1974_JAN_NL January 1974 - My thanks to Chuck O'Donnell for passing these along.



AERONAUT'S

JANUARY 1974

CHATTER

NEXT MEETING

January 15th at 7:30 PM.... NOTE the NEW LOCATION, LAURELWOOD CENTER AT 2700 COLUMBIA STREET. If you get lost Duesday night, call 687-5362.... If anyone finds the place, they will answer the phone and tell you how to get there. Assuming they know how they got there in the first place.

More good news..... Jack Burg says he will have movies this time or a little lady from the Airforce film library will come down and explain why they can schedule thousands of jet flights every day but can't send us one film per schedule.....

The new officers take over this month.... Ray says most of the Jan. meeting will consist of acceptance speeches by outgoess and incomess. If I don't show up until the films start, you will know why.... too many tarkees.

The Club takes this opportunity to thank Leon Easley and his employer, Spear Jackson Inc., for their hospitelity during 1973. We appreciated the facility and the sharing spirit... many thanks.

DUES ARE DUE

Elsewhere in this fine rag you will find a statement for club dues. Only \$12.00 per payable at, on, or before the January meeting. Those of you unable to attend should follow the instructions on the statement and mail your check to Frank Bell. If we don't receive your money, we don't expect you to fly at club flying sites until you pay... fair enough????

RAMS SYMPOSIUM

Several groups from our club are making plans to attend this "indoor" affair in February. If you can go, don't have QAS or a ride, ask around at the club meeting.... all it will take is a 5 gallon can of gas. See page elsewhere in the newsletter for details on the symposium. It is alot of fun and your wife can buy nice things in Seattle too.....

HAPPY NEW YEAR

At least two club members are up to their hip pockets in helicopters, they will remain unidentified as their wives may not realize how involved the hip pocket is, and will soon be flying.... de would all be better off if the Hodel Magazines would quit printing prices in the advertisements....

WHAT IS YOUP EACUSE FOR NOT USING A MUFFLER??

ACADEMY OF MODEL ASRONAUTICS 800 FIFTEENTH ST., N.W., WASHINGTON, D.C. 20005

MONTHLY MAILING NO. 83 DECEMBER, 1973

Page 4

ELECTION REPORT

For the first time in many years an AMA election for the national office of Secretary-Treasurer was hotly contested. Incumbent Earl Witt of Chambersburg, Pa., barely nosed out former AMA President, John Patton, of Frederick, Maryland, by only 124 votes out of a over 4500. There was also a tight race in District III for the position of Vice-President: Incumbent Ron Morgan won out over Jim Slater by only 72 votes out of almost 800.

The Voting Breakdown:

District	Witt	Patton	De 1
I	188	152	C. Piper - 372, A. Novotnik - 51, Misc 5
II	311	254	
III	445	251	R. Morgan - 430, J. Slater - 358
IV	137	314	
v	177	198	J. McNeill - 438
VI	249	261	
VII	209	182	J. Josaitis - 321, C. Spencer - 155
VIII	166	147	
IX	88	81	S. Chilton - 191
х	298	284	Constant and Constant
XI	93	97	H. Smith - 146, R. Carson - 96
	54	-69	
	2414	2290	* undesignated districts

REMINDER TO CLUB OFFICERS

1. Have you sent in your renewal for your club charter, \$10.00 Basic Fee?

2. Have you applied for site owner special coverage for 1974?

3. Have you had a change of officers, or officer's change of address?

Please act promptly on these items if they apply to your club.

Note: AMA HQS often have new groups planning to form clubs and they ask AMA how others organize their clubs. If you can share a copy of your club's rules, guidelines, Constitution & By-Laws, please send to AMA HQS., ATTN: EARL DENNY.

NEW CLUBS SINCE 11/20/73 - 12/3/73

HARRIS HILL LIFTOVER DRAG WEST WINDSOR FLYING CLUB SO. KY. MODEL AERO CLUB NORTHERN VALLEY SPORT FLYERS R/C SPORT FLYERS	Nev. NJ. Ky. N.J. Mo. Mi.
	WEST WINDSOR FLYING CLUB SO. KY. MODEL AERO CLUB NORTHERN VALLEY SPORT FLYERS



. AEAUBATICS MANUEVER SCHEDULE/DESCRIPTION

TA1 world Championships and intermitional contexts, the menusur-ics which follows is not effective until 1978. However, the new Jule is effective in 1979 for U.S. purposes-denotitions in the Pettern class of ATA Class D, and for tean selection convertilions. Interver descriptions printed here are subject to revise and pas-e change by the Class filters, beau on AT Subcondities recommenda-is, when the officers meet is April 1974. int h

13.1 faberings. The midel much shard much on the evaluat with the evaluation conting extract being build by the pithol or bestruct are such than take off. The hadronic about he structure and the redel obtails lift perturb represent and finite at a gradual angle. The take-off is obtained by the model is latered ap-proximately to depress out of the take-out puts. The natural sector of the take-ent at least our point for and of the following measure. I. Model does not stand will write re-mensed.

Jessed.
B. Charges in feeding during run.
J. Hotel "jurgs" from ground.
4. Networking the ground efter ter

Teo steep a clim wight

1.1

6. Callege in elevation during plant. T. Changes in feading during class.

 Inciding a sing tip.
 best not turn approximately 90 de grees out of the takenoif path. 8 = 30

groups dut of the takenoid path. If = 10 13.3 <u>Figure 10</u>. The mean states in screents and level flight, pills up into a variest stringde, then parforms a half roll flicht GB rippel them a stall turn flight GB rippel turn and stall turn flight. The model that makes tail at not-mice long pilling or paths to meetical flight, performs a third taif roll and a meeter state to the separate direct direction flight and flight that append direct direct up to the first stall furn, dues fourth rais and handling in the experite direct rules and handling in the string transmitter the state the first stall furn. More furne to the first stall furn. More rules and handling in the string transmitter the latter 'W'. The necessar should be down predict so the following reasons 1. Fold set lowed as start.

Nodel not lovel at start

 Does det betone vertisal.
 Changes Reading during helf salls.
 Turne padrup et top ef stall turn greater than two Ming space. 5. Yush at boy of stall turn less then

Description
 Device and elimitics paths out

Bettoe of Lowested position at

Actual trade to energy.
 Algorithm for accord shall tarm different from first shall have
 Nodel is not at rane altitude as

407.0 10. model not level at finish of

Tidea Fisitivitary Engl. Fodel starts is straight and invel flight, pills up take at inside long and non-tinues units teading deriver at a 43 der press, does buit coll lists on signal followed by another inside long, at 45 degrees, codel jose another half roll is same directions at finds and recovers on the some directions at finds and recovers on the some directions at setup. The mission direction as entry. The mission direction as entry. The mission direction as entry.
 Indep and recover.
 Indep and recover.
 Indep instants half are piges.
 Heidel not a to be degrees at sum-menument of half roll.
 Is indep long not save dimentar as fight some.

leap. Brushi Luop deviates left or right. Broand Loop not at wave attitude an *

first twop. 5. Betood half roll ass as 4% degree

5. hadet not lowed at finish of ma-

101-011

10. Meriel does not finish on sume heading and altisude in entry. 3 x = 10

1.4 Diale Indexession of Stryp. 3 - 1 1.4 Diale Indexession of Stryp. 3 - 1 Logit. Stript. pilts up into a bait lang. Solicest by a holf coll facts a bait into them stripts and lower berg. Solicest by a Sait coll on any discourse as free held talk and notween on the tare head-head talk body as corry. The memory should be downpredid for the Colloge as the Sait Strength of the Collowing Constant. 100

stands 1. model ogs lovel at start. 2. sudd hoog deviates telt af sight.

4

Malf roll does not commune involutionally after helf long.
 Malf roll long.
 Malf roll invokes (with or right.
 Malf This long that the does devel uptight before constraints half long.
 Second helf science long does at stand or tight.
 Mannet helf science long does at single of tight of the science long.
 Malf roll does not commune involve long afficient helf science long.
 Malf roll does not common involve long of the tight helf science in mane for rolling at tight helf science in mane for rolling.

polle. 11. Model for latel at finish of ma-

12: Nodel thes not finish on ears K = 10 Weating and altitude or attry.

twelling and alticule ar array. K = 10 13.5 <u>Glow Hell</u>, bost starts in laws fileds. News redis storage for the conjunt strated. And in the strategy for the approximate the of foul to be fire second. The measure should be dest incoded for the filestop reserve. J. Model Not Level A. start. J. Model Array are grant. J. Model deste presponse. J. Model deste not roll samtly one resplay. J. Model does not roll samtly one resplay.

4. Model does not that first seconds or seen link that seconds to regulate the link bit seconds to regulate prill. All is three first second three seconds of second first second the link bit of seconds. E. model not level at fields of seconds.

resever. 7. Nodel down not finish on same beat-ing and eleitade as entry. 8. = 15 8. + 25

11.4 <u>Three Outside Loops</u>. Note: starts in less: flugt, then fair fairs to in-verted position, fligs for agressisately too to two seconds than completes three the to bes seconds then completes three subjict loops, model that flues for a farther was not to second invested be-fore haif selling has to level flight, reconstring on the same healing and alti-tude as the entry. The measure should be descripted for the following remeasan 1. Model new level at start. 2. First loop not remed. 1. Loop deviates left as right. 4. Wings not level at finish of fight loop.

loop. 5. Model not at besw eltitade as e Model not be many standard bending.
 Andal drifts or charges bending.
 Standard of inserval inserval information from thret.
 Becond loop not sound.
 Loop deviates into or right.
 Wings not level at finish of second level into the second level.

Sacood Long not at same altitude

as first book 13. model drifts on charges baseling. 13. Disasters of third loop different from first and second loop.

This Take-off

Tinish

30

Tinist

13,13 Registrat Polls

68

25

9

CLASS?

13.5 Slow dell

13.7 Four Febrt Roll

E

Lyim

13.0 Invide Loope

icint,

107.

-

there long not round.
 foop designed laft or right.
 ing mar layer at finite at minit

Loop. 17. Third Loop put at new alternals an

first and second loop. 10. fodel drifts or changes beging. 10. fodel drampes beading dailing half

+41.14 7. Mires and level before and after

part of 22

Nings and level herein an information with solid.
 Nin works I is not lowed during straight part of indexted filipt.
 Time takes for the straight term within some second or more then takes an and an any second or more than takes another.

11.7 From Peters Build. Head sharts in Level Fright then solid one complete sohere's fright they main and complete no-traine small string at cost quarter is rain-tron. At each heatstics the singe will be parallel with our samp degrees (s, the late of flight. Note: respects (s, the same heating and schicule as a scrip), the manescost should be deen-graded for

the following reasons: 1. Model not level at start. 1. Quarter colls note or level Lens War. 50

degroes. 5. Medal does not heritate after anot

ries publ. 4. Auli vate not constant during each 44

quarter. 5. hodel takes loss that four or note that complete roll. Holl Node: Likes and the point of new the six seconds to copiets molt. Poll is timed from when the wings "areas" free lowed flight within they became lower explited and of Sacaravan.
 Nodel not level as finite of me-

HEAVED T. Rodal does not finish on same head-ing and alkitude as ackey. K = 15

13.4 Three Trails Longs. Taddi starts is level flight, pills of and completes three frails loops recovering on the same hashing and alcouds us the strin. The manuser whoch is down-graded for the sillensing residence. 1. fodal for lawel at start.

Ξ.

First loop not cound, loop deviates laft or right. Wings not lavel at finish of

of direct 1999, 5. Auget for at same altitude as en-

Addet nov. as the suggest feading.
 Substanting or changes feading.
 Substant of second loop different from first.
 Supervising loop not trund.
 Easy services left or right.
 Supervising lot level at finish of second loop.

11. Second loop not at same altitude

Birst Date.
 Hodel drifts or charges heading.
 Diameter of third loop different from first and second loop.

14. Enird loop not round, 15. Loop Covists left or right. 18. Wings not larel at finish of third

Murge ber at same altitude as int, third loop set at same altitude as forst and samond loop.
 is woodel drifts or charges baseling.
 is woodel drifts or charges baseling and al- 18. Woodel not on same beading and al- 18. Woodel not on same beading and al- 19. Woodel not on same bead al- 19. Woodel not on same bead al- 19.

31.8 <u>Engit Pairi Rei:</u> Audei starte in lawst flight, then cells use complete so-tation healthing at each sight availu-tion. Each sight, soll to be 45 features, at each besidenion the winy will be perailed with, 45 or 30 degrees to the

Start

13

ð

17

13-10 Rendse fight

Armin

13.3 Figure 's'

Frag

13.6 Dotsids Loops

Line if flight. Fudel recover de same bestary man stinde as estry. The ra-prover should be dest-graded for the fil-Томило туданови

Model son Level at start.
 Total does not heartate after each

warth chill. 3. Reptty calls word or last that dh (Hugeves

Pail your Ant constant daring same

6. Full rate and constant faring form signar will. S. model takes less this four or more than six seconds to complete soil. Kull is thend from then winys brank from level Elight intil they become level again as such of machanese. S. Acade not level at finish of ma-ments.

Acidsh not level at finish of me-factors.
 Nodel does not finish to same bashing wid allitude as colors.
 8 = 13

ing wid dilition as toley. 8 = 13 13.15 <u>Staning Eight</u>. Model starts in lawel Elupit and completes on and down quarter stalde loop futuring at inter-mettion. Model the does not and then particle. Model the does not and then particle index, the model particup the directorization three lines. Model then re-drawns to the same heating, although of a hover altitude than starty. The manager months be down-gradual for the following monome:

L. Model not level at start.

DROWN.

foilowing research

man Tielat

L1.2 Daine Kight

Number of the second

15.17 Deg Zat

(start

13.4 Double Inveloans

dering rolls.

tions.

Tirot loop of meads
 Tirot loop of meads
 Tirot loop deviates late or stati.
 Tobal does not beside westight at

 Note: copy and prime during at intersection.
 Becord loop not round.
 Becord loop deviates laft we right.
 Town not become variable at intersection;
second loop out at sume altitude as first loop;
b. Decord loop out the name diameter of first loop;
10. Removed and third intermachine do not extrained with first.
11. Nodel not loopil at finish of me-marrow.

13.11 <u>Types Surjectial Bolls</u>, Andel starts in Toyal Flight, then rules at a unifier note through these couldna note-three flights on the same heating and altitude as every. The same heating and altitude as every. The same heating and altitude as every.

aging the down-straded for the

1. Nodel not level at start. 2. Nodel charges basing or altitude

Null rate not saiform.
 does not will exectly these permis-

5. Nodel takes less than four or more Andel takes least than four at mu time at another to complete poil. In is tired from when steps "irrest" from lawed finght ortil they become leave leaden at and of manawar.
 Andel not leavel at and of manawar.

x = 13. 13.12 <u>Top Mat</u>, multi-distribution is level flight, pulli up into a vertical artitomic time performs due complete rull and re-gains level Glipht on the same beading and the entry. After a short apright level flight apprecisation while the distance of the entry after a short apright level flight apprecisation while the distance of the entry is and does another complete rull, flightly rendering level flight are the many headling and altitude as the en-try. The many art should be down-graded for the following reasons 1. Next, ret level at start. 2. Climb and shill are ret vertical.

13.14 spin-Three Turns

Figliph

12.13 Relling Bight

rinteh

33.8 Elight Noting Media

Start.

٢

30

(4)

۲

0

First all

30

De13

h What fit Land Before of other

estie: 4. fil-1 dive not patein based where

repairing lows, flippe after each. 5. Second roll not version. 5. Mells not of none learny. 7. News not served at firling of sho

ferent, 8. Andel Ales not fixed to pass back-key and situation as entry. F=25

ing and a little as entry. P = 15 13.13 <u>Solicy works</u>. Xeak stores in booms little, that will not a stores and and more than a store of the solution of the books of yours distance in a store data which is an entry in the solution and data which is an entry in the solution of the solution and addition as the store along bealing and addition as the store. I, solution entry is stored. For the failed of the solution lafe or which define first half will. 3. Wool definition of the sign darking first solution.

first canality boon.

4. Leop for sound. b. bligh nut level before and after

and Raid modily

A. Shall Any Any first primition during second built gets.
 Provide last p.5 (reweller-up prime

final. 0. fight deviation beft or right during

Second Loop Not House.
 Second Loop Not House.
 Second Loop Not House.
 Second Loop Not Loop Not Second.

over. 11. Nulei doeg tot finish on sume aming and electede as colty. E = 10

13.14 <u>Reinvolverse Furns</u>. The model ad-tablework a backing disposition by flying Reinlast and level, public up over a statil and constructed the spin through the level. times turns and recovers to level flight on the sume teeting as the inicial flight distribut. The judge much matter cares Daily to be such this is a main and not a worting thele or a spiral dive. The spin may be downegraded because:

1. Initial heading is not level. 2. Conservement of first spin is

aloppy we ensertant. S. Deve bat data

5. Done not do assorily trops cores. Loss than two or more list from horns

FAI PROVESTIGNAL RULES FOR RC THERMAL AND SLOPE SOARING -- EFFECTIVE 1924

L. SECOND. HOLES.

a. Association letter 1.1. Behaviour of a factor-instability disks, Weeki algoing which is not provided with a propolation further and in which lift is propolation further and in which lift is provide by an exploring factors at the probability of instability from Life and probability of priority of area comply with the apalithmeticus of an the merides and in machine definitions of an ending with the apalithmeticus of an the merides and in machine and minime cells. The models must be controlled by the pri-let and the antipathetic of generative and and the antipathetic of generative and must be anyoted at distance by model optimil. dadia managel.

1.2. Spinition of a Reduc-Contential Gides with Annual Proven INC Measure Bidger). Model anythese to which the Spirit is provided by a plane to page any quite. In other characterisation type with mass emiform to the definition gaves in 1.1.

The slopping of the orgine run by radio control is allowed.

1.3: <u>Erefabrication of the models</u>. <u>Dermining</u>, models which are assessed by the during are prefabricated parts and is which the incider installs the

and in which the mainlest tensais the equipment. Next Symplectic models which are con-plemently prefericed and require only a few minutes of exhibite affect for their completion or sociate restyrate(by cod-als which have been build by a person other than the gipt.

1.4. CIRCECTARIATION of Andle-Constration

Gliders. (1) Compon churacteriatics.

Fastmen purface area (Sti--150 da? (2.335 eq. 170.1. Saminan Hydrog mana--5 by (11.02)

184.2.

Londing on the 60--setures 12 and 75 g/ds2 [between 3.05 and 34.51 ces. per

ISIN Additional characteristics of at MedicapileDeaps Subject States of angles-2 cm³ (132) doi. to:1. States flying mane--1000 g/us³ at event volume of the angles (331.) see. Setting flying mane--1000 g/us³ at event volume of the angles (331.) see. Setting flying mane--1000 g/us³ at event volume of the angles (331.) see.

recents this release of model. Tues rul the restrictionst.

Thes feel the pesticiations: (111) The radie shall be able to oper-ate simultaneously with a ther equiperate at 57 are speciar. Any dovice for incarenterious of infor-mation from the model to the pilot in posticities. The imagenitor may use in the content a matrix of two models. The imagenitor may combine the parts of the models during the content, pro-offs the conduct of the content, pro-offs the resulting which that the pilot have been divided before the start of the instate. DOADedC.

1.5. <u>Experitor of Hippers</u>. The sumption (pilot) must ensure her value employees personally, must pilot is persited to estimate the select of the construct take any experiing to the pilot during the filot. FLight.

1.6. Definitions of an <u>orficial Flight</u>, these is an official flight ofen the bod-al has left the made of the competitory

And easily constrained to first a great for file balgar. The compactition can repeat this minered data if: his his model are his langehing while collider with another model as fight, with a person when balag langehid, or meribes growther lawstraing cable. Therefore the angle lawstrain are an extended on the single lawstrain and the the fight he scongeted as an official file to scale and the and balance of the strengt. Lie Othe Sile of Langehore. The fight was on finded are the fault of the strengt.

Anit of under or investors:
 A first under or investors:
 A first Elight is unclied if the competitor used a model not conforming with for rules. In the cost of intractional or first rules, in the professor of the conclust if the model is the investor of the conclust if the model is the investor interaction of the conclust of the conclust is the flight time. The losing of a part during limits are the flight time. In the conclust of the conclust is the professor is a longer of a part during limit is not taken into account.
 The competitor is directed is the context of the context is the model is contacted if the context.
 A flight of A conception is a conclust is a conception.

seconds.

 B. Departuration of Starts. The com-peristors shall be cambined in proops with a draw, is accordance with the radia a draw, is accordance with the ranks frequencies used, co pumit as many fliptes similareauxy as penality. The flaptes similaries in usets a way that, as far as penality, there are no competitors of the face station in the same proof. The fipting order of different proofs is established with the draw too. The forming the same penality is i

The temperature are entitled to 5 minutes of preparation time before the starter gives the order to yourk off the moving time.

9, trypulgation of Contemps. All trate-mitters to be used during the contest must be obsched and placed in a compound kup under obscheding of a special affi-cial. The official will izens the types-

cial. We diffused will know the types-mirror to the competitors only at the se-conting to 1.6. During the view preparation these ac-conting to 1.6. The second second second second second event these workshing as the treasmitters before the preceduag competitors have fillent has orded the competitor may fill setting and the competitor may fill setting at the treasmitter to the official at the transmitter to the official at the transmitter to the All anaphterized hostenissions during

the content will result in sutorable dis-qualification of the editeder from the estime contain, and mendar his liable to further penalties. the organizer test provide a radio

monitor for the purpose of detecting pro-

2. SCALES & MARS FOR THEMAL SCALEDO DURANTE.

2:1. <u>Ostinition</u> (1) This contrast is a multi-task event for Badis-Contralled Disface, which inv scales Upper tasks. A. Duration B. Duration B. Duration C. speed

10

in this is control own. It for not finite to easy badding as to be targe. It for the third target is to the target for the three target are to the target the target the target is the target. It is the target the target is the target target. It is the target target the target is the target target target. It is the target t

is 1200. K = 10 1.1.9 <u>Anticapping Temperature</u>, Model starts in least Lipper Investigately at transfer of provides numerous packs also a 60 pagarer rurs crossed, turns 60 degrees downwidth in appro-ates dispersion, turns 60 degrees downwidth in appro-ates dispersion to first crossected, and a further K degree start with would caused tourn down pales. After sees 80 terpes turn model must assume straight at level flight for a paried of these descending methods is to tourisd the direction engine terpenting on medi-tions. Summours should be theregraded for the following reasons:

for the following reasons: 1. Durne are note or leas than 50 de-.....

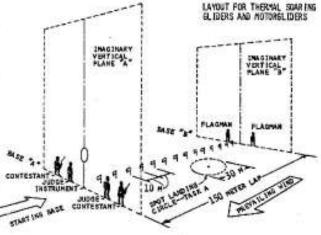
2. Lops of rectangle are not straight. 3. Model gallage is elevables.

4. wings are not loose -

Link. 3. furna nus smeath old provid

- Aphening to arrest define go mound opein, \$280 201575.
- ga found could be to be a set of the set

- tors's Oracl. 3. Hodel does not can in stanight line
- After touch down.
 Wrish couches ground with sufframe.
 Wrish couches ground with sufframe.
- other tiles the other certiage. T. Hotel certacts objects or protons densing its bares building run. 6. Hotel does not sail to stop in
- straight line. 7. If model lends on its back, fileb
- POD TS. NDs. 15 Easting within 15m (45° 2°) circle 10 within 50m (70° 5°) circle 8 methids 30m (70° 5°) circle N = 10 N = 5



The contributions of the titres basics is

a mound. A mitigum of their provide must be flown.

A stitute of the result and the form, by single round most be completed with the same model, without any disage of parts. Only the addition of ballant bluch must be located internally in the model and with which the roles grant cor-fitme with the roles grant million of the with the roles grant at location. Tablishes of sensity are a real aligned if assumed as distance by roles contain.

contexts. (ii) in thermal Scaring Contexts may be entered Redio-Controlled Gliders with Auxi2iary Power (MC Notorpliders) too.

The experiment can could be ally one or the temperate classifications. The system of the classifications must be an-monored in the propositions of the con-

test.

2.3. Learning. a. The Essent of the plifer may be by lead towing. Testabul? high start or which devices. Towing by meeting vehicles much as bigulas, interprojet, schemp-blins to PC entermalies is any president. The model must be toward and/or released by the comparison (plucy or his balges). The flight is sanclied if the glider is not crisesed from i towing within wisky seconds after release of the glider by the isometry.

winkly seconds after release of the glicer by We incenter. In The hanges of towinces used for hard towing as bunching must, set meaned 15 m (44) 's then towing hard a towing of 3 kg (4.4 Dat.). For high start de-vices asing the slartic performs, the un-whreshad isopph must not exceed 180 m (427) and the incent of the crassed 180 m bar--must started-must rept exceed 12 m (424). (164")

(164*). c. The towline must be equipped with a percent hesing a multium area of 5 dod (77.5 wg. sec.). A percenter may be adv-bilished for the percent provided in the not actuated to the nodel and wanks bi-active until the release of the could. d. teaching of Mittorryliders is by

hand. The time to start the angles and the angles wis are included to the work-ing time.

3.5. They Accountion. a. This task must be completed which 5 minutes (9 minutes in the case of 82 methods) local investing class-from the ander of the starter, included the towing them.

defer of the scheduler of the scheduler

a. One point will be deducted for each fail second floor in excess of 360 sec-ands (4.4 simule),
 d. Ablitional points will be evented to both the second seco

for lading, depending open distance from the spot. earled by the organizer, an-cording to the following tabelation:

Patria A

対対目和内切社の話

50

45

42

5

Distance from spot

10

22

10

The distance is measured from the w the model (above it cames to seat) a spot (seater of the circle of is m

000E 55

mandage a. Kreen the model is released from the tabling in the case of SiderA. and b. when the model is issuelled by hand of completions up his telpes in the case of Motorplifers.

Contract Analytics Contractions
 Contract, Structure Analytics Structure Structur

-tastante diseasers in strates an

consist distance, a decise as neurost bipter evens.
 a for sodils mill in the sir with the distance working the cogles, the dispect fight the only only be taken are solitical provide for storing. Subbat err solitical provides for the exceeded bit events of the flipte the exceeded bit events of the solitical provides the solitical spectra is a minimum of and spect.
 b the displant is mobiled if any part of the color has mobiled if any part of the mobile it are part of the color has mobiled if any part of the color has any local the spectra of the color has any local the spectra of the color has any local the spectra of the color has a first and the local has a first of the color has a first and the local part of the color has a solited if any part of the color has a solited if a solited if

(2) X simulfication based on decreasing Muchae of pulsts searched will be can piled, called "Furtial Roars R"--iss prov. 2.4.

2.4. Last devicting (see statch): a. This task that be completed within I mixing D months in the case of Ninterprivation overhear the mean the sphere of the energier, included the tasks

b. Now the rodal first crosses the

5. Now the model first crosses the langth of the first is the langth of the first is the distribution of the langth of the first is the distribution of the langth of the model reach contributes and the langth of the first the starting takes a to the langth of the first the starting takes a langth of the first the starting of the first langth of the second of the first langth of the second of the se

1. The plict mar seain at the base A while the task is completen. A. The 150 m 1432's distance between the too haves (restrict live) is divided in 10 fractions of 13 m (35,6") length into the second sec

each. T. For Budge's which Land bursteen the two Target within 4 adaptes flight Line, in additions of lings will be control the, in additions to full 160 H021 lings, pro-bided that her model note core to rest at the mark line. For medica will be the size much inerting of 4 historie flight time, or 8 sizetse (B minutes for K Motoreglide and write time, the medica for K Motoreglide and write time, the medica for K Motoreglide and write time, the medica for K Motoreglide and write time, the Motore flight time, the set of the sizet for the sizet and write time, the indexes for K Motoreglide for the sizet time, the indexes for K Motoreglide eral working time, whichever the figst, orde the completed laps at that moment

will be taken in ecourt. g. After the expiring of 6 minutes flight time, the model can land anywhere. h. A classification based on Secretary

the scheme to total form determined to the scheme the scheme to total form determined the plant, and points given as described in point 2.8., thus establishing the "Per-tial Science S".

J.S. Task C--Speed fees sketahl. s. This task that be completed within 5 minutes (6 minutes in the case of 82

WORLD ENAMPS (CONT. FROM F. 8)

WHUL CHAPPE UDART, FROM F. 83 solven the here beam books pertiable parts describe how the programs should be us solvening agoing target but with programs designed to exclusive perfectivation by more modeling how the comparison but the project and the solution of the solution of the solution of the trans-solution of the solution of the solution solution of the solution of the solution the solution of the solution of the solution of the solution of the solution the solution of the solution without the solution of allow solution is fail the solution of the solu were out mitually asclusive.

Also stated this is fait the tot concepts were not mining an initiative. Unclusion in RCS Ng indicerves that the classifie threathers using the au-rege recently taken with allow in the state-rege recently taken with allow in the state-rege recently taken with allow in the state-sentating point into for SM team programs sumministic at various times for the state-cial and/or the providers invited in the Take scatt service the state into the state of the forearce of the state into a state provident the administrator (Editor) was given to better 10, Thing following the forearce to the state into a state point on better 10, Thing following the state of the state to declarate from the guidelines, he wash them formatil his

http://informations.com/figure/from the outer of the company, atticular the Second

centre d tree or event, itsichted the twenty them. b. The works park fip is whether develop mathematical from the first is the tree of its treet is for present package. It tends its treet is the park of the treet, its treet is the park of the treet between a fractionary metrical glacel is diraction to the twist is the treet between a fractionary metrical glacel is diraction to the twist is the treet between a fractionary metrical between the fraction of the treet the scale crosses if fraction the tree the research the flace is fraction of the tree research the flace is fractioner the fraction to the place when the model fraction is the place when the model fraction is fractioner would be fraction the flace is fractions of the state is fractioner to the place, no that is can repear the crossing. a find place has a completed if a fiber having completed if a fiber having completed if a model which have not completed the flace is the place is the treats, the main the langement. a fiber having completed if anonghilder is the flace is the flace is the lange treats is the flace is statil for index is completed if allows in the langement. a model which have not completed the flace place is the flace is the flace of the ison in the langement. a state of a more backweet of flace the flace place is working the, will be satisfied one more second of flace the the satisfied one more second of flace the the satisfied one more second of flace the the satisfies the satisfied one more second of flace the the satisfies the satisfies the model flace the satisfies the satisfies the model flace the satisfies the model flace the satisfies the s

RC intengliders) working time, will be astigted one more second of flight time the slowest nodel certificly some than.

the scores, the part, h. Models which lant before having glated the bash will reserve score plating

dero. L. B. starelfhosticy based on tecreme-ing times to complete the two LSE m 0407% Reps will be complete, and points given as descripted to 2.4., thus works-listing the "Partial Space 2".

Partial Scores.
 You cash than the ulture receives a water of 1000 points.
 Wattal Score A for such competitive is determined as follows:

Partial form A = 1303 - $\frac{p_1}{p_2}$

where wi = points of the competitor ob-tained as for 3.3. We = points of the wonner of TASK

c. Fartial Score & for each competition is determined as following

Partial Gome # + 1000 + 문

Means by a distance of the competitor covered as for 1.4 by a distance covers by the winner of Team 3. 1. Terrial Hore 2 for each competitor to detected as follows: To

Partial Score C = 1000 - Br

Where T_{0} = time of the values of Task C. T_{1} = time of the competitor as for 1.1.

2.7. <u>Total Scree</u>. For each event the Total Screek 35 completed by adding the Partial Screek 3. 8 and 5 for each competitor.

a. <u>Closeffication</u>

 a. <u>El only two rounds are flow</u>, the best foral income attacked by each entr-petitor will determine big position in the final description to trades are flow.
 b. If wore that how trades are flow.
 b. If wore that the standard are flow.
 b. If wore that the standard are flow.

thinking to the confidi. Bins of the 11 ADA Wis-greations in-dianted that the administrator should be fore to dwince from existing quicklines in making a proposal for see programe be a approved by the face should be a proposal by the face should be the approved by the face should be the should be the should be the should like the should be t

of approved by the introduct description finitial time stands is followed, no re-sports from District II. With two quindlines from the reservi-in field to encourage greater participa-tion and no requirement to follow while the publishest. Duing west hash to the meaned or therefore F-publish District Mark Mass for new term selection pro-regain. The control there of fullary's responseducion and the target reserves the Field to be bail. Measure, Control and District are discussed for the world be selected from each location. for Tose District period are high theory a public theory is

be calatted four each location: for Toes finals would so build should a marks each as that a fight meals toy at mean than any location of the sincle for a finals were strend; site analysis in a finals were strend; site analysis in a finals were strend; site analysis is a final build being; store the strend is a strend build were strend; site analysis is a which is not apart in pageschild of melhight free finals is that been medered likely would have different copulations and

these a she first later, with vall deter-tion of a powerter to the first side title

Date 201 c. Do orthur for Jacobi the work of some three to a fire, the Take C (0)+41 is reproperty.

5.8. site. The competition must be held at a fits faving associatly level two-must site a twattacky law probability of situe or wave success.

). HARPE & MARE FOR HORE FORES CON-

1.1. befinitions. The competitue controls the model in such a way that it filts the state of a series the size of the size of a series the size of the size of

The marbler of completed pausings is entred together with the Lacking on a probangular area 50 x 130 x (164" x 130") (the longer slide of the networks being parallel to the signal and to the signal and the the signal and the the signal and the the signal and the sis a signal and the signal and the signal and the

 Lineshing. The competitory or bia helper Leuch the model by hand from the starting area indicated by the organizer. 3.3. <u>Number of Flights</u>. Each competitor new the cloth to these official flights.

3.4. surging. a. For every passing between the two places, transportive of the direction of flight. We competitor to searched 18 control.

penda. b. Fifty addictional points (50) will be warded if the code, lands in the nursed landing area. So points will be warded for the quality of landing. The model does not have to teach does in the landing area to detain the landing becas, but hous cost as cert will be rese within the families area. a. public the costing between the two pendants.

e. only the passings between the two places and landing completed within the

6 minutes from incrementary are spored. 1. One point will be deducted for each second flows in excuse of 410 seconds 47 whether in excuse of 410 seconds 47

encodes links in excess of all second encodes). a. So larding bonus will be swanded the flight time seconds (3) seconds (3 binings). edail 15

 targellation of a flight. Besi the regularization of point 1.7. is for Ben32au

The registements or produced if the model as the flippe is sensibled if the model is not released withing time. b. The flippe is encoded at any part of the residue of the soft and persis at rest within 100 m (107) at the periphery of the leading area.

a. the final actors for each compatible a. The final sector for each competitors will be desirated by the approprie of points received for the best but fidghts. b. Is the one of a tip for the first place, the third finals is derived. If even that the two first competitors are the stic, these a first will be sub-tive the these of the second barding filty to still be made inseling after the last flight of the second base been

they would be picked under different even they would be picked under differenc even billions (weaklow, radiusy, celline beights, etc.), exaking the team is sign with earying would then include the sould have. Furthermore, these sould not be a need to control the number of modelses the could participate in the new Team Finals, Spling said, so long as qualify-ing is by a mesonialis per-ast perfor-mants.

Ing is by a meansaidle permit perfor-ments. Bollogie Seyvester & ness also indicated his piperaidian to which they are don't test Divertage for each of the case pro-quant. In addition to buing GD for the Yeas Finals. they would also establish uniform qualifying performances (nesse, pulate, access or picered) for divertish to compute to the Term Finals. Compatible to the Term Finals. Toronal terms were instal to compare the theory and on three state points while a given have and on three state points while wert, and Gerl Measure are the final upstalled for Nicessiton at Ref MJ. 11 John worth and Gerl Measure the the state finals upter as affairs divertage of the press who can affairs divertage aff the press who can affairs divertage affairs The press, who can afford the trips and travel Line. A composition style to be have the Control rest first, then the fact of Syst mester on the Lane weight score time later; here would start to ge the these halfway account the contry for the score starts. (I) Spocial first or ther yudged armsts be scored for the regional

supjected. The second of the additional fulgated also only for the purpose of de-termining the scheme and for eventing the primer streament on the trains will shall as he semicled in the final sciency.

and he satisfies in the final scoring. Solar for determinized scheduler and which liable score (or magninger may ma-serie that there shared, provided they are that there shared, provided they are an another that the the second sound, when now that there conduces there is no the and of the second sound, when now that there sound are first, the formation and the states address to the north the there are the discouting of the constant has the second sound of the sound of the simpler 1.4.1. Simples from 10 × 50.5 simples. These charges much be anonymough grains the based of the fight official flight of the method. 1.5. measurables of the constant and

3.7. Separation of the context and guart-officies.
 A. The surperision must be held at the size having the possibility for sign

also having the possibility for slope morring. b. Nown mixing the starting and lad-ing aroas and the turning planat the de-ganizer must the survive securit the slop figuration of the survive and the slop diversity. Any theory is the fight and ladding areas may be rush coly between fight routes. Let weary fight mouth must be fariance in the same area. c. Must agreethed in the same area. c. Must agreethed to the provide land rugs the arguings of the provide land rugs the angular put one open, or most intervide the circle of the side area that the discusse file were then a. The velocity of the wine the lane that 3 mys H. 7 while or new that 20 mys.

(46.7 epk), et b. the disection of the wind is in-emanwhily designing more than 45° from

the direction perpetitionlar to the elege-

or c. the size is unpathfied for the empetition on create for the competitions in consequence of influences outside of

inspliction of charter bit for comparison is consequents of influences surface of consequents (i.e. radio interfacetors, isons, 500, etc.). A. Ef it is not possible in conseq sprace of conditions of level in possessary's to Bring the uncleast to the schooling eq. the explicites may target and if it is sound intermulty one flight round, the comparison may make the scoring encessing to the scoring of all terminess flight possible. In such a come the conjustical is not colling to return the same is not colling to return the same is not colling of flight the following effi-minate. scoring

dants, Controllers of passing the turting controllers of paralytics the terming planes who at each turning plane. One of these controllers at each terming plane must give visual and seend signal of paralog that turning plane by the each plan.

Two endsteers of fundated passings of

the tuning planes. One judge at the leading area. In case of minuturescas flights, the indicated Officials must be provided for each model flying similarectedly.

convept3 (1) Should any of these quan-sions to pet to a popular voter As this was written, another cedling

to the conclusive Dourcell was about to be made which is expected to include consist mather concents for the inclusion of mene and a ballot to respire the mathematics issues. Showily thereafter the team progeams to take place in 1974 abould be failly developed and announced.

EARL WITT RE-ELECTED

EARL WITT RE-ELECTED To a slower more for the valuable of-fies of mesoning-transmer for the 1934-W save, main with of thistershurp, Fac, faceined 1.11 worse to challenger for mathematic division of thistershurp, Fac, provident. There were all misselfarements workers worse for shorts. Desticit interpretability elected or re-excepted by a similar towards are fill mathematic division strenge fills. Non-Neille Miss additions for the NGN Non-Neille Strenger Strenger to Miss. Non-Neille Strenger Stren

Tricts in 1970. The sent election, to Lete 1974, will be for the schlorad office of president and required offices of electrometant for District Trices of electrometant for District Trices of all offices.

RAMS

9th ANNUAL NORTHWEST RADIO CONTROL MODEL SHOW

February 9-10

Seattle, Washington SEA-TAC Motel

18740 Pacific Highway So. Seattle, Wash. 98188 HIWAY 99 AND 188TH S. Take the S. 188th St. Offramp from Freeway, U.S. 5 1 Mile West on S. 188th St.

DISPLAY OF RADIO CONTROL AIRPLANES CARS BOATS SATURDAY, 9:00 TO 6:00 SUNDAY, 10:00 TO 3:00

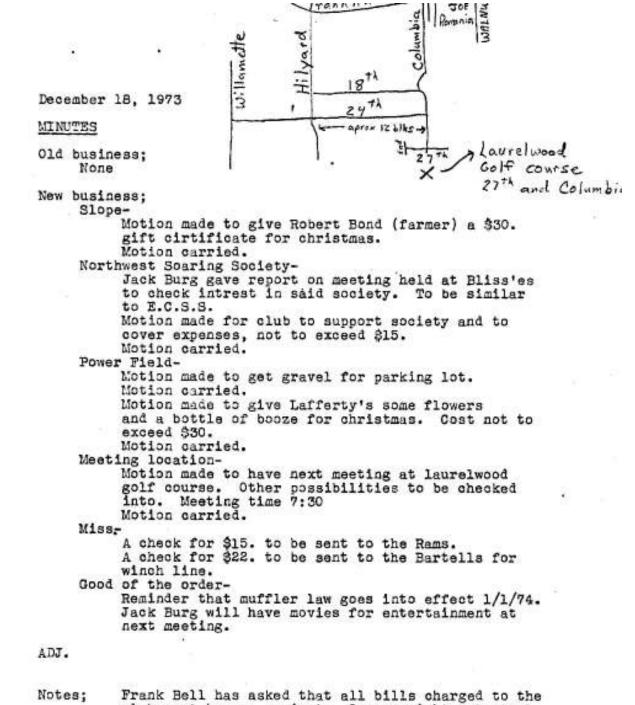
MANUFACTURERS' DISPLAYS

60 TROPHIES

Banquet Saturday Night, 7:30 Demonstrations of R/C Boats & Cars Continuous Show of Home Movies Featuring R/C Airplanes, Boats and Cars Talks and Discussions on Various R/C Model Subjects Conference Chairman:

Bab Gruys, 4118 32nd S.W., Seattle, Wash. 98126 WE 2-7583

General Admission, Adults \$1.50 Juniors 50¢ Children under 12 Free



(es; Frank Bell has asked that all bills charged to the club must have a reciept. Or you might get stuck with the bill! Also bring your AMA card (1974) to the next meeting with your dues. You must reregister by Feb. or you loose your right to fly at our fields. If you have a problem, see Frank Bell.

KEN EATON, SEC.

THE VON RICHTHOFEN LEGEND A NEW COLLECTOR PRINT SERIES
The second secon
Red Baron
The flying adventures of the famous World War I Acc, Manfred Von Richthofen, in a series of four air combat prints by noted illustrator J. B. Densen. Four exciting full color art prints plus special por- trait and biography bring the "Roll Baron" legend to life with detail and authenticity. Each color print measures 16x20 inches overall ready for framing. Superbly reproduced on heavy emboused art puper. Complete with descriptive captions. Available only as a set.
PLATE I—FIRST OFFICIAL VICTORY PLATE II—JON GR "BLUE MAX" VICTORY PLATE III—BON AND FINAL VICTORY PLATE IV—RICHTHOFEN'S LAST FLIGHT
The complete set with portrait-biography \$9.95 Shipments guaranteed, plans and 30g for portage and banding. Sand check or money order, Sony, so C.O.D.'s.
ECHELON PUBLISHING CO. 5001 West 78th Street, Dept 7099 Minneppolis, Minnesota 55437
Masse wird me, sels of four Richthofen air printe plus portrait biography at \$2.75 per ext.
I endate check C) money order C) for \$
Name (anaze privit)
CityStateZig





STATEMENT FOR CLUB DUES \$12.00/year

5 - K - K

PAYMENT OF IUSS GIVES YOU ALL CLUB AND FIELD PRIVILAGES FOR 1974.

DUES MUST BE PAID BY FEBRUARY 1ST OR YOU ARE NOT EXPECTED TO EXERCISE ANY MEMBER PRIVILAGES UNTIL PAID UP.

MEMBERS THREE MONTHS OR MORE IN ARREARS ON DUES MAY SITHER REJOIN THE CLUB OR PAY ALL BACK DUES AND FEES.

YOU MUST ALSO HAVE A VALID 1974 AMA LICENSE TO USE ANY OF THE CLUB FLYING SITES. THE CLUB WILL PROVIDE A VALID FCC LICENSE AS LONG AS YOU ARE A PAID UP CLUB MEMBER.

-TEAR OFF AND MAIL WITH YOUR CHECK TO:

+10* *********

1000

80

.

1

210

FRANK BELL 2583 STRATFORD STREET EUGENE, OR 97402

For Those 19 or Over by July 1, 1974 — Check One Only!	For Those Not 19 by July 1, 1974 — Check One Only ! FILL IN DATE OF SIRTH: MoDayYrJUNHOR OR SENIOR—Includes all member-
OPEN MEMBERSHIP—Includes all membership	ship and competition privileges but no monthly
and competition privileges and monthly AMA	AMA News or magazine subscription \$3.00 SAME AS ABOVE—With monthly AMA News \$5.00 SAME AS ABOVE—Flux subscription to Ameri-
News as published in Amorican Aircraft	can Aircraft Modeler Magazine (which includes
Modeler Magazine	AMA News) \$9.00 ar Scale Alt 1974 Membership Expires Dec. 31, 1974
(Pess	HQ use only

April 1974



AERONAUT'S

APRIL 1971:

CHATTER

NEXT MEETING

Tuesday, the 16th, about 7:30 PM at the Laurelwood Community Center. Plan now to attend and find out about the non flying side of your hobby.... we have some members that attend very infrequently and do not get all ten sides to every argument....

Report on the last meeting was that Henry B, gave a very good talk on how to trim out your plane. If you missed it, good luck on your next crash. Besides the spectators will love you for your fine contribution to the excitement for the day.

Dean Rea advises that the long awaited movie on Buzzards will be shown at the meeting ----- doesn't this remind you of Jack's movies?????? May the Buzzard of Paradise perch on the rim of your soup bowl, Dean, if that movie doesn't show.....

CLUB FUN FLY

April 21st at the power field -- club members only. No entry fees, the prizes will be paid for out of the club treasury.

- 1. Field closes from 10:00 AM to end of contest for general flying.
- 2. Mufflers required on all engines.
- Events -- slow fast, ETA timed flight, bomb drop, spot landing, and mystery grid.

Your happy contest director is that well known helicopter pilot, Chuck Pilkenton. His current claim to faim is hovering his chopper above Ray McClellan's head ---- until the reflection of the sun off something slick and shiney caused him to momentarily lose sight, control, and dent ol #1 slightly..... Anyway come and participate in the club contest.... it is for you to have fun and you will.

FAMILY NICHT

We would be remiss not to mention the great time had by all who attended the evening out with the wives and kids on April 3rd. The comedy film featuring Buster Keaton and filmed on location by Cottage Grove was a classic and capped a fine evening for all. Thanks to Dean and Ray

BURG'S THEORY

Jack's article on Mufflers has been warmly received....heh heh, like strangle his typewriter, or him..... Chuck O'donnell sent a several page letter saying things like right on ... read it in this newsletter. Thanks, Chuck.

Eugene R/C Aeronauts, Inc.

MINUTES of the March 19, 1974, meeting

Dean Rea, secretary

Guests:

Kelley Jon Ireland, 1665 Curtis Ave., Eugene Steven Lynn Coleman, 3820 East 22nd Ave., Eugene Dick Berkey, 565 W. Harlow Rd., No. 53, Springfield

Applications for Membership

Jim Stauber, 2263 University St., Eugene (third and final reading) Joseph R. Lunak, 386 Bailey Lane, Eugene (second reading) David D. Buck, 1110 Fairfield St., Eugene (second reading) Chuck Lott, 1715 W. 12th Ave., No. 7, Eugene (second reading) Clarence W. Waits, 755 Fremont, Eugene (first reading) Thomas M. Bodley, 2090 West Irwin Way, Eugene (first reading)

Treasurer's Report

Frank Bell reported a balance of \$580.73.

Meeting Sita:

Club members decided not to pursue changing the monthly meeting site to the Armory after considering the expense and related problems reported by Barrett Jones.

Social Event

Tentative plans were approved for a club get together at North's Chuck Wagon during the evening of Thursday, March 28.

Power Contests

Chuck Pilkenton encouraged club members to practice for a club-only "Fun Fly" Sunday, April 21 at the power field. Events which will be open to paid-up members only are (1) slow-fast race, (2) spot landing, 50-foot circle, (3) bomb drop and (4) timed flight, 1 to 3 minute duration to be announced at time of contest. Chuck also announced that the club has received permission to use the Springfield Airport for its July 27-28 contest. Henry Barclay and Al Maine volunteered to serve on the July 27-28 trophy committee. Chuck also reported that an invitational contest will be scheduled after the July contest.

Budget Adopted (Copy appended to formal minutes)

The 1974 budget of \$821 was submitted and approved. Income of \$737 was anticipated at budget formation. However, the treasurer reported as of March 19 that anticipated revenues would offset the \$90 deficit.

Program

Henry Barclay presented the program, which dealt with how to trim a plane so the decoupage is lined up with the wing incidence. All of this, of course, is relative to the angle and thrust of the power source, which, in turn, is protected from metal-to-metal vibrations by oscillating caster oil. However, the latter often results in "streaking," which Henry reports can only be

February 17, 1974

District XI Notes by Homer L. Smith, V.P.

The eighth annual District XI meeting is now history. A large group of very enthusisstic people turned out and additional chairs were brought in to handle the late arrivals. It was a pleasure to see so many out to the meeting in spite of the problem of getting gasoline. To the best of my knowledge everyone got home in good shape, but if you see a stranded modeler, lend him a hand, or a gallon of gas.

The first item of business was to introduce our district officers. In case the current list is not contained in the next issue of AAM, here they are:

District Vice-President:	Homer L. Smith	Seattle, WA
Associate Vice-President:	Al Culver	Pocatello, ID
Associate Vice-President	Dick Carson	Spokane, WA
Associate Vice-President	Bob Stalick	Albany, OR
R/C Contest Board:	Ralph Brooke	Auburn, WA
F/F Contest Board:	Al Grell	Tangent, OR
C/L Contest Board:	Dan Rutherford	Bothell, WA
Scale Contest Board:	Earl Moorehead	Salem, OR
Soaring Advisor:	Don Tospel	Seattle, WA
Contest Coordinator:	Don Dodd	Seattle, WA
R/C Contest Coordinator	Don Miller	Kent, WA

If your local AVP has not set the date for the mini-district meeting in your area, contact him and find out when it will be held. See the next few issues of AAM for the complete list of names and addresses of the officers. Contest sanctions should be sent to Don Dodd at 10848 - 32 S. W., Seattle, WA 981h6. Miller's address has not changed since last year.

A report was given of the Spokane Internats, which is scheduled for June 22 & 23. The events will be strictly R/C and a good show is promised. More on that later.

The BMA Scholarship meet will be held July 13 & 14 at the Kent Space Center with the prizes being \$1750 in scholarships plus trophies and merchandise.

The PAMS Symposium was described by Doc Brocke and Don Miller. It was a really great show with lots of things to see including demonstrations of cars and boats. It is sure to be reported upon in greater detail in the model magazines.

The 1974 Nats were discussed at some length. The dates will be in the August & to 15 time frame and the planning looks great. If it wesn't so far from this district it would really be a great event. I wonder how many from this district have been to the nats and competed since 1968?

In 1972 the Eugene Prop Spinners gave Bob Stalick a very nice gavel as a symbol of the office of Vice-President of this district. At the district meeting, Bob presented it to the undersigned as the new VP. The gesture was greatly appreciated and I hope that the progress that has been achieved in this district will continue. Bob has done an excellent job for us and deserves a great deal of credit.

The contest board member reports followed. For R/C, Ralph Brooks noted that a new pattern was being considered and that the FAI pattern has apparently undergone change. It was the stated opinion that there should be one pattern---the FAI. Al Grell reported that in the F/F contest board he was getting up to speed and esked for the support of everyone. In Scale, Earl Moorehead asked for the same ---support. It seems to me that every club in the district should mend their newsletter to the GB members that represent the interest of their club. It is, and will be an inexpensive way to get your club feelings to the CB member that needs the information to make decisions for us. The new procedures will help.

District XI Notes (continued)

The new Contest Board Procedures were discussed at some length. Everyone should get a copy of Competition News or AAM and read about them. They are a definite advantage to all of us. There are a few details to work out yet, but the two year cycle will help to put order into the chaos. The basic idea is to receive proposals for the first five months, evaluate, review, and cross-propose for the next 11 months, and take an interim vote at that time. Final revision and publishing last three months are spent in final vote, publishing a synopsis of the new rules, and printing of the new rule book. The issuing of the new rule book is to take place in December of the last year. That latter point would be nice.

The contest planning for the coming year took place, with each club submitting their plan in writing. Don was able to work things out without any conflicts. The complete schedule will be published at a later date.

The Red-Max club, represented by Ron Scoones, reported that their AAA contest in September would be known as the Tiny Wilson Memorial. It will be two days and the club hopes that the paved circle will be installed at Marymoor farm by than. Ron also asked if any of the R/C clubs would care to put on some R/C events at the same time. Interest was expressed by a couple of the clubs represented. It appears that the meet could be expanded into a large contest that would provide more competition and better spectating than most of the contests in the district. This lead to a discussion of whether interested clubs could band together to expand the Tiny Wilson Memorial into something akin to the Jim Calker meets of Cheshire volunteered to be the contact point. Drop him a line at 10826 S. E. 228 in the club will act as contact point.

Ralph Brooke and Don Miller then treated us to a discussion of the problems that the RAMS have had with noise complaints at their flying club field. They own 20 acres of property and the closest neighbor is 1 mile from the flying site. Due to complaints, hearings, and zoning problems, they are currently restricted to flying on wednesday thru Sunday and for a few hours a day. They use mufflers, but the disturbing thing is that if they live up to the letter of the rules imposed, they couldn't even fly a Cox TD .049 on the field. The major problem in excess of the models. Full size aircraft, lawn mowers, motorcycles, etc. all showed higher sound levels, but did not help their case. We should all be very careful to prevent noise complaints from being filed if we can avoid it.

A discussion of the current situation in the FAI programs was discussed at some length by those involved in the current and past programs. The meeting was adjourned.

Homer L. Smith Vice-President District XI

Mar. 19, 1974

Dear Roger,

ř. 1

ī.

Tomorrow is the first day of Spring; today the swallows come back to Capietrono; and this morning dur laum is covered with snow. But it was only a 2" or so and it's melting and it has been above freezing almost every day for the last week at least part of the day so I guess that Spring is really on its way in.

What prompts no to write you another letter so soon is the letest neualetter and its news of your huffler controversy. Since we have hal a mulfler rule since the beginning of our club five years ago and since we had a lot of guys using them even before that we've built up a lot of nuffler time on a variety of engines in all sorts of weether and all kinds of ships and I think I might pass along a few words of encouragement to the troops.

I read your suffler rule and lough hysterically; that passage about "engines over .40 that are exceptionally quiet" is worthy of Thurber, Benchley, and P.G. Wodehouse. Even Jack's suggested revision doesn't sober me up ruch though I do stop actually rolling around on the floor with laughter. Our rule says that you will have a muffler on any engine for which one is obtainable, regardless of the size of the engine, and there is no relexation of the rule for break-in. A revision for this year bans venturi mufflers.

Ly Tebra and my Merce have never been run without nufflors; indeed, the Merce has never had anything but an expansion chamber mulflor on it. The Webra has spent the last two seasons of intensive use wearing an expansion chamber KS. Both are still going strong. I did burn the Merce out once but that was in dear old Bugene on my visit in '71 and I was up in the sir with four other guys, some of whom whre unwiffled, and I couldn't hear that my ongine had gone lern.

I break my sugines in by flying them right out of the box sai running them as rich as I can get off the ground with for the first six or soven tanks. I just go up and roll and loop and invellmen and I'm frequently running so rich that I have to dive to get up the speed for a loop. My break-in fuel is Fox Superfuel and I run a whole gallon of it through the engine before I switch to my normal K&B 100. Even after the break-in I never lean it out more than just to the point where it it starts to break from four to two cycle and most of the time I run a little bit righer than that. I run mostly 11-7's on the Webra and 11-6's on the Merco to let them turn up a bit more and take a bit of the load off the engine. That <u>does</u> help them run cooler.

Thile I will be the first one to admit, albeit grudgingly, that I am not a top-motch pattorn fliar, I do essay a lot of the C-Pattern maneuvers and very often a meneuver done my way tokes a lot more zip than one done the right way. I find that I have enough power to do anything I want to do. I may have to dive s bit to get up some momentum for a top hat but I get through the top hat in fine style. No I can't climb out of sight and I dos't know how I'll make out with this new top hat but I'd rather be confined to old style ton hats and have a field to fly them over. I haven't heard anybody complain about not having enough power to do what they wanted. Laurie Cullen has an O.S. Goldhead in an Aeronester, with an expansion chamber Kö on it, and I've seen him doing fine figure M's and ton hete.

You may have to be careful of what you build. These 82 lb. foam-and-fibreglass bombe may not take to vertical maneuvers under the rich, muffled, engine regime, especially with fixed landing gear. Leave them to the hot-shot pattern boys. And if you just have to be a hotshot, maybe you'll simply have to do what they do: lean 'am out on 25% nibro fuel and be prepared to go through three or four engines a senson! There's no doubt that your building and flying babits will be in for a bit of adjustment but then what good are flying habits when there's no place to fly.

While most of the planes flown around here are . etendard pattorn types with angides pretty much out in the breeze, there have been several fully cowled biris sround solthey have had no trouble with their engines. Remember, a properly nowled engine can run cooler than an uncowled one. Les hal an article a few years ago on cowls and he called for an inlat opening the height of the finned portion of the cylinder and 3/4 the width and an outlet is times the area of the inlet. Remember heated air expands! It is most important to get that hot air out of the cowl. If you don't, it will build up a negative pressure in the nowl and start spilling out the inlet opening and prevent cool sir from entering. You may well need to build some baffles inside the cowi. Take a look at how closely a ukie speed engine is cowled; it's cooler that way than having the engine sitting inside a great big barn of a cowl. And pay special attention to getting air flowing over the cylinder head.

There will be guys who will say, "Even if we do use mufflers, there will still be people who will complain". Yes, there will be. They are the crackpots. They would complain about a glider winch or even the glider! They are the sort of geople I romember from the long lost days of my youth who would call the police every thing we played baseball in the street even though they lived a block from where we were playing and had to walk another block to get to a phone. There is nothing you can do about these, short of asengination. And that is frowned upon by many authorities oven, I'm sure, on the stinging Vest Coast. But the majority of prople are not like that or of least, it's been our expansioned that they are not. I have had spectators remark to me that they always thought those things were swinlly noisy ", but that now, on hearing them in goreon, couldn't andorstand why people cotplained about thes.

.

So give mulflers an even break and meet them halfway. They are not monstrous, fiendish, devices which will reduce your Schneurle Webra to comething just this side of a Frown Jr. and your Super Haos to a straight-andlevel gost. In fact, they may just possibly turn out to be the best friend you even, had.

By the by, while Jack is no doubt right that easter is the best lubricant, most of the club here ran K&B 100+ last year with no trouble at all and our Summer is at least as hot and humid as yours. The humidity here, I suspect, way even average a bit higher.

And another thing: running righ and muffled will cause the engine to varnish up faster but I've never had to clean it out more frequently than once, at the end of the season and full details on how to go about it are in Lee's book that jack recommended.

32

So much for my impassioned polemic on mufflers. I do hope that Henry lats you see the alices though they aren't engthing terrific, at least the Bats aren't, due to my judging duties. But whether he shows them to you or not would you see if you can induce him to send them back to me? I have a couple of guys waiting to borrow pictures of their ships to copy.

Time to go back to putting stringers on the turtledeck of a free-flight scale ship. Hope the flying weather has already arrived there.

REPRINTED FROM APRIL 1971 SHITION OF THE RAMS HORN, SEATTLE

-15-

CONTEST CALENDAR 1974

APRIL RCFCBC Vancouver, BC 6-7 Pattern- FAI qualifications 7 Stand off scale, open Pylon 7 gA final season man HAWKS, Kent Wn RAMS, Enumelaw, Wn MRROS, Tacoma Spring Thing, Gliders Pylon, Form I, FAI tA 20-21 Miniaturo pylon "little Stick races BARONS, Spokane 27-28 13-14 Formula I, FAI pylon MAY Ben's Strip, Zillah A Pattern 4 Wn. Fun Fly 5 RED APPLE FLYERS, Gliders 11-12 Wonatchee, Wn. PROPS Pylon; Form I, & midget, FAI MAGIC VALLEY AERO-18-19 Sport Scale, Thermal Scaring 19 MODELERS, Twin Falls BARONS, Spokane Wn RCFCEC, Vancouver BC Glidera 25-26 Benefit Fly 26 JUNE RAMS A pattern and Helicopter 1 HAWKS, Kont Wn Fun Fly 2 RAMS, Kont Wn Kisney-Benefit, "Fly for Life" 8-9 BARONS, Spokane Little Stik races 8-9 · Portland, Delts Park Pattern, A.B. D/N. D/X. & midget SPOKANE INTERNATS 15-16 BARONS, Spokane Pattern, A,B,D/N, D/X; 2 midgets, Stand off Scale, Bips demc Pattern; A,B,D/N, D/X Standoff Scale MRRCS, Tacoma 22-23 29-30 JULY Vernon B.C. Gliders, 2-3 minute precision 6-7 Kent, Wn (Contact HAWKS) .13-14 EMA RED APPLE FLYERS. Pattern, A,B,D/n,D/X 13-14 Wenatchee, Wn VRCM, Victoria B.C FAI Pattern Open Pylon, Fun Fly Pattern A, B, D/n, D/X 20-21 21 EUGENE R/C AERONAUTS 27-28 Bigene, Ore. PALOUSE RIDGE RUNNERS . Glifors, AMA, LSF 27-28 Mesocw Ida. AUGUST Lako Charles, La. BARONS, Athel Ida. EUGENE AERONAUTS 4-14 NATS Scale, Stand off, Glider Stand off 10-11 Gliders 17-18 RAMS Pylon, Form I, FAI, #A RAME ANNUAL, Pattern, A, B, D/N, D/X 17-18 RAMS 24-25 Stand off Scale RIVERVIEN FLYERS 17-18 FAI Scale, Stand Off Scale Vanecuver EC Sand Point Ida. 31-Sepl Glifers Sept ROFCEC, Vanctuver BC FAI Pattorn . 7-8 HAWKS, Kent Wn Pylon, FAI, 3A, imidgot 14-15 RAMS Gliders 21-22

SEPT 21-22 OCTOBER

Little Stik racos

5-6

Barons, Spokane Wn

A.B.C. Fun Fly, Gliders BARONS, Spokane Wn SNOWBALL, FAI Pattern, Stand off Scale RCFCBC, Vanceuver Fun Fly, Open Pylon BARONS, Spokane Wn 26-27

CLUB DIRECTORY

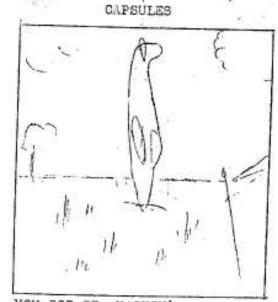
BARONS, Soaring

Power

Randy Helsapple, 7025 N. Stevens, Spekane Wash Bruce Batch, 907 E. Francis, Spokane Wn Roger Breedlove, 2566 Chuckanut, Eugene Ore

EUGENE AERONAUTS Bosing HAWKS Jin Boydston, 206-A15-2025 MAGIC VALLEY AEROMODELERS B.C. Adamson, 320 Locust, Twin Falls Ida MRRCS Kon Crawford 206-LE7-8798 PORTLAND BARNSTORMERS Tim Olson, 8224 SW 39th Ave, Portland Ore. Bob Root 206-SH7-4672 PROPS RAMS RAMS SOARING ASSOCIATES RCFCEC RED APPLE FLYERS RIVERVIEW FLYERS SAMS SRACS STARDUSTERS VRCM

Don Miller, 206-UL2-8861 Don Tcopel, 206-GH4-7690 D. Rankin, 1130 Williams, Richmond B.C Don Griffin, 777 Jerome Lane, E.Wenatchee,Wn Mr. Anderson, 10730 138th St. Surrey B.C. Derryck Turner 206-GL5-5361 Mike Dailey 206-364-9568 Ken Thorstad, 4503 N. Interstate, Portland Al Clark, 3625 Doncaster Dr., Victoria BC



YOU GOT IT, HASKIN!



COME FLY WITH US!

PURPOSE OF N.W.S.S.

The purpose of the Northwest Scaring Society (NWSS) is to promote and coordinate R/C Scaring activities among the R/C clubs and modelers in the Northwest. This purpose can be accomplished by:

- 1. Promoting R/C scaring contests.
- 2. Scheduling R/C soaring contests to permit a minimum of conflicts.
- Formulating contest organization and flying rules based on NWSS experience.
- Issue a NWSS publication which contains:
 - a. Contest calendar
 - b. Maps for contest sites
 - c. Results of contests
 - d. Hints, tips and technical articles on gliders and related topics.
- Compile contest points of N.W.S. members to determine a season contest champion.
- Sponsor a championship contest for N.W.S.S. members and club team champions.
- Provide information on contest organization to clubs sponsoring contests.
- 8. Promote general activities related to R/C sailplanes.

	NTTTP:CC4
_	NWSS#

٩...

C. New Renewal

NWSS M	embership Application	
Name		
Address	First	
	Street	
City Phone	R/C Club	Zip
AMA No.	FCC Call Sign	
Type of Membership		
Individual \$5.00 Club \$5.00 Family \$6.00 Junior(AMA) \$2.50		
Make check payable to : M Mail to : Randy Holzappl 7025 North Stev Spokane, Wash	e reas	

November 1974



AERONAUT'S

NOVEMBER 1974

CHATTER

NEXT MEETING

November lyth beginning about 7:30Pri at 2700 HILVARD ST. . Plan now to be there as a good schedule of movies and slides are lined up for your little eyeballs to scrutinize..... Attendance was down at the October meeting mainly because ye ol editor failed to get the NL out. No excuse this month so show up. Who knows, you may get tapped for NL editor for next year... Officer election is scheduled at the November meeting and with a general membership going over 60, your participation is needed.

Our club has just finished a tremendous year thanks to the outgoing officers and the many people who worked on the contests. If you enjoyed your hobby and club activity this year, let those responsible know by saying thanks.

That New Jersy prop buster, Chuck O'Donnell, is still kicking up dust in that frozen Eastern land. He is complaining about the price of fuel.... that guy doesn't know how much fun you can have with a glider and a high start.... Of course it helps to live where the sun shines and the thermals go up....

RAMS SYMPOSIUM

Make your plans now to attend this mid winter event in Seattle. We don't have the exact date but it should be the 2nd or 3rd weekend of February. You don't have to send wifey to the in-laws for the weekend, take her along and let her 'spend your modeling allowance for the next year in Seattle.... Why mention it now ??? because now is the time to start finish ing that plane. What kind of meeting do you think it would be if no one brought anything to display. Besides it is a lot of fun and who knows, maybe wifey will go to the in-laws.

EOYB

Ah yes, those End Of The Year Elues times again. Have you sent in your AMA renewal dues yet????? Why wait until the club officers have to embarrass you in February by saying "Gee, the AMA club charter roster doesn't seem to have Tighternadrum listed, have you really paid your dues?"

Club dues will be on tap in January so space out your financing. The AMA and club dues are the only two things I know of in 1975 that won't cost you more than they did in 1974. Besides Don Dewey says AMA is better than sticky Honocote and he knows.....

HAPPINESS IS GETTING YOUR MOTHER-IN-LAW TO TAKE UP HANG GLIDDING ...

ONE GLIDE AND A BIG DING !

FLASH - BURG WILL SHOW AN AIR POWER SERIES 16 AM FILM

Current Membership: 58

Eugene R/C Aeronauts, Inc.

MINUTES OF THE OCT. 15, 1974, MEETING

Dean Rea, secretary

Treasurer's Report

A balance of \$278.26 was reported by Frank Bell, treasurer.

Nominations

No further nominations for 1975 officers were made during the meeting. The election will be conducted during the November meeting and new officers will begin their duties in December. The following nominations were made during the September meeting:

President -- Chuck Pilkenton Vice president -- Farrell Bird Treasurer -- Jack Burg Secretary -- Dean Rea

Membership

Kenneth Erick, 476 E. Broadway, Eugene (third and final reading) Richard Pugsley, 1333 Oak Patch Rd., No. 40, Eugene (third and final reading) Gary Ogbin, 95 Myoak Dr., Eugene (third and final reading) Brad Burden, 4545 Fox Hollow Rd., Eugene (second reading) Harold "Claude" Cash, 1721 Concord St., Eugene (first reading)

Club Charter, Corporation Report

The \$10 club charter renewal fee for 1975 was mailed to AMA headquarters Oct. 18, 1974.

The delinquent 1973 annual report required by the Oregon Department of Commerce's Corporation Division was completed and was mailed Oct. 18, 1974. The \$5 annual fee and the \$5 penalty previously were paid with the filing of the 1974 report.

Contests

After discussion of interest in power and glider club contests, it was agreed that some type of slope contest should be planned for gliders early in 1975.

Nuts and Bolts

Members approved a motion to purchase a 10-yard load of gravel for use at the south end of the power field. Henry Barckley and John Sader volunteered to install some type of burglar-proof box to house frequency flags where no one can find it. Members also discussed purchase of stop watches and additional fencing materials for the power field.

Next Meeting: The meeting site moves to the Amazon Park for the November meeting during which pics of the League of Silent Flight contest will be shown. The club then returns to Lauralwood for the December meeting.



monthly mailing TO: CHARTERED CLUBS, MODEL PRESS, EXECUTIVE COUNCIL, CONTEST BOARDS, CONTEST COORDINATORS, NEWSLETTERS

Reprinting of items from this AMA Monthly Mailing is encouraged, particularly by club newsletter editors. This publication basically reflects the AMA HQ viewpoint and is written by the AMA Executive Director, except when other names are credited.

THE INFORMATION HEREIN IS FOR ALL AMA MEMBERS. IF REPRINTING IS NOT FEASIBLE PLEASE QUOTE AT CLUB MEETINGS OR PASS AROUND. PLEASE DO NOT BURY IN YOUR PERSONAL FILE!

NO. 93 OCTOBER 1974

'75 NATS TO LAKE CHARLES

The AMA Executive Council, at its Oct. 5 meeting, voted to return to Lake Charles, Louisiana for the 1975 National Championships, tentative dates = Aug. 4-10. The former naval air station at Hutchinson, Kansas was also considered but came off second best due to less dormitory and motel lodging and lack of a headquarters hangar. The council also considered delaying the decision until later in the year but noted the need for early announcement to aid planning and to permit vacation arrangements to be made early by potential contestants and officials alike. The council also noted that only the sites at Hutchinson and Lake Charles were known to be acceptable and available.

LAKE CHARLES IMPROVEMENTS

The decision to return to Lake Charles was based largely on the fact that most participants at the '74 Nats praised it and for those that didn't there would be improvements made in '75 to overcome most complaints. It was noted, for example, that much clearing of brush and wooded areas is planned for '75 -- this will aid CL, FF, and RC activities. In addition, a better event schedule is anticipated as well as improved event locations. Better field concession arrangements are planned and more motel space will be available.

RENEWAL PACKETS HAVE BEEN MAILED

By the time this is received, all AMA members should have their 1975 membership renewal packets -- they were mailed by HQ during the second week in October. Even with lowest cost bulk mailing all should be delivered within 2-3 weeks. If you know of someone who has not received his packet by the end of the first week in November, please advise him or her to contact HQ in order to get a duplicate packet by first class mail.

MONTHLY MAILING NO. 93 OCT. 1974

ELECTION BALLOT/SURVEY FORM

Each membership renewal packet includes an election ballot and a special survey form. The ballot must be mailed back to Headquarters no later than November 15. The survey form, which is to help provide a better picture of membership interest, does not have a specific return date but the sconer the better is desirable.

22

THE FIRST RENEWALS FOR 1975

Contractor instance

0.001101152

W. G. Knollenberg, of Alexandria, Virginia, got his 1975 membership renewal into Headquarters first, by mail and within a week of the HQ mailing. Likewise, the Fly-Aways RC Club of Forest Grove, Oregon, was the first club to sign up all club members as AMA members for 1975--42 memberships were received on October 15.

OVER 3,000 MEMBERS ALREADY FOR '75!

Within three weeks of mailing out 1975 membership renewal packets over 3,000 memberships were already registered. So AMA HQ is again deep in the annual membership renewal rush and the rate of renewal is again higher than the year before. It seems incredible that AMA's rate of growth can keep going--but it is:

400

AMA CLUBS WITH 100 OR MORE MEMBERS -- END OF 1974

	Club No. and Name		State	Was of Markenia
	Contract of the second second		blace	No. of Members
116	Birds, Inc.	11.00	California	279
329	DCRC		Maryland	- 234
140	Pioneer RC Club, Inc.		California	177
636	No. Va. RC Club		Virginia	170
551	Greater Pittsburg Area RC'ers		Pennsylvania	161
428	Rockland County RC	0C	New Jersey	142
122	Cordova Model Masters		California	141
455	Long Island Drone Society		New York	139
736	Cobb County RC Modelers		Georgia	136
575	Valley Forge Signal Seekers		Pennsylvania	134
162	So. Alameda County RC'ers		California	132
413	Central Jersey RC		New Jersey	120
188	Northern Connecticut RC		Connecticut	113
274	Suburban Aero Club of Chicago		Illinois	111
502	Goodyear M.A.C.		Ohio	108
524	Western Chio RC Society		Ohio	107
143	Radio Control Bees, Inc.		California	107
641	Tidewater RC, Inc.		Virginia	107
444	Blue Angels		New York	106
154	San Gabriel Valley RC League	(c)	California	106
528	Tulsa Glue Dobbers		Oklahoma	103
1109	East Bay RC'ers		California	A 6 7 3 1 1 1 1
347	South Shore RC		Massachusetts	102
334	PGRC		Maryland	102

PROPOSED INVISION OF CONSTITUTION of ENGLASS BAYC ACROHAUTS	H of BUCKIE B/C ADBOHAUTS	Constitution (page two)
(Explanations The proposed amond are placed after the various arti	(Explanations The proposed ascendments to the constitution and by-laws are placed after the various articles which currently govern the clube)	Article IV FRES, DUES AND REMETTS Section 1: The fees and dues of this club shall not be less than \$2.50 for ages in through 16, and 55.00 for ages 17 and upwards for initiation, and such smount
Article I	KANE	of dues to the club as shall be determined by the py-laws.
is club shall be known as "Bugene R/C Aeronauts" of Eugene, Oreg legal and unreclaimed charter sanctioned by these members whose we attested thereon. This club cannot voluntarily surrender its asplve so long as 5 members in good standing object thereto.	is club shall be known as "Eugens R/C Aeronauts" of Eugene, Oregon, holding legal and unreclaimed charter sanctioned by those mambers whose signatures a strested thereon. This club cannot voluntarily surrender its charter or isolve so long as 5 mambers in good standing object thereto.	<pre>tection 2: All fees and dues shall be payable in advance, and any member who is delinquent in dues for 3 months will be dropped from membership. Said member may be rejectated by making payment of those dues.in arrears.</pre>
This club, which is incorpor Oregon, shall be known as "S Oregon. The purpose of this modeling and of flying redic	This club, which is incorporated under the laws of the State of Oregon, shall be known as "Eugene E/C Aeronauta" of Eugene, Oregon. The purpose of this club is to promote the bobby of modeling and of flying radio-controlled model afternate.	Section 3: Should any special assessments be in order for the promotion of club activity or extension of its proparties, said assessments shall be subject to investigation by committee, or by two-thirds vote of active members in good standing.
and the second se		(Betain all sections above)
tion 1: All candidates for membe	Article II MEMISSISHIP All candidates for membership must be of the age of 10 years and	Article V CLUB OFFICERS
vards, of sound health, of good moral character, an at of good fellowship. All candidates for membersh is organization is restricted solaly to those inter fellog and flying redio-controlled model sirplanes.	sards, of sound health, of good moral character, and believe in the develop- at of good feilowship. All candidates for meshership wost understand that is organization is restricted solaly to those interested in the hobby of feiling and flying radio-controlled model airplanes.	Section 1: Thereisective officers of this club shall convist of a President, Vice-president, Socretary and Tressurer, who shall conve a term of one year.
stion 2: Should it be deemed nece	ction 2: Should it be deemed necessary that a ballot be cast for a candidate's alsoion to this club, two "no" votes will duny said admission.	Section 2; It is recommended that no member shall be elected as President
reform]: No suspended or expelled	tion 3: No suspended or expelled member of another like organization can	Section 1: Nonisations for alective officers shall be only another two meetings immediately preceding that of the regular election.
_ a :	suspended or expalled him.	Section A: Officers shall be elected at the laft regular meeting of August of , oach year, and be installed at the first regular meeting in the following term.
<u>ction 4</u> : Any member claiming reasonable j ab by giving motice to the club President. <u>Section 1</u> : Any person who is 1 interested in participation in	Any member claiming reasonable justification may resign from this mg motice to the club Fresident. Section 1: Any person who is 10 or more years old and who is interested in participation in the hobby is eligible for	Section 5t: Any elective officer absenting bimself from the club for three con- socutive regular meetings may be removed from "office; after a resolution for that purpose shall have been offered one week before action is taken thereon.
nembership. <u>Section 2:</u> May member resign from this club t	membership. Section 2: Any member claiming reasonable justification may resign from this club by giving notice to the club president.	Section for The duties of the various officers shall be laid, down as specified in this Constitution and By-laws of the club.
Article III F settion 1: The mase of a person of a occupation, must be proposed in	Article III PROPOSITIONS FOR NEWDERSHIP a coupation, must be proposed in writing, signed by the applicant, recommanded	Section 71. The President, or officer acting as such, shall appoint the anjority, and the Vice-president, or officer acting as such, shall appoint the almority of all committees.
<pre>one member of this club, and referred to a committee stigation, who shall report at the next regular meeting y be balloted for; and if but one "no" vote appears, two "so" votes or more appear, he shall be rejected.</pre>	• one member of this club, and referred to a consittee of three members for in- stigation, who shall report at the next regular secting, when the candidate by be belloted for; and if but one "no" wote appears, he shall be accepted; but two "no" wotes or more appear, he shall be rejected.	Section 8: The club shall at the time of its institution elect/5 members if desired as a Board of Directors, who shall hold their offices for the term of 6 months. The scrive club President shall be one masher of the Board.
setion 2: If any person shall gain admittance to this clu intaining any false representations, he shall be expelled.	If any person shall gain admittance to this club upon a petition my false representations, he shall be expelled.	
Section 1: The applies affiliated with this of standing. The membersh by name, sps, resident include the current AN and dass required by th application before it w	Section 1. The application of any person interested in becoming affiliated with this club will be sponsored by a manher in good standing. The membership application will identify the applicant by name, ege, resident address, profession or occupation and will include the current AVA number of the applicant. An initiation fee and daes required by the by-laws also must accompany the membership application before it will be considered.	22222
Section 21 Ary applicant w and who receives a vote of attending a regular costing vigtble for membershipe	Section 21 May amplicant who mosts the foregoing requirements and who receives a vote of approval by a zajority of members attending a regular costing at which a quorum is present will wlightle for memberships	<u>Section Sr</u> (delete) Section Sr (delete)

unstitution (page three)

Article VI TRIALS AND PENALTIES

Section 1: Any member refusing or neglecting to make payment of his dues to the club according to its By-laws for more than 3 mosths shall not be entitled to vote or speak on any question brought before the club, but shall be contributing member until suspended, dropped or expelled, and as much shall be entitled to visit his club, and when any member becomes in arreats for the period of 2 months, the Secretary having charge of such accounts shall report to the Frusteent at a regular

masting, and at the next regular meeting thereafter, unless the club othervise directs, such member shall thereupon be unspeeded; provided that before any member can be suspended or dropped for non-payment of dues, notice of such contemplated stifun shall be given his by the Secretary; provided further that the delinquent may pay his dues in full or in part at any time prior to such action.

Section 2: Any members who may have been suspended or dropped for nonpayment of dues may be reinstated upon the payment of the fee charged for an initiate of the same age or such sum as the By-laws may prescribe;

(Betain all sections above)

ŝ

Article VII FUNDS AND PROPERTY

Section 1: The funds and property of this club having heen raised for the benefit of the club as a whole, cannot be divided in any way among the members individually, or between this club or any other club, but shall remain the property of this club, for its legitimate uses.

(retain)

Article VII BY-LANS

Section 1: This club may make, alter or rescind such Hy-laws, Rales and Regulations, from time to time, as may be considered necessary, provided that they do not in any way contradict this Constitution.

Section 2: The By-laws of this club are in force from the time of their approval by two-thirds vote of the members in good standing.

(magain)

PROPOSED REVISION OF IN-LINE of ENGINE B/C ACHONAUTS

Article I MESTINES

•

Section 1: The regular montings of this club shall be beld on the first Tuesday evening and on the third Tuesday evening of each month. The stated hour of opening shall be 7:30 p.m.

Section 2: Special meetings may be called by the President, either at his direction or at the request of 5 members in good standing. No business shall be transacted at special meetings other than that for which the meeting was called.

Section 3: At all meetings 5 members shall constitute a quorum for the transaction of business.

Section 4: The club meeting shall be opened by the President, or in his absence by the Vice-president, and shabild both these officers be absent, by a Past President, semiority being considered.

Section 1: The regular meetings of this club shall be held at times and places agreed upon by members.

Section 2: (retain) Section 3: At all meetings the presence of 20 per cent of the manbership shall constitute a quorum for the transaction of business. Section 4: (retain)

Article II MEMBRISHIP

Section 1: All applications for membership must be accompanied by the reccommendation of a member of the club in good standing, and otherwise qualified as provided in Section 1, Articla II of the Constitution. The scalaalon fee must in every case accompany the application.

Section 2: Should the applicant be rejected, the admission fee shall be returned to him, but if he be elected and fails to appear at 3 succeeding regular meatings thereafter, such election will be void and the amount paid forfeited to the club, unless a reasonable exquee be given.

Section 3: Every person, upon being admitted to membership in this club, shall sign the Constitution, thereby pledging himself to support, saintain and abids by the same.

Section 4: Every member shall record his place of residence, and in case of removal be shall give notice to the Secretary. Any written notification required by the laws of the club shall be deemed legal and sufficient if sent to the last recorded address of residence.

Section 1: All applications for numbership must be accompanied by the reconversion of a club member in good standing and must meet other requirements as provided in Article III, Section 1 of the Constitution. The initiation fee and dues required by the By-Laws must account the application. Section 2: (retain) Sections 1 and 4: (delete)

Cashing 1 and 1. Later	Austione 2 through fit (delete)
1 m 1 m 1 m 1 m 1 m	Section 5: When any Director or member of a Standing Committee shall fail to merform his duties satisfactorily, he may be dismissed from his office by two- 's vote of the members present at a regular meeting.
Section 2: It shall be the duty of the Directors to perform such functions an required by the club concerning any major issue that may effect the club as a whole. They shall receive from the Treasurer such sums of money moded to ex- bed the the club a activities. Act as a body in fulfilling of the moded of the club.	Section 5: Any member guilty of an infamous act against the laws of the land shall be expelled.
5	Section 4: Any member guilty of improper conduct within the club, or who shall knowingly propose an unworthy person for membership, shall be subject to suspension or expelled, as the club may determine.
Article VII BOARD OF DIRECTORS	manner, the club may inflict such penalty as the case may require, which may result in expulsion.
Southing to Section 2. The vice-president shall act as director of contest schivities approved by club members.)	Section 3: If any member shall disregard the authority of the President by persisting in the use of improper language, or conducts himself in a disorderly
last meeting of his term furnish the club with a full report of all receipts and disbursements of the term.	Section 2: If any member who shall willfully make false or malicious charges or accusations against another member, in or out of the club, shall be sub- ject to suspension or expulsion, according to the extent of the offense.
Section 6: The Treasurer shall receive from the Secretary all money of the club, giving a receipt for the same, pay all orders drawn on him by the Secretary and signed or noted by the President, have a book in which he shall keep a full account of all money received and disbursed. He shall after the	Section 1: No member who is in arrears in accordance with the period stated in Article VI, Section 1 of the Constitution shall be privileged to vote on any question before the club (except that he may speak in his own defense shen charges have been preferred against him).
<u>section 3:</u> The Secretary shall skep a correct record of all proceedings of the club, write and issue all communications and notices ordered by the club, notify sembers in arrears as provided in Article IV, Section 1 of the Consti- tution and parlorm such other dutios that may be required of him.	Section 1: (retain) Section 5: (detlets) Article IV FEMALTIES
The Vice-presi es, appoint the ident, and perf	Sections 1 and 2: (retain) Section 1: Haw members of this club shall pay the amount of \$1.00 in dues for each month remaining in the year during which they become members, but the total amount of dues for any one year shall not exceed \$10.00. Annual dues for members in good standing shall be
necessary all variants drawn by the Secretary on the Treasurer for sums as shall have been voted by the club, and perform such other duties as appartain to be other duties.	Freed of a current personal PCC license will waive this fee requirement for club membership.
Section 1: It shall be the duty of the President to preside at all meetings and enforce the due observance of the Constitution and By-Laws, see that the officers of the club and members of committees perform their respective duties, appoint the majority of all committees, have charge of the door, give the casting vote on all matters and questions (except at elections for officers and applications for membership), have charge of the charter, know and sign if	Section 31 The Glub Vill provide a current provide real current provides the subset currently holding a personal PCC license may assume the Glub license by paying a fee of \$1.00 per year to the current explication date of the Glub license. Now members may also assume the club license by the same method of paying fees. All members will pay the full \$5.00 fee during one year of the five year term of Club license.
Article VI OFFICERS AND THEIR DUTIES	
	Section 4: All members are required to be AMA newbers before membership in Rugene R/C Aeronauts is in effect. All members must saintain a correct and consecutive AMA membership at all times or loss active status and all flying
Section 2: At all elections for officers and directors, the Secretary shall provide blank ballots for the use of the members. The President shall appoint two members who will canvass the votes cast and declars the result to the President, by when it shall be announced to the club.	Section 3: Members of this slub shall pay the amount of \$1.00 per month or \$10.00 per year in advance for dues.
are more than two candidates for the same office, the candidate having the least number of votes shall be dropped at each successive ballot.	Section 2: Hombors reinstated shall pay the same arount as a new applicant of the same age, and as provided in Article VI, Section 2 of the Constitution.
Section 1: The elective officers shall be voted for separately, and must re- ceive a majority of all votes cast to entitle them to election. When there	Section 1: Persons admitted into this club, 10 years of age through 16, shall pay the sum of \$2.50 for initiation. For those persons age 17 and upwards, they shall pay the sum of \$3.00 for initiation.
	hy-Laws (popt two) Article III Fizz AND DUBS
By-Lans (page trues)	2

Conditions 1 and to " Annal

67	12	Č.,				100		<i>i</i> 0 -	
		Section 2: All former By-laws are bereby repealed. . <u>Sections 1 and 2</u> : (retain) Remamber Article X as IX	Section 1: No part of these By-laws shall be repealed, altered, annuled or admended, unless a proposition in writing be made at least two regular meetings previous to the time of its being acted upon, when, if two thirds of the members present vote in favor of such proposition, it shall be adopted.	Article X Article X	a club shall be loaned to	FUMDS Section 1: 'Current expenses of the club may be paid at any regular meeting by a wote of the club.	<u>Section 1</u> : (retain) Renumber Article VIII as VII Article IX	Section 1: At the beginning of each term the President and Vice-President shall sppoint a Finance Countitee to consist of three members, whose duty it shall be to examine all accounts brought before the club and initial, also to inspect and mudit the accounts of the Secretary and Treasurer and all other officers or committees who may be charged with the receipt and disbursement of the funds of the club.	-Junes (page four) Article VIII SIAMOING CONSITTERS
			tings	20	Derson	4		89 5	
						$\overline{2}$	22		
		121 0					1		
					2				\$9
ъ. е. е.					351	1			
			- 20						
		200	2 8		2 ¹⁰ - 10	С.,	n R X		
						8			
								÷ 31 (
б. 				71 51		а. 19. ро	ы 94		
2 [#] §									18
a ¹⁶ a 1			8.9		3				
	8		2	12	24 ST				10.00

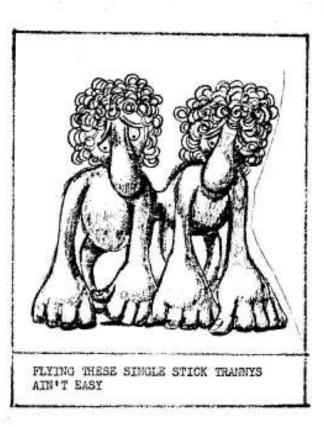
COBURG GLIDER NATIONALS RESULTS

		Pres	cision	Dura	tion	Overall		
NAME		score	place	score	place	score	place	
Marty Howard		1000	1	1000	1	2000	1	
Steve Pearson		973	2	895	4	1868	2	
David Buck		820	5	1000	1	1820	3	
Roger Breedlove		962	3	759 .	7	1721	Ĩ.	
Barrett Jones		790	7	842	5	1632	5	
Bob Screnson		612	9	992	3	1604	6	
Bob Staley		749	8	612	6	1561	7	
Russ Maine		808	6	636	11	1444	8	
Dean Rea		825	4	597	12	1422	9	
Tom Bodley		541	10	662	9	1203	10	
Ken Erick	683	44.1	11	725	8	1166	11	
Jack Burg		438	12	647	10	1085	12	

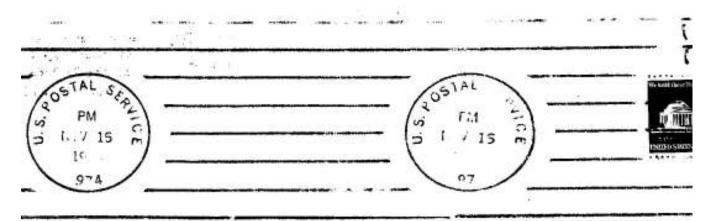
The grand prize of this club funfest was fellowship, sunshine, and good air



WHO KNOWS WHAT EVIL THEORY LURKS IN BURG'S MIND.....



141



	Chuck O'Donnell	1
	102 W. Mountain Rd. Sparta, N.J. 07871	1

-