind tunnel.

Send all comments to:

Carl G. Kratzer
7201 Selkirk Drive
Bethesda, Maryland. 20034

H Q S M - 8

Head Quarters Section Meet #8 will be held on November 4, 1967 at the GSFC Antenna Range. The meet will be flown under the rules provided in the new 1967 "Pink Book."

TIME: 11:00 AM

EVENTS: Class I Parachute Duration
Design Efficiency
Egg Loft
Sparrow Boost Glide
Scale

REMEMBER Engine classification system has been changed. Be sure you use the right engines for each event.

Doug McMullen Says,
"Get those dues paid up"

D A C INITIATED

The Leader Advisory Council is a group set up at NARAM - 9 whose purpose is to aid the NAR trustees by providing a liasion between the trustees and Jr. and Ldr. members, as well as helping to utilize Jr. and Ldr. talent in worthwhile projects.

LAC members are:

Audin Percio
Apt Sadowski
Pearson Stanford

The advisor for the LAC is
Jim Barrowman.

FINAL POINTS STANDINGS 1966 - 1967

Kratzer Team	554	*
Bob Singer	406	*
Bruce Blackistone	386	*
Barrowman Team	235	*
Chuck Gordon	170	*
Paul Connor	124	
Ed Pearson	75	*
Paul Horning	65	
Andy Elliott	53	
Doug Frost	50	*
Jan Blickenstaff	35	
Bob Kaplan	33	
Putnam Monroe	16	
Doug McMullen	16	
Bill Kendrick	16	
George McMullen	16	
Jerry Grossman	10	
Alan Swift	6	
Rick Servations	6	
Farrell Becker	6	
Kirk Murrel	4	
Tom Ronane	4	

TOTAL POINTS 2286

The (*) indicates those members who attended NARAM - 9.

The Editor of ZOG 43 invites the members of NARHAMS and of the NAR to write and submit any articles or information for publication.

Please send your contributions to:

~~Editor~~ ZOG 43
c/o Chuck Gordon
192 Charolette Drive
Laurel, Md. 20810

(NAVY DAY continued)

b. Launchers- these people will actually be flying their rockets. All rockets are to be ready to fly when you get there. Completely Ready.

All rockets will be safety checked before flying, just as in a real contest. Be sure, if you plan to participate, that you bring only birds that have already been flown safely before.

c. P.R. personnel- these people will be situated at a display table or booth which will have publicity materials for the NAR.

Saturday Launching 3:15 to 3:45 P.M.

Sunday Launching 2:45 to 3:15 P.M.

All persons interested in participating in this activities please contact your section advisor who should then contact Mr. Robert Atwood of the Annapolis Association of Rocketry.

M A R S

On September 16 & 17 the Star Spangled Banner Section was host to 51 contestants at the Mid-Atlantic Regional Shoot, held at Aberdeen Proving Grounds, Aberdeen, Md. When hurricane Doria came on the scene the meet was almost called off but hardy souls from NARHAMS, SSB, UFO, and AAR continued to shoot, prompting one wit to re-name the meet MARSH (Mid-Atlantic Regional Shoot in a Hurricane).

MARS(H) was actually held as an area meet because no members from any of the out-of-state sections invited attended, due to the inclement weather.

Contest results for MARS will be found on this page in the opposite column.

GOING FAST GET THEM NOW

NARHAMS buttons are still available from Chuck Gordon, your friendly neighborhood button salesman, for only 5¢.

LIMITED SUPPLY HURRY

MARS WINNERS

I. Chute Duration:

Junior-
1. Albee/Miller Team
2. Alan Swift *
3. Bob Jones
Leader-
1. Paul Connor *
2. Ed Pearson *
3. none
Senior-
1. Jim Kukowski
2. none
3. none

III. Hawk B/G:

Junior-
1. Barry Kukowski
2. Bob Jones
3. Carol Yung
3. Mike Hamilton
Leader-
1. Buck/Gercio Team
2. none
3. none
Senior-

no winners

V. Pee Wee Payload:

Junior-
1. Alan Swift *
2. Albee/Miller Team
3. Cherney
Leader-Senior
1. Barrowman Team *
2. B. Blackistone *
3. none

II. Swift B/G:

Junior-
1. Berger/Glass Team
2. Albee/Miller Team
3. Mike Hamilton
Leader-
1. Paul Connor *
2. B. Blackistone *
3. none
Senior-
1. Jim Kukowski
2. Barrowman Team *
3. none

IV. Class I Altitude

Junior-
1. Berger/Glass Team
2. Mike Robinson
3. none
Leader-
1. Paul Connor *
2. Ed Pearson *
3. B. Blackistone *
Senior-
1. Barrowman Team *
2. none
3. none

VI. Scale:

Junior-
1. Berger/Glass Team
2. Doug McMullen *
3. Kratzer Team **
Leader-Senior
1. Barrowman Team *
2. Buck/Gercio Team
3. B. Blackistone **

(*) indicates members of NARHAMS.

Section	Points	Standings:
#1 NARHAMS	330	points
#2 SSB	252	points
#3 UFO	204	points
#4 AAR	16	points
#5 Mike Robinson	10	points

* * * * *

This is the first contest where an NAR member flew without being a member of another section. Congratulations Mike.

NARHAMS WINNERS at NARAM - 9

NARHAMS members took 11 contest places at NARAM-9, which was held this past August in Mankato, Minnesota.

JUNIORS:

Chuck Gordon

1st Parachute Duration

3rd Spot Land

Kratzer Team (Carl & Steve)

3rd Research & Development

3rd Plastic Scale

3rd Aerospace Systems

Bob Singer

2nd Research & Development

LEADERS:

Bruce Blackistone

2nd Aerospace Systems

3rd Plastic Scale

Doug Frost (NARHAMS first honorary section member)

3rd Class I Scale Altitude

SENIORS:

Barrowman Team (Jim & Judy)

1st Swift Boost Glide

2nd Scale

NEXT ISSUE

The Adventures of B A R R O W - M A N .

Also Coming : The next instalment of " Atilla of NARHAMS ".

PUZZLE PARADE

Here is an old puzzle and an easy one. The diagram shows 9 dots in a square.



Draw 4 straight lines so as to cross out every dot. You must not cross any dot more than once, nor retrace any line, nor lift the pencil from the paper until all 9 dots have been crossed.

BITS and PIECES

At this time the members of NARHAMS who attended NARAM-9 would like to thank Dr. Ellsworth Beetch and all the members of the ZENITH section for their hospitality and help at the NARAM. We would also like to commend them on the fine way in which they set up and handled the running of the meet.

To all of you, "Thanks."

It was discovered at the NARAM that the points acquired at HQSM-7 were not accepted by the NAR contest board. We have been unable to find out why this is so, but this may account for any discrepancy any of the members may find in their own personal records.

SPECIAL NOTICE

The Balsa has now arrived. The Balsa will be on sale SOON. REMEMBER**** only voting members will be allowed to buy balsa.

ZOG 43 is an official publication of the National Association of Rocketry Headquarters Astro-Modeling Section

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